

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010709.D
 Acq On : 08 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 01:13:38 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	227638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167667	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	110412	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
35) Dibromofluoromethane	5.49	113	103555	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	380612	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.13	95	146627	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97389	61.537	ug/l	100
3) Chloromethane	1.32	50	97971	53.163	ug/l	99
4) Vinyl Chloride	1.41	62	108106	53.558	ug/l	98
5) Bromomethane	1.64	94	55950	56.897	ug/l	99
6) Chloroethane	1.71	64	65387	54.907	ug/l	99
7) Trichlorofluoromethane	1.92	101	184241	57.580	ug/l	100
8) Diethyl Ether	2.19	74	62505	54.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103094	53.167	ug/l	99
10) Methyl Iodide	2.51	142	141062	50.974	ug/l	97
11) Tert butyl alcohol	3.05	59	129520	231.913	ug/l	98
12) 1,1-Dichloroethene	2.37	96	103736	52.575	ug/l	95
13) Acrolein	2.29	56	80282	216.694	ug/l	99
14) Allyl chloride	2.73	41	152955	54.602	ug/l	96
15) Acrylonitrile	3.14	53	296162	267.841	ug/l	100
16) Acetone	2.45	43	239135	223.561	ug/l	96
17) Carbon Disulfide	2.57	76	267553	50.543	ug/l	100
18) Methyl Acetate	2.78	43	117256	55.001	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	339152	54.638	ug/l	99
20) Methylene Chloride	2.85	84	117665	53.452	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	112245	52.893	ug/l	96
22) Diisopropyl ether	3.85	45	319660	54.579	ug/l	97
23) Vinyl Acetate	3.81	43	1428851	282.402	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183913	54.325	ug/l	99
25) 2-Butanone	4.67	43	402975	256.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139141	47.312	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	130061	53.037	ug/l	100
28) Bromochloromethane	5.01	49	80603	49.797	ug/l	93
29) Tetrahydrofuran	5.13	42	260370	267.902	ug/l	99
30) Chloroform	5.21	83	197723	54.282	ug/l	99
31) Cyclohexane	5.58	56	166066	53.866	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177221	55.100	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142758	52.520	ug/l	98
37) Ethyl Acetate	4.84	43	154909	55.398	ug/l	98
38) Carbon Tetrachloride	5.79	117	156513	53.174	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010709.D
 Acq On : 08 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 01:13:38 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)
39) Methylcyclohexane	7.46	83	183647	51.400	ug/l	98
40) Benzene	6.14	78	448345	52.944	ug/l	100
41) Methacrylonitrile	5.04	41	82606	53.840	ug/l	98
42) 1,2-Dichloroethane	6.19	62	148202	57.492	ug/l	97
43) Isopropyl Acetate	6.45	43	253790	54.856	ug/l	98
44) Trichloroethene	7.21	130	131095	51.736	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112585	52.647	ug/l	97
46) Dibromomethane	7.66	93	81251	52.956	ug/l	98
47) Bromodichloromethane	7.90	83	149133	53.038	ug/l	100
48) Methyl methacrylate	7.77	41	120840	56.193	ug/l	98
49) 1,4-Dioxane	7.74	88	63914	1031.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	825924	279.131	ug/l	98
52) Toluene	8.78	92	293988	52.717	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164797	52.276	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180707	52.749	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	122144	53.107	ug/l	99
56) Ethyl methacrylate	9.18	69	189474	54.382	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191267	53.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	388414	234.734	ug/l	100
59) 2-Hexanone	9.49	43	635740	272.994	ug/l	98
60) Dibromochloromethane	9.58	129	134247	52.131	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132654	53.435	ug/l	99
64) Tetrachloroethene	9.34	164	126336	49.026	ug/l	98
65) Chlorobenzene	10.13	112	332219	51.362	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	121306	51.487	ug/l	99
67) Ethyl Benzene	10.25	91	570921	52.283	ug/l	100
68) m/p-Xylenes	10.36	106	443304	104.772	ug/l	97
69) o-Xylene	10.69	106	218370	52.481	ug/l	99
70) Styrene	10.71	104	374630	53.687	ug/l	99
71) Bromoform	10.85	173	102541	50.047	ug/l #	99
73) Isopropylbenzene	11.02	105	580864	51.107	ug/l	99
74) N-amyl acetate	10.90	43	233950	54.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	191427	50.857	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211635	69.267	ug/l	80
77) Bromobenzene	11.26	156	157400	49.596	ug/l	96
78) n-propylbenzene	11.36	91	661491	52.955	ug/l	98
79) 2-Chlorotoluene	11.42	91	382734	51.454	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492891	52.605	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	57934	44.235	ug/l	91
82) 4-Chlorotoluene	11.51	91	449368	53.091	ug/l	98
83) tert-Butylbenzene	11.77	119	484657	51.536	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	492771	52.347	ug/l	99
85) sec-Butylbenzene	11.94	105	574466	52.026	ug/l	99
86) p-Isopropyltoluene	12.06	119	529060	51.801	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	280284	50.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	280825	49.793	ug/l	99
89) n-Butylbenzene	12.38	91	453065	52.204	ug/l	100
90) Hexachloroethane	12.60	117	85486	48.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	274999	49.947	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40498	49.902	ug/l	92

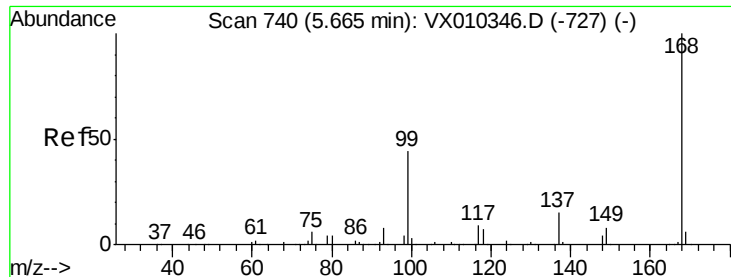
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
Data File : VX010709.D
Acq On : 08 Jul 2019 20:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 09 01:13:38 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)
93) 1,2,4-Trichlorobenzene	13.65	180	192370	50.382	ug/l	98
94) Hexachlorobutadiene	13.78	225	90185	48.328	ug/l	97
95) Naphthalene	13.83	128	593389	50.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189718	49.975	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: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

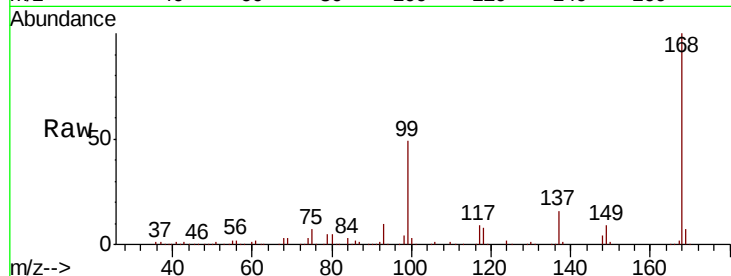
VSTDCCC050EC

Tot Ion:168 Resp: 227638

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

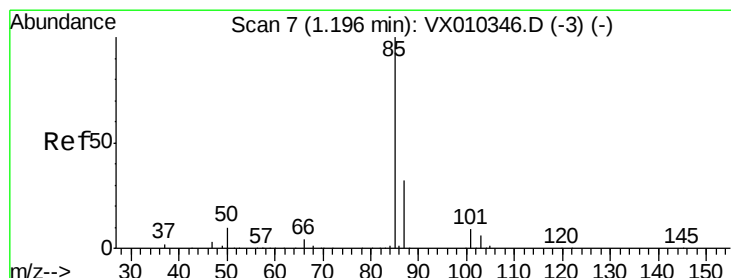
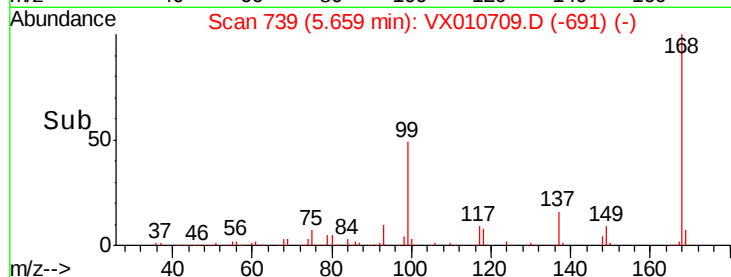
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 61.537 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010709.D

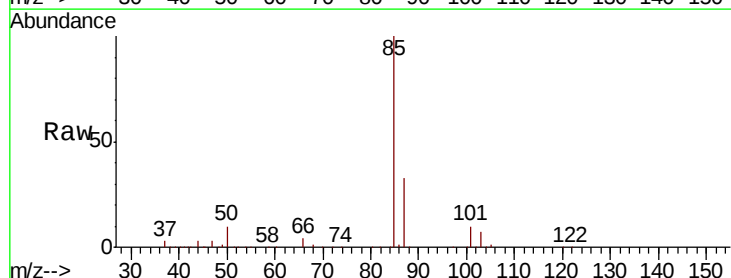
Acq: 08 Jul 2019 20:29

Tgt Ion: 85 Resp: 97389

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

0

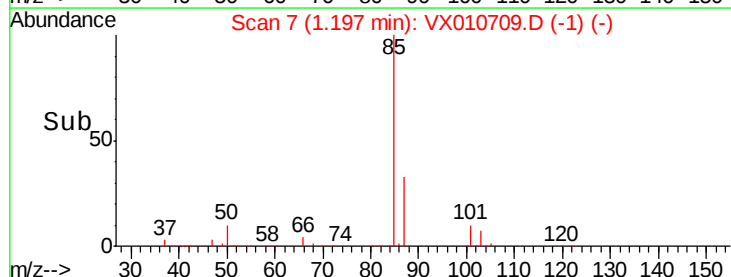
Time-->

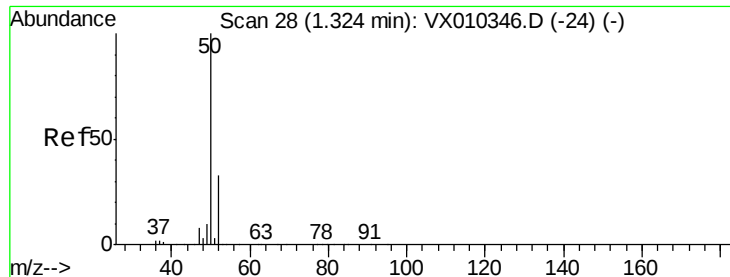
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 53.163 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

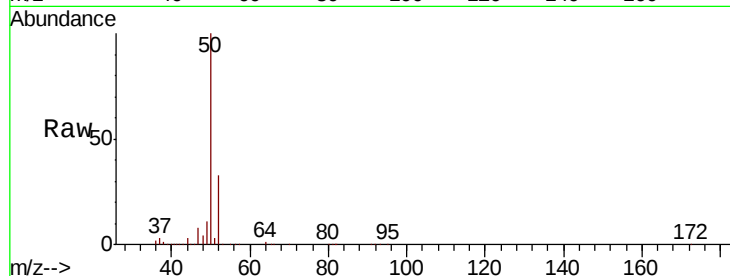
VSTDCCC050EC

Tot Ion: 50 Resp: 97971

Ion Ratio Lower Upper

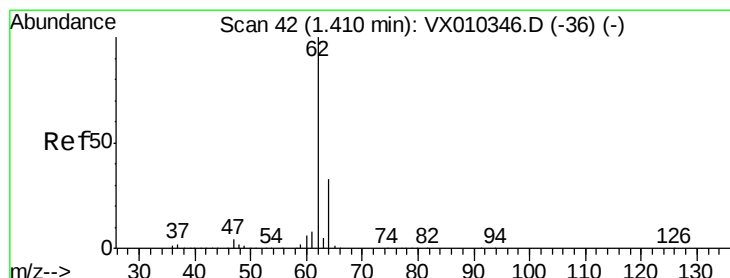
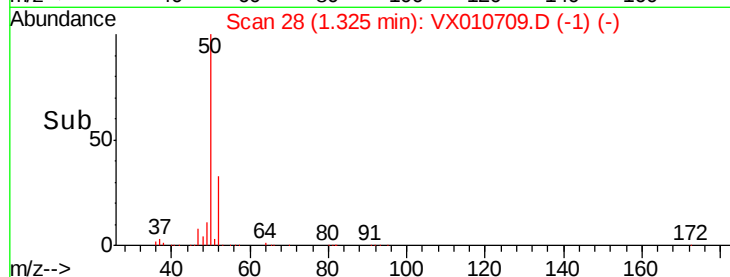
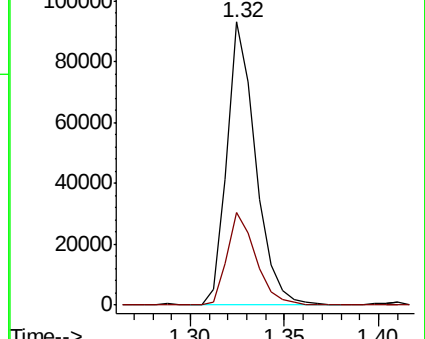
50 100

52 32.7 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: 53.558 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010709.D

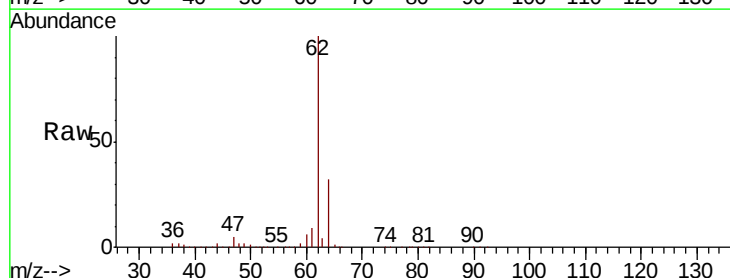
Acq: 08 Jul 2019 20:29

Tgt Ion: 62 Resp: 108106

Ion Ratio Lower Upper

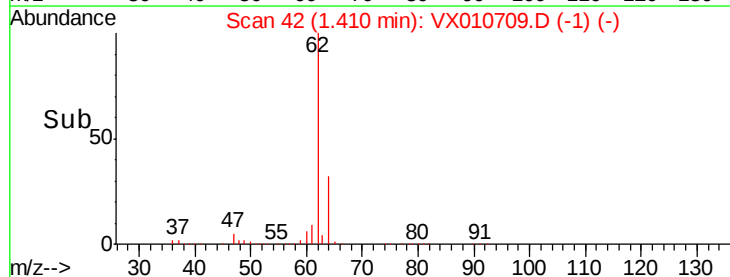
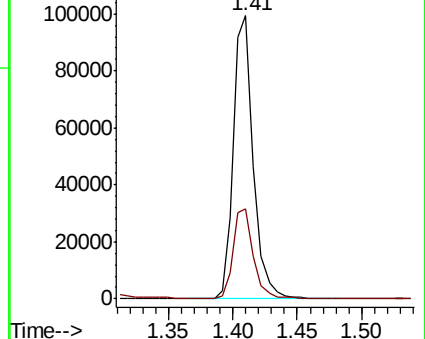
62 100

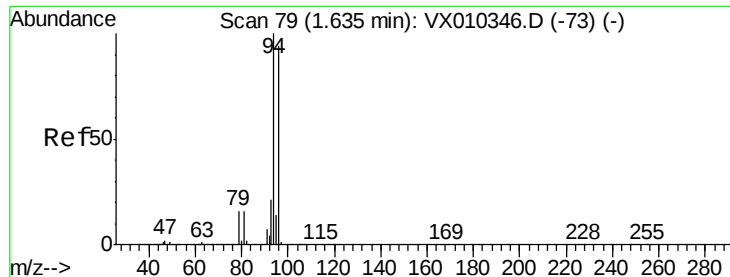
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.897 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

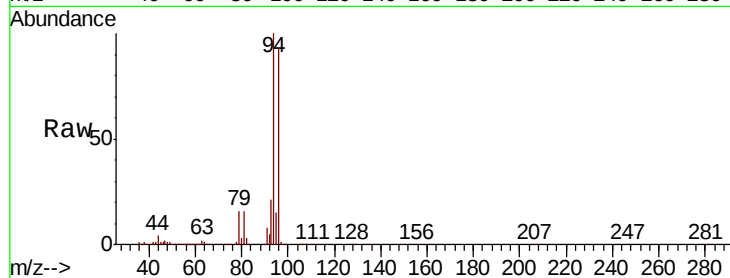
VSTDCCC050EC

Tot Ion: 94 Resp: 55950

Ion Ratio Lower Upper

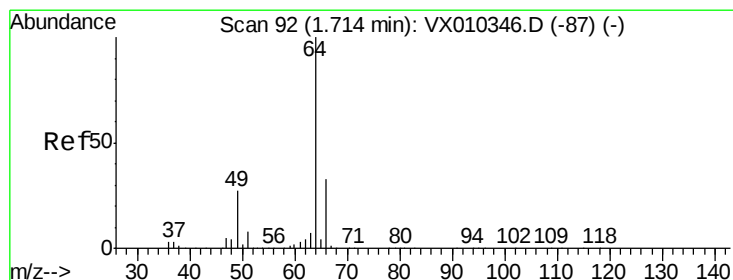
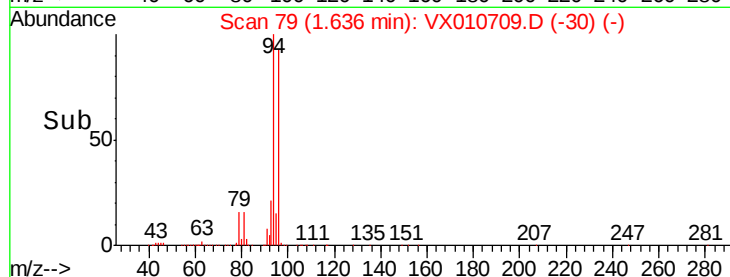
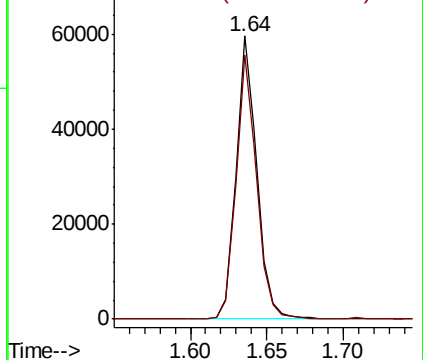
94 100

96 93.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.907 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010709.D

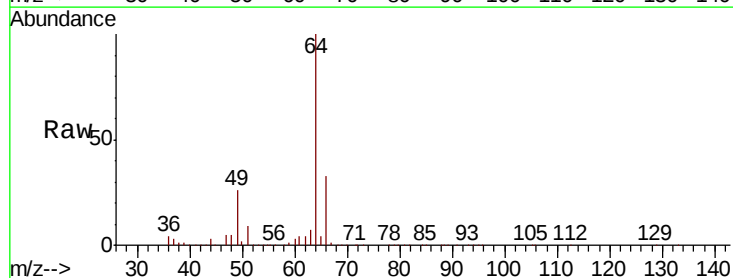
Acq: 08 Jul 2019 20:29

Tgt Ion: 64 Resp: 65387

Ion Ratio Lower Upper

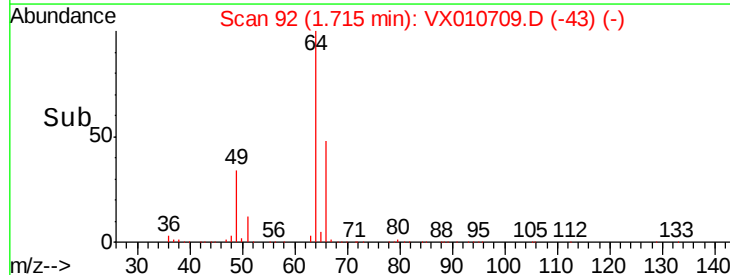
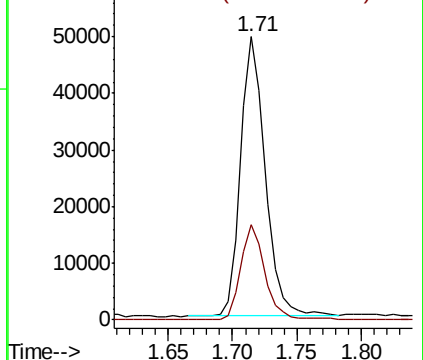
64 100

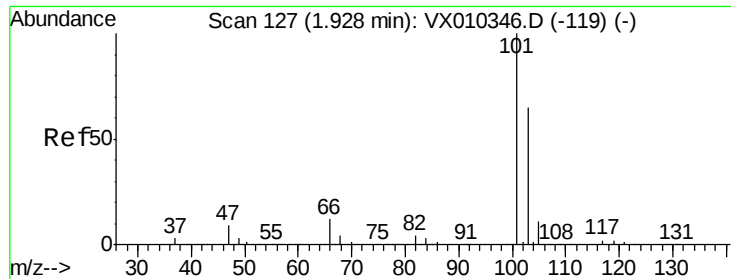
66 33.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



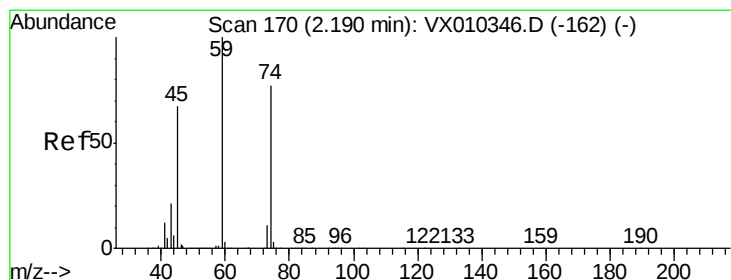
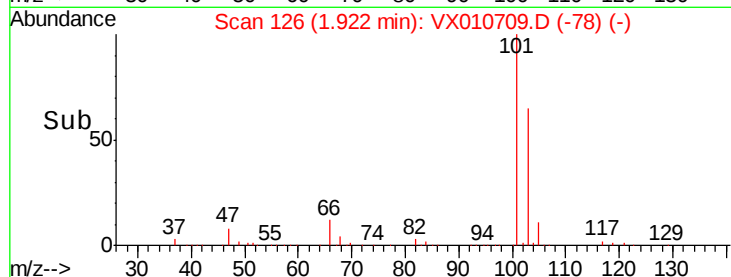
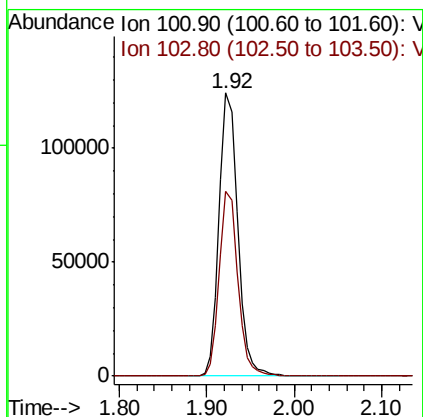
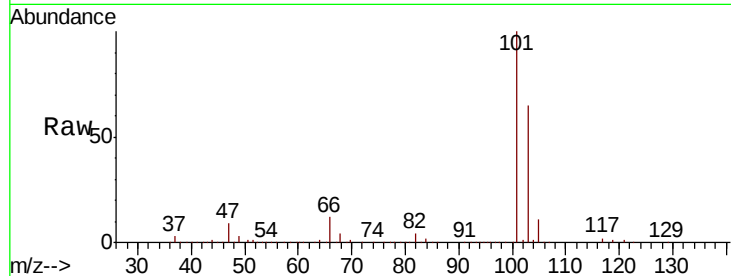


#7

Trichlorofluoromethane
Concen: 57.580 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

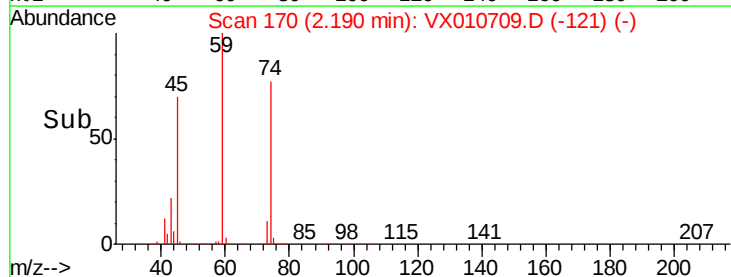
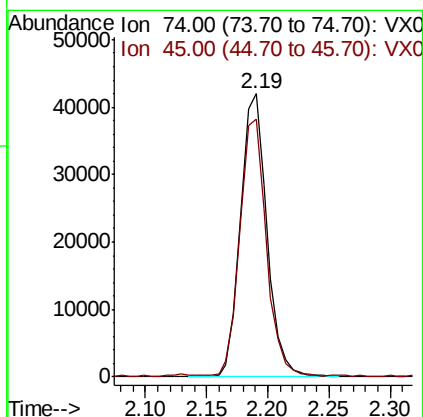
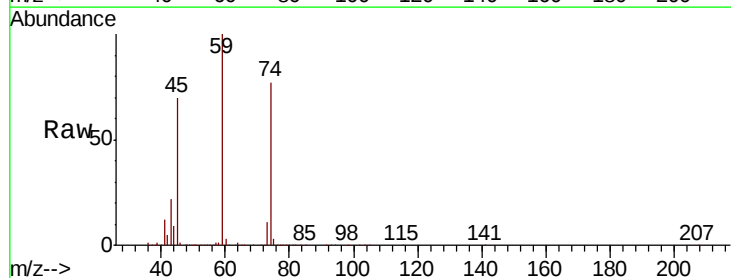
Tot Ion:101 Resp: 184241
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

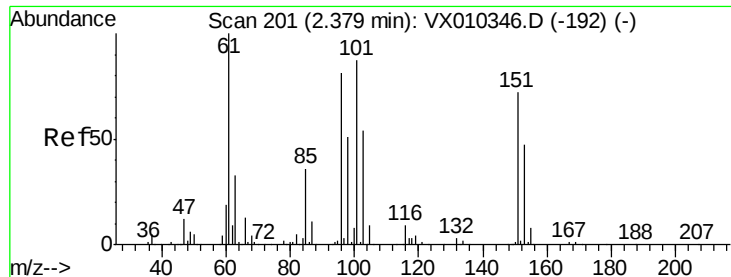


#8

Diethyl Ether
Concen: 54.472 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 74 Resp: 62505
Ion Ratio Lower Upper
74 100
45 90.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.167 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

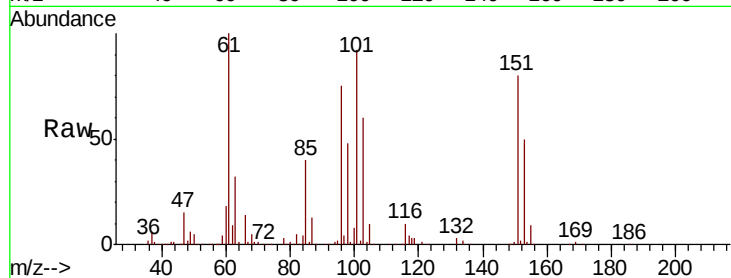
Tot Ion:101 Resp: 103094

Ion Ratio Lower Upper

101 100

85 43.5 33.7 50.5

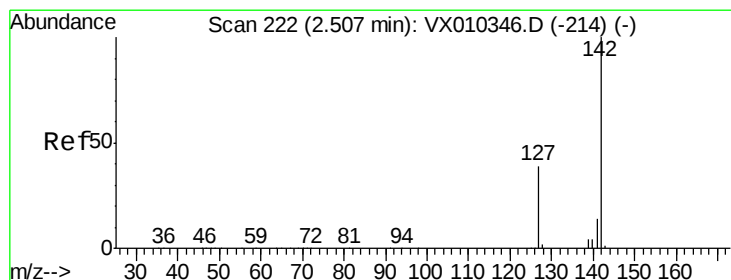
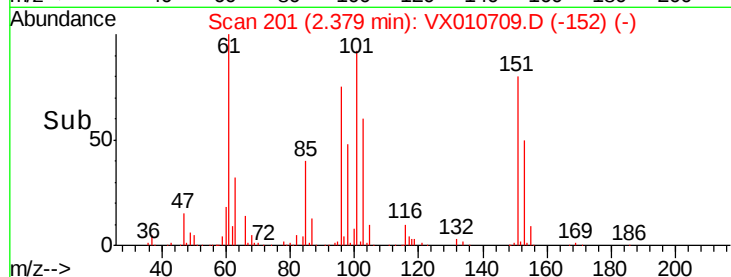
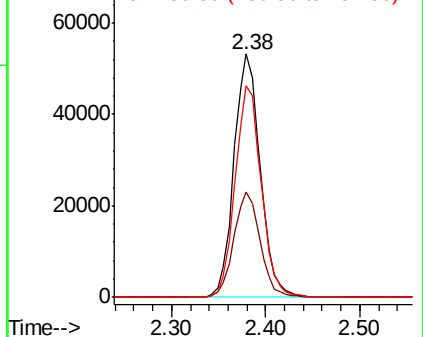
151 86.6 70.1 105.1



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: 50.974 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

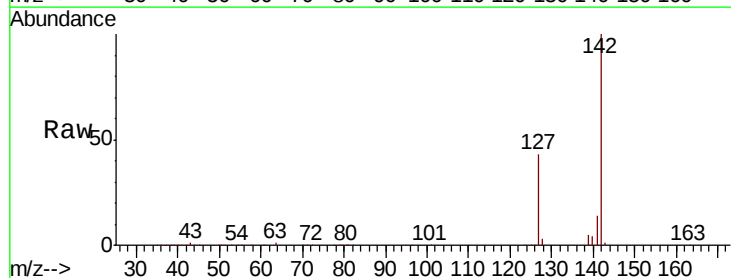
Tgt Ion:142 Resp: 141062

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

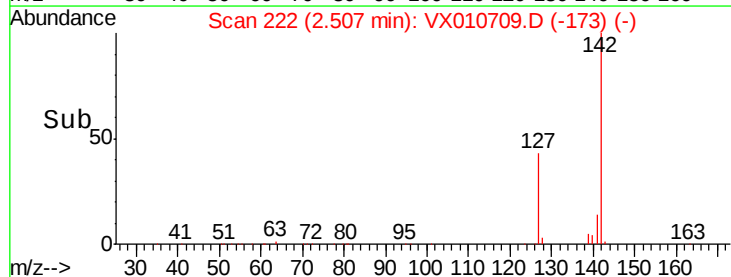
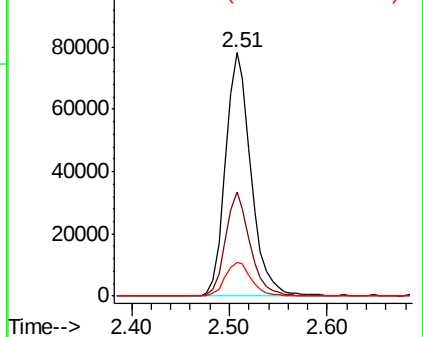
141 14.5 11.2 16.8

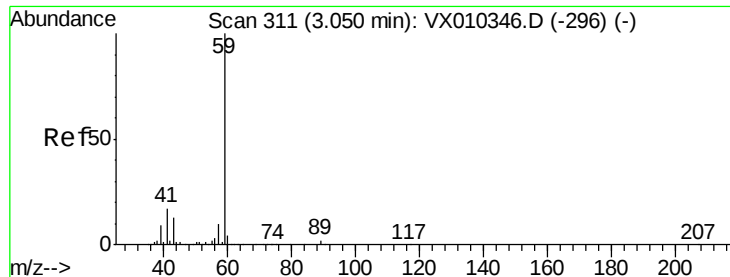


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



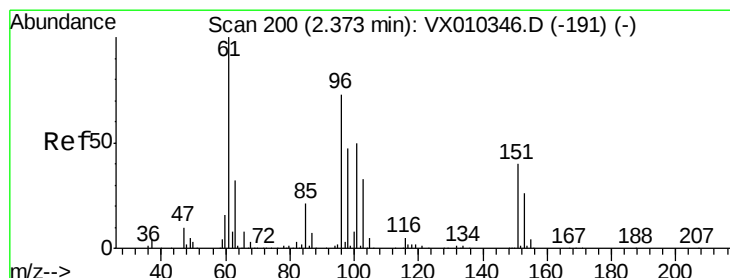
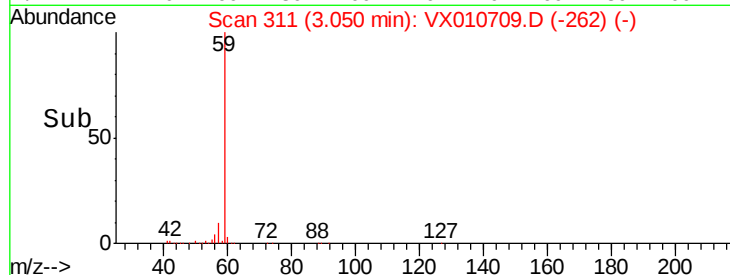
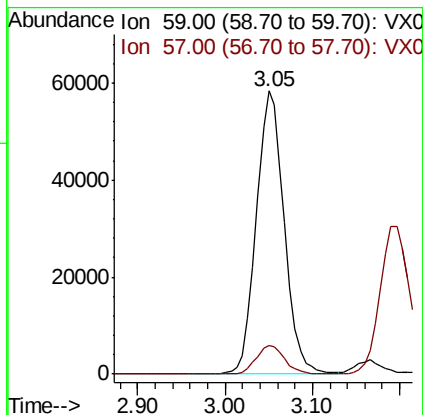
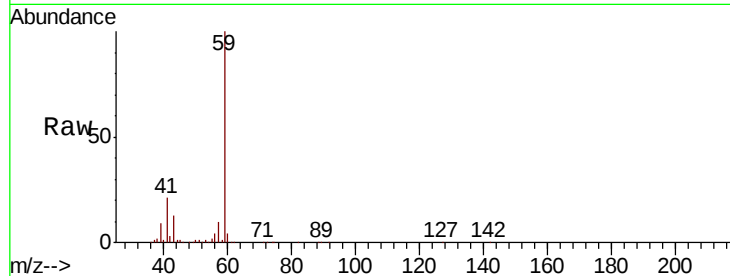


#11

Tert butyl alcohol
 Concen: 231.913 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

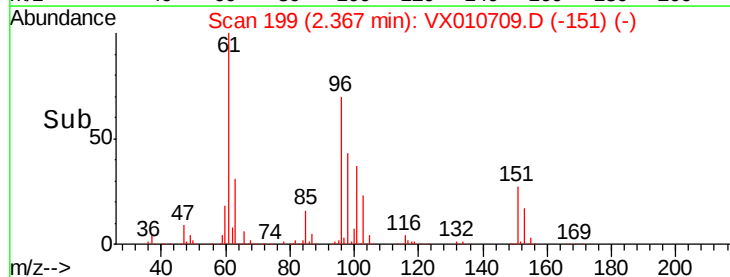
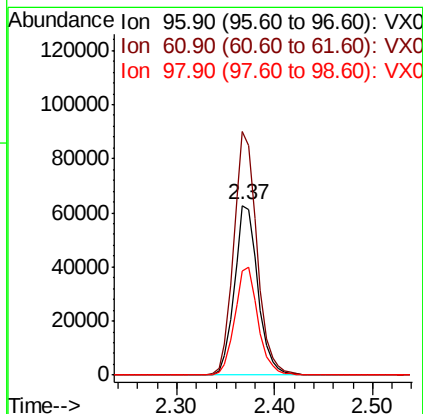
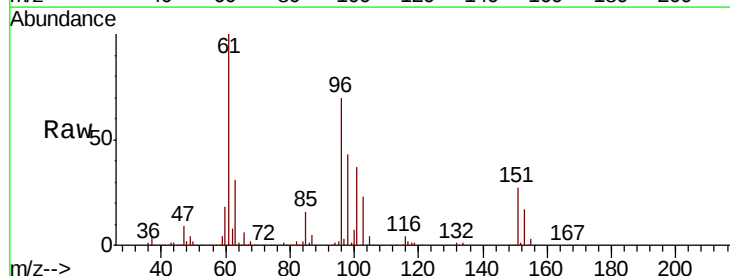
Tot Ion: 59 Resp: 129520
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

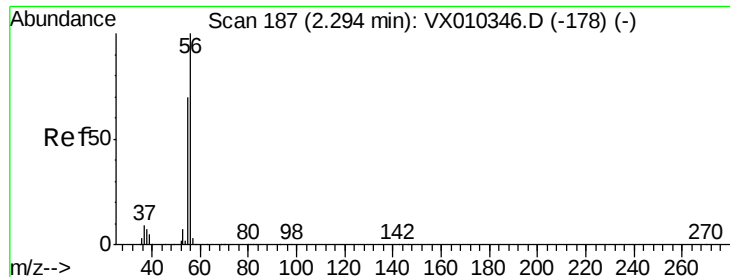


#12

1,1-Dichloroethene
 Concen: 52.575 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 96 Resp: 103736
 Ion Ratio Lower Upper
 96 100
 61 143.6 109.2 163.8
 98 61.6 51.1 76.7





#13

Acrolein

Concen: 216.694 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

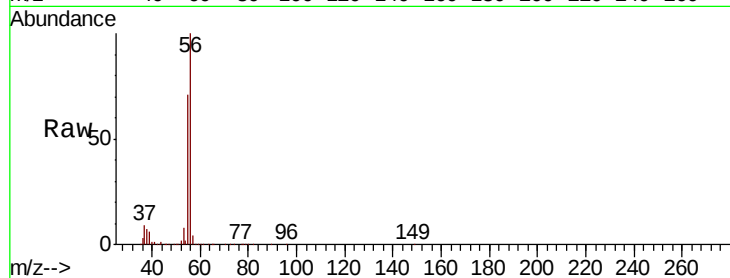
VSTDCCC050EC

Tot Ion: 56 Resp: 80282

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

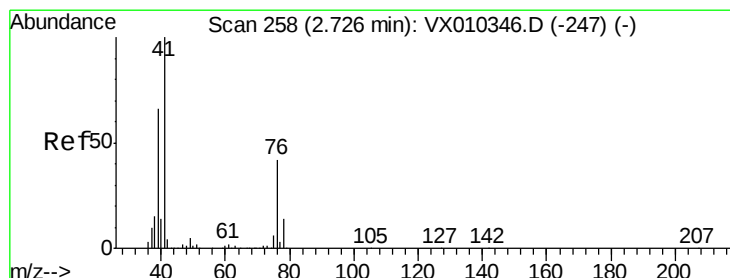
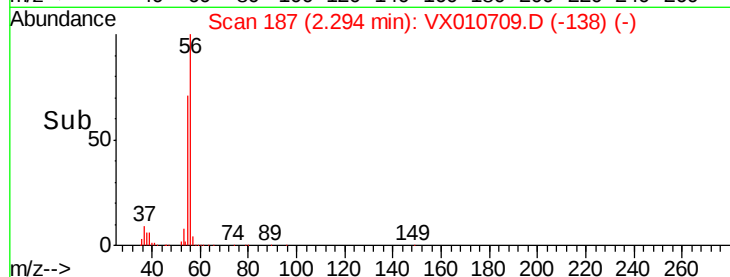
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 54.602 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

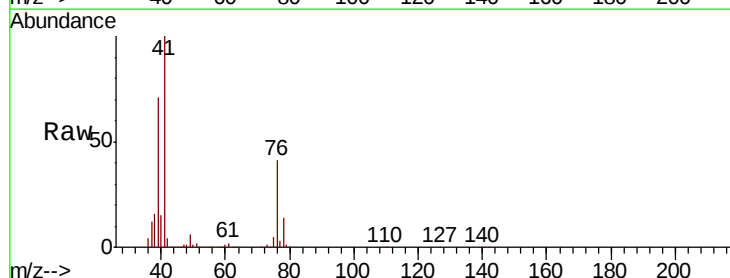
Tgt Ion: 41 Resp: 152955

Ion Ratio Lower Upper

41 100

39 66.5 50.3 75.5

76 37.9 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

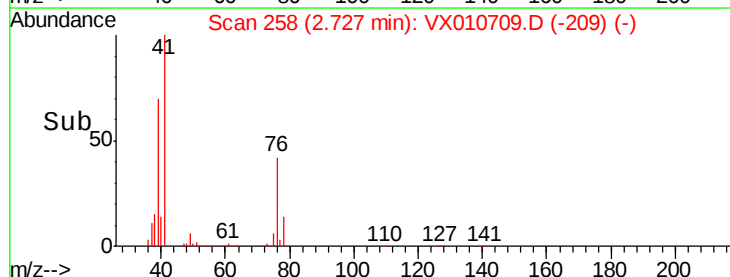
150000

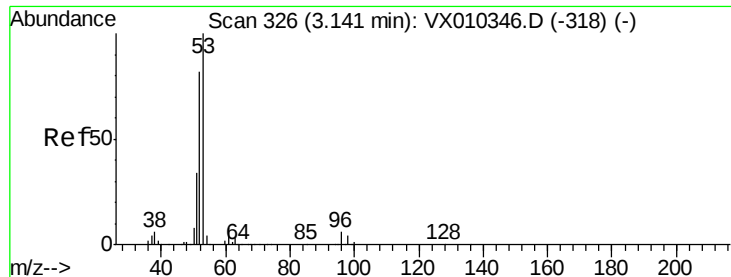
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 267.841 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

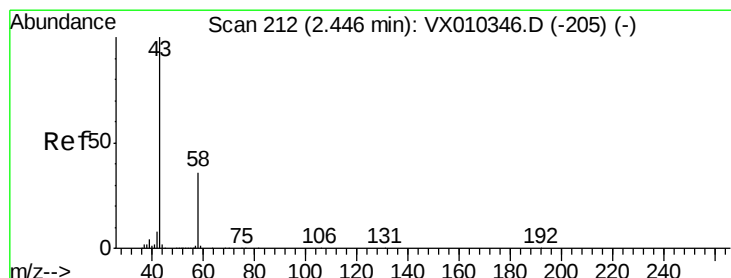
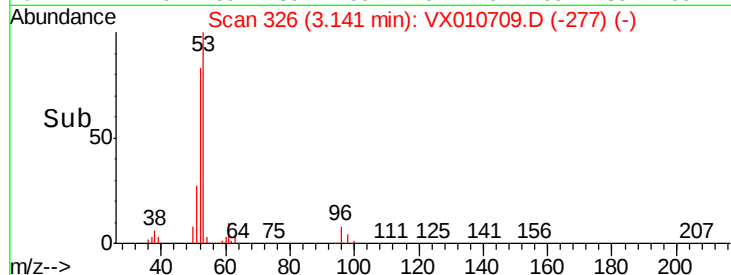
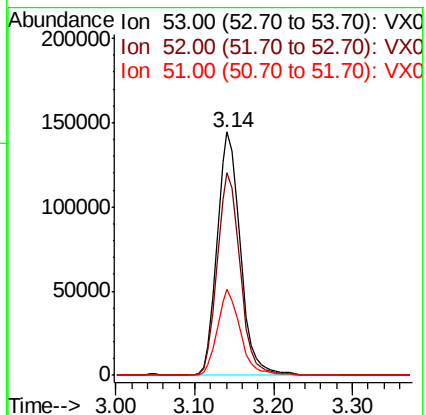
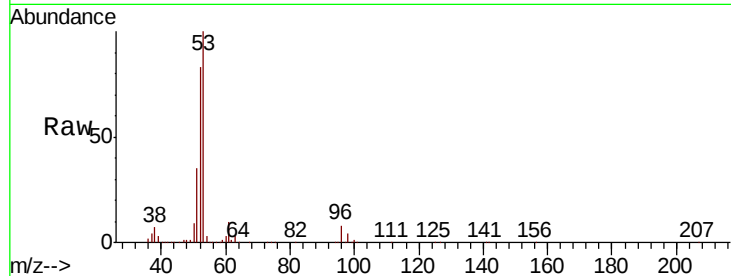
Tot Ion: 53 Resp: 296162

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

51 34.9 28.2 42.4



#16

Acetone

Concen: 223.561 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010709.D

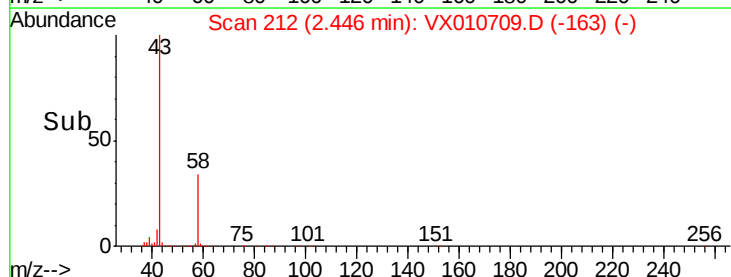
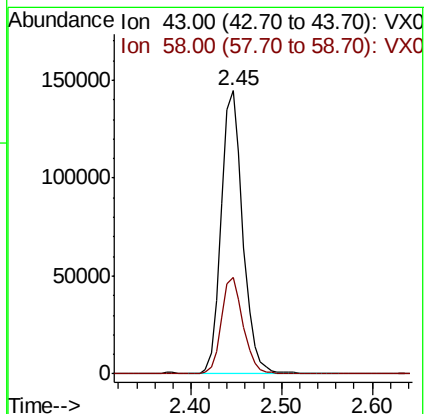
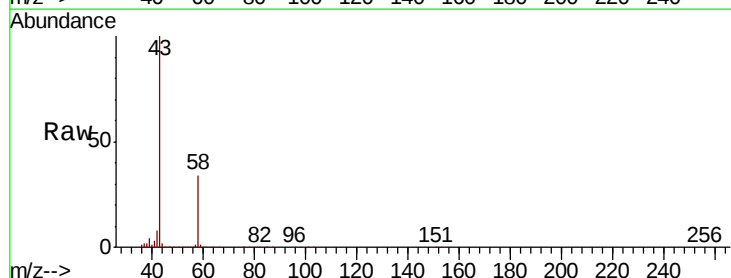
Acq: 08 Jul 2019 20:29

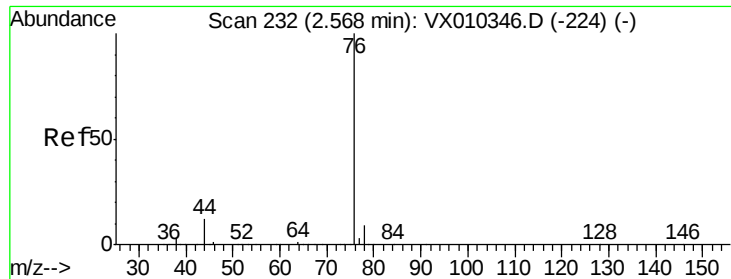
Tgt Ion: 43 Resp: 239135

Ion Ratio Lower Upper

43 100

58 34.0 28.9 43.3

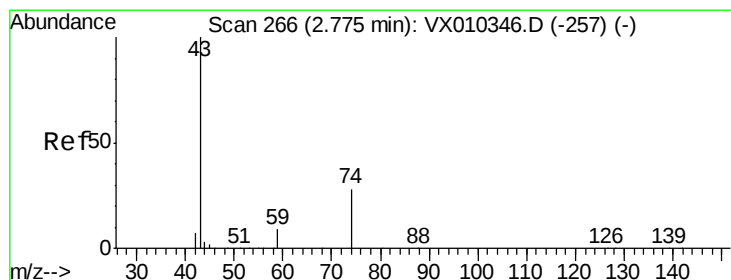
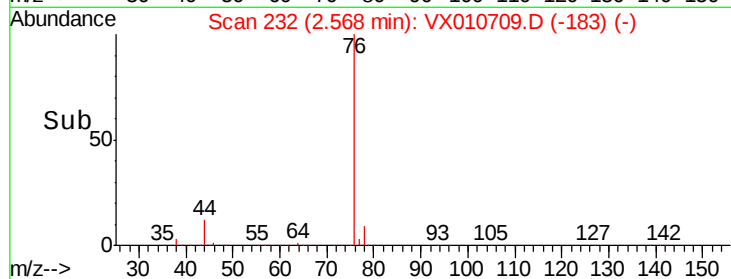
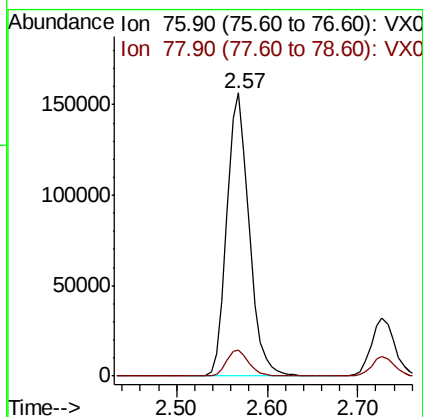
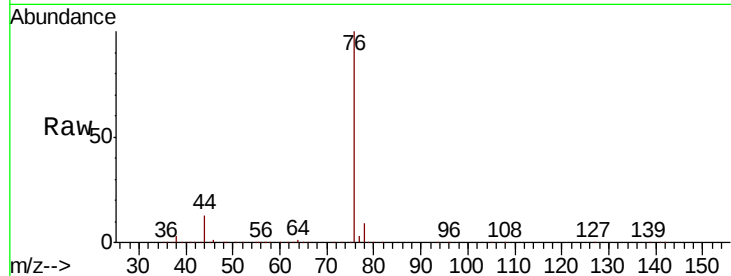




#17
Carbon Disulfide
Concen: 50.543 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

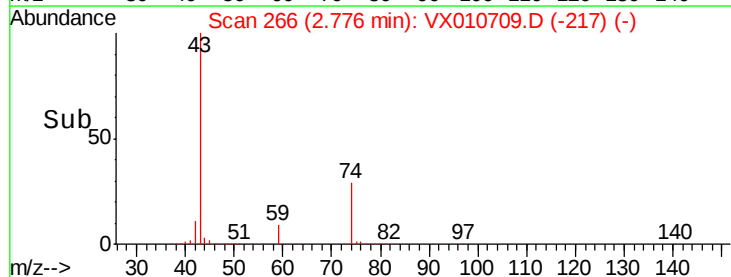
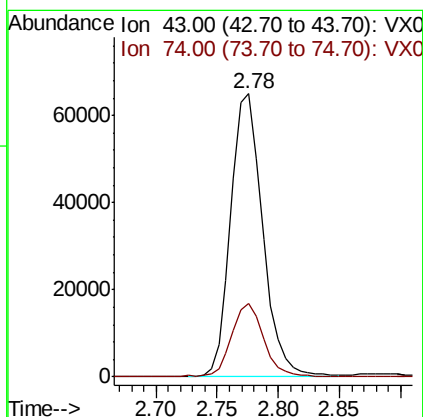
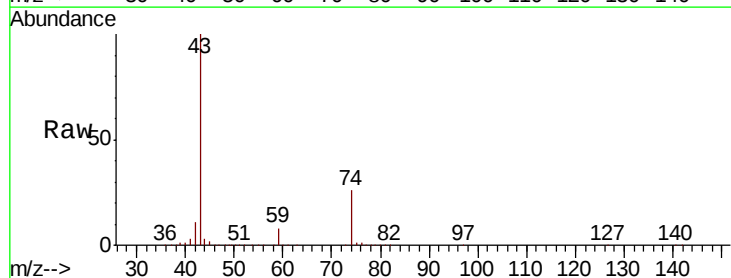
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

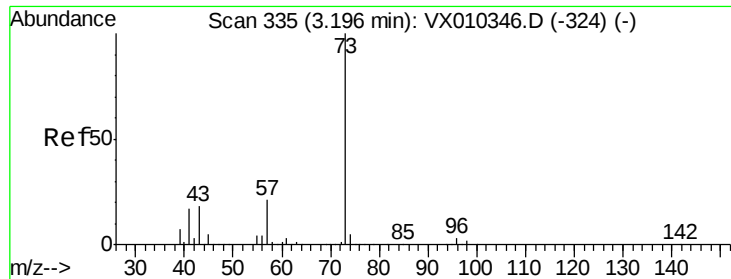
Tot Ion: 76 Resp: 267553
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 55.001 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 43 Resp: 117256
Ion Ratio Lower Upper
43 100
74 26.4 21.3 31.9

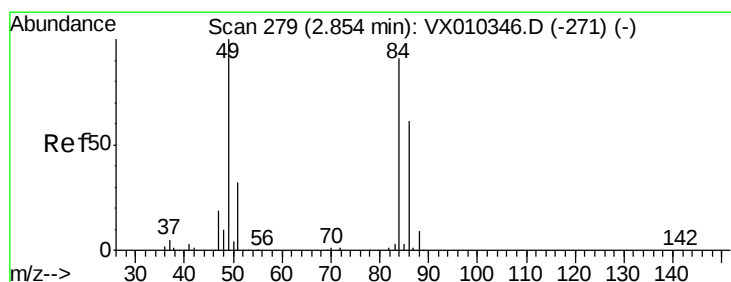
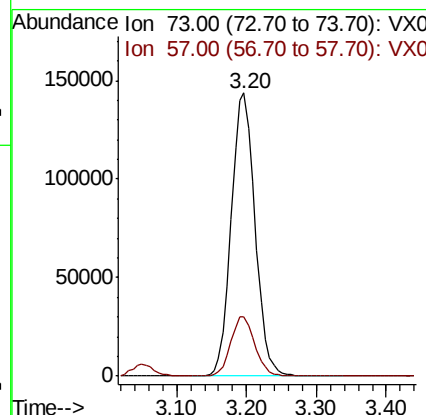
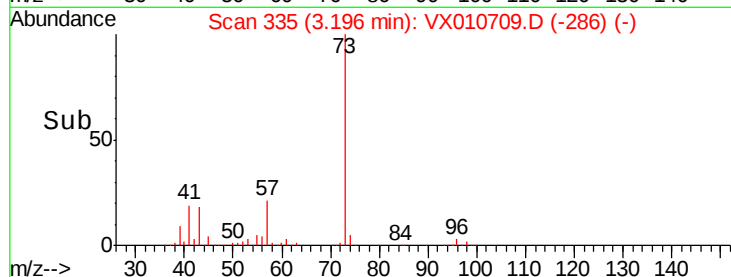
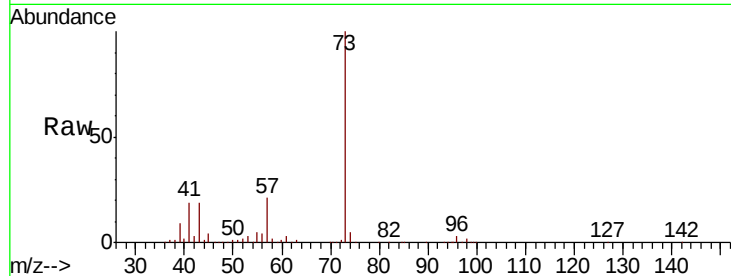




#19
Methyl tert-butyl Ether
Concen: 54.638 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

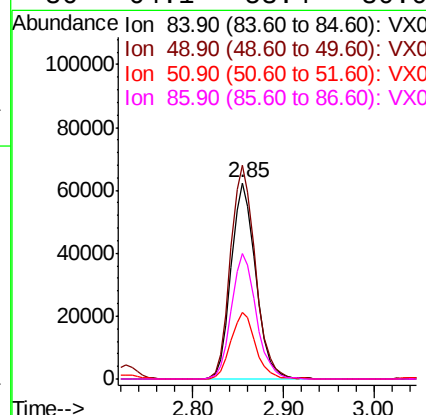
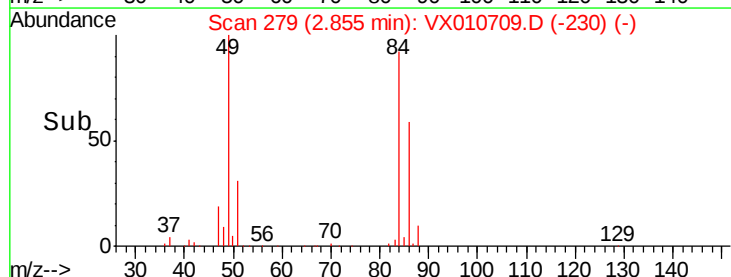
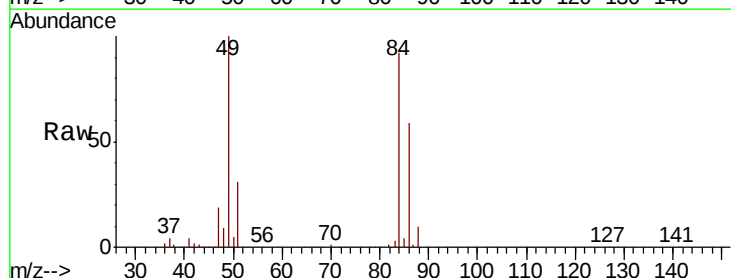
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

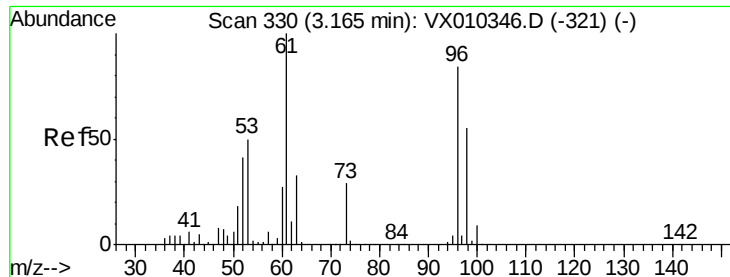
Tot Ion: 73 Resp: 339152
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 53.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 84 Resp: 117665
Ion Ratio Lower Upper
84 100
49 108.9 87.5 131.3
51 34.1 27.7 41.5
86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.893 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

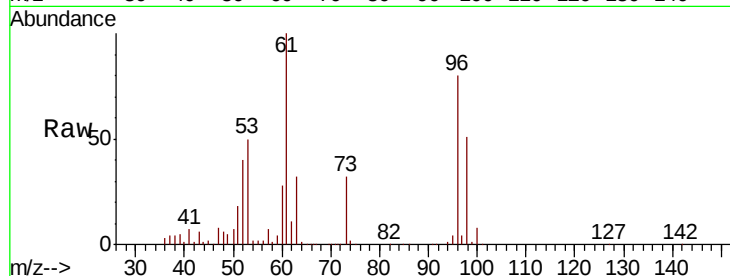
Tot Ion: 96 Resp: 112245

Ion Ratio Lower Upper

96 100

61 125.7 95.6 143.4

98 64.5 52.5 78.7

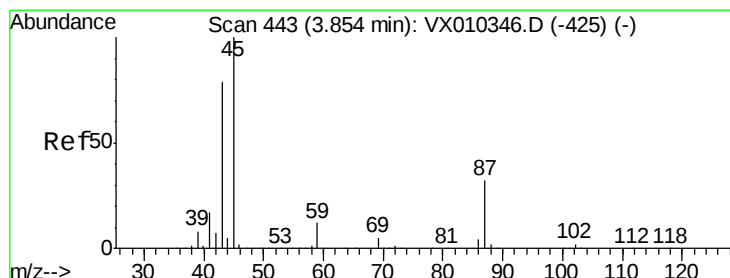
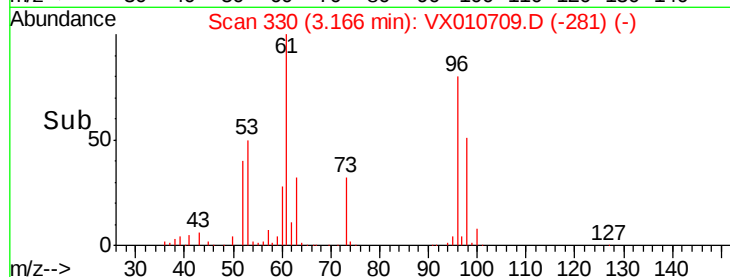
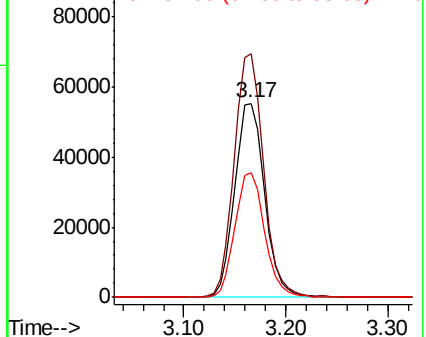


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.579 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion: 45 Resp: 319660

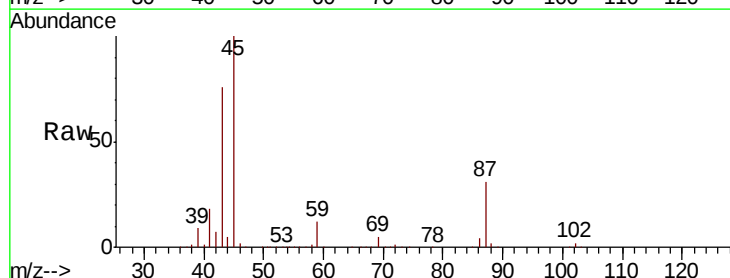
Ion Ratio Lower Upper

45 100

43 75.7 63.3 94.9

87 31.3 25.8 38.8

59 11.9 9.6 14.4



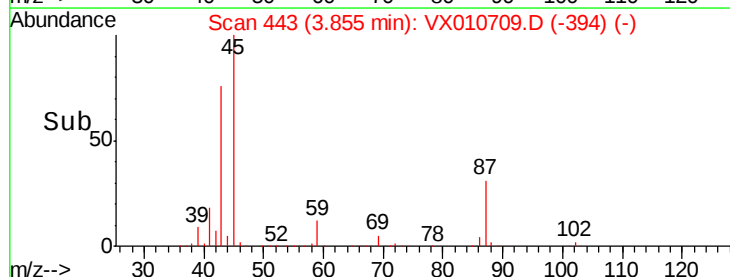
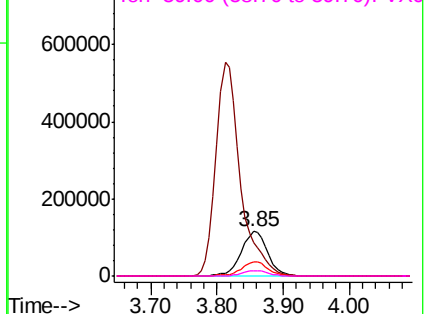
Abundance

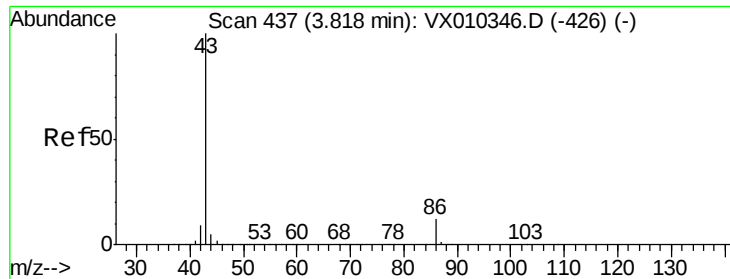
Ion 45.00 (44.70 to 45.70): VX0

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: 282.402 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

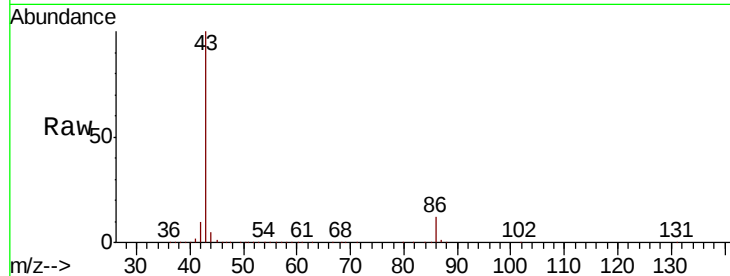
VSTDCCC050EC

Tot Ion: 43 Resp: 1428851

Ion Ratio Lower Upper

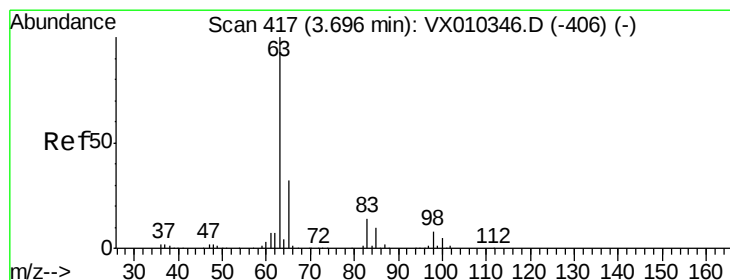
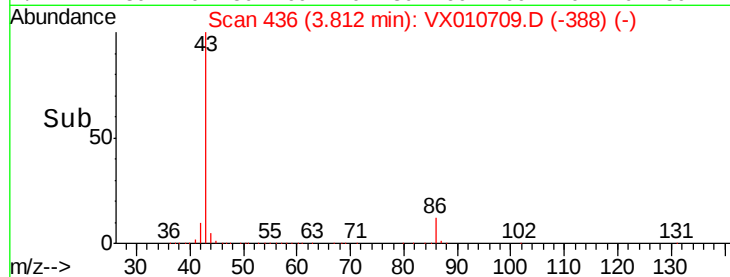
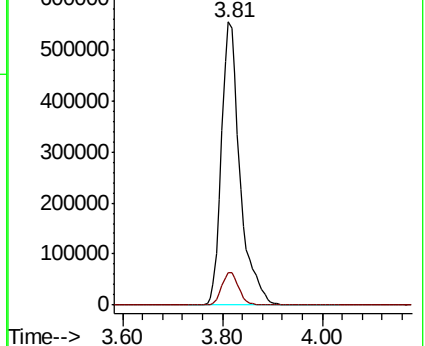
43 100

86 11.6 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: 54.325 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

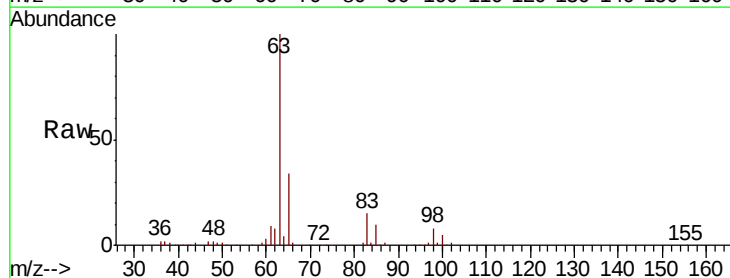
Tgt Ion: 63 Resp: 183913

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

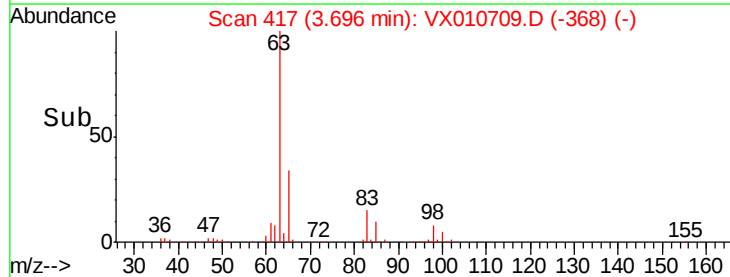
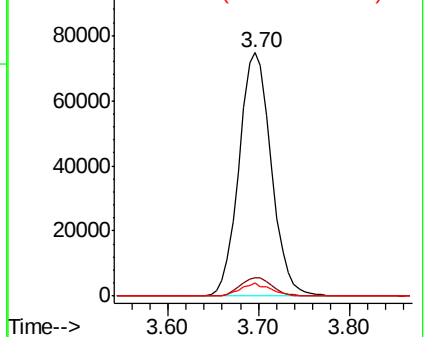
100 5.3 2.4 7.1

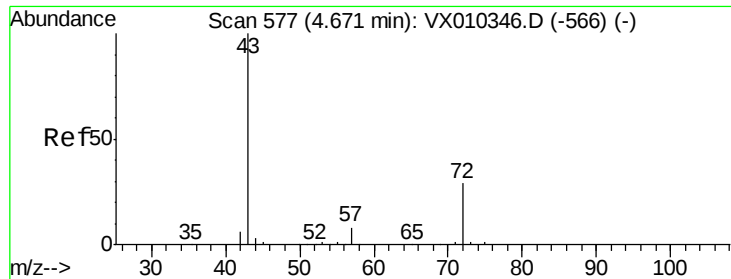


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.826 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

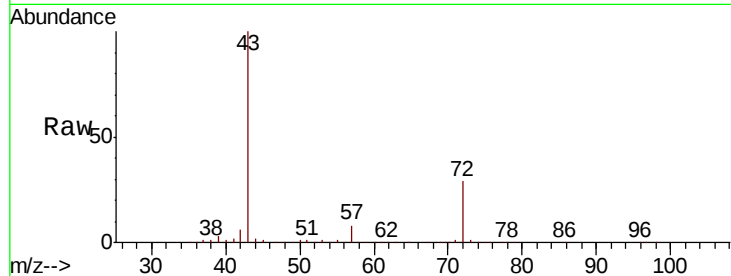
VSTDCCC050EC

Tot Ion: 43 Resp: 402975

Ion Ratio Lower Upper

43 100

72 28.6 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

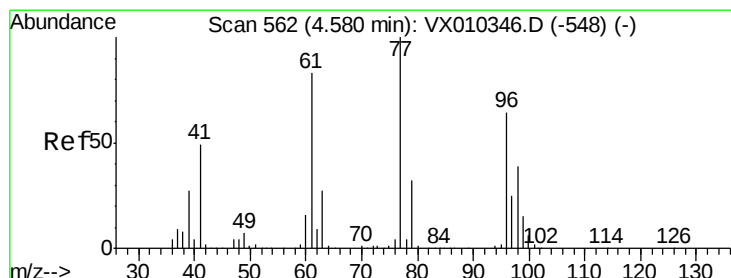
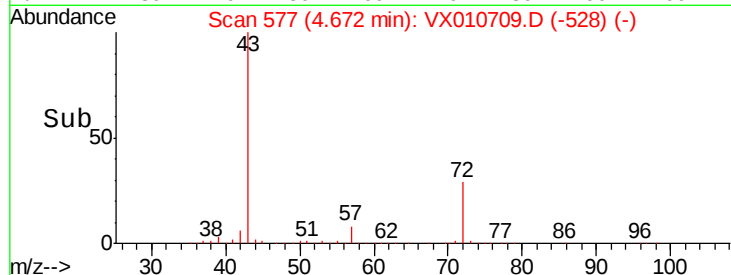
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.312 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010709.D

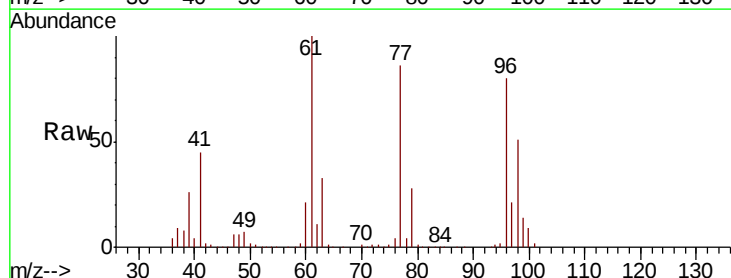
Acq: 08 Jul 2019 20:29

Tgt Ion: 77 Resp: 139141

Ion Ratio Lower Upper

77 100

97 25.2 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

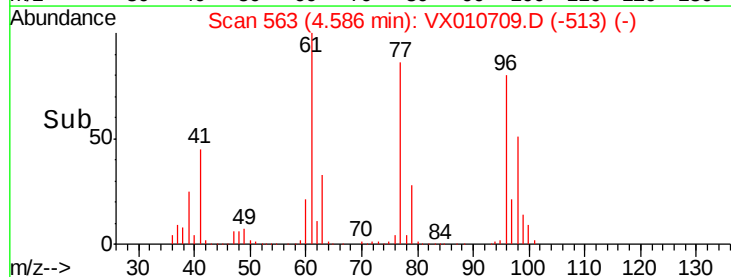
20000

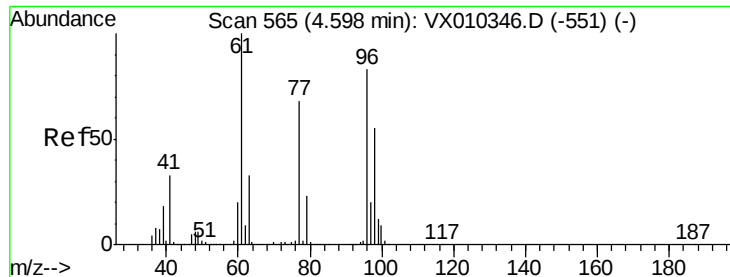
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



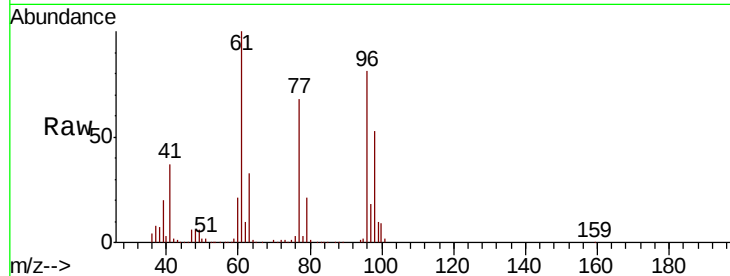


#27

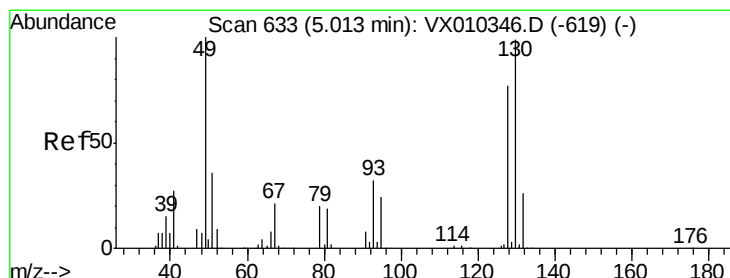
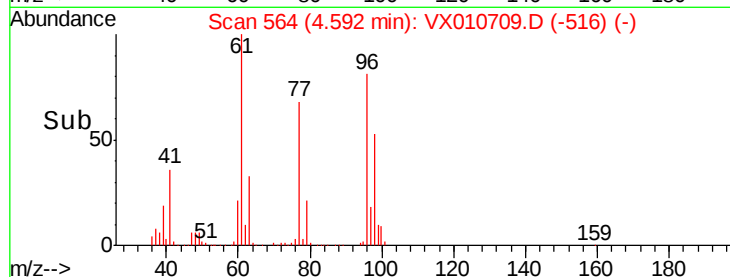
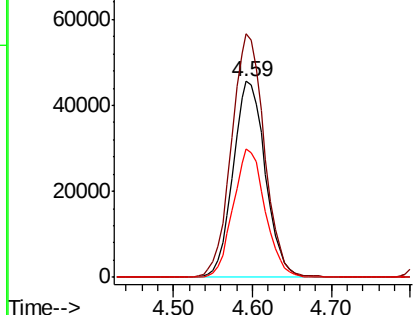
cis-1,2-Dichloroethene
Concen: 53.037 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 130061
Ion Ratio Lower Upper
96 100
61 126.5 0.0 251.8
98 64.7 0.0 129.4



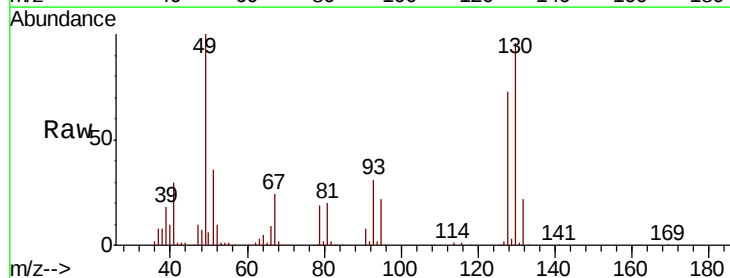
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



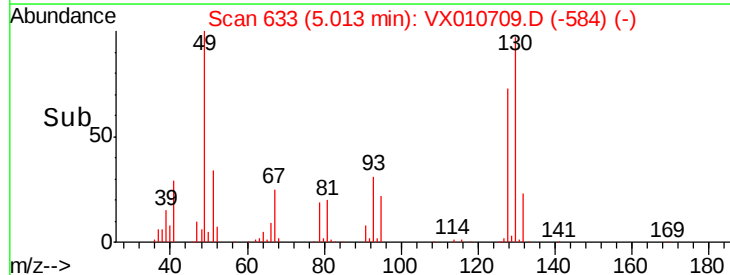
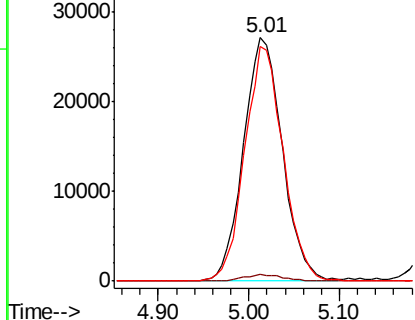
#28

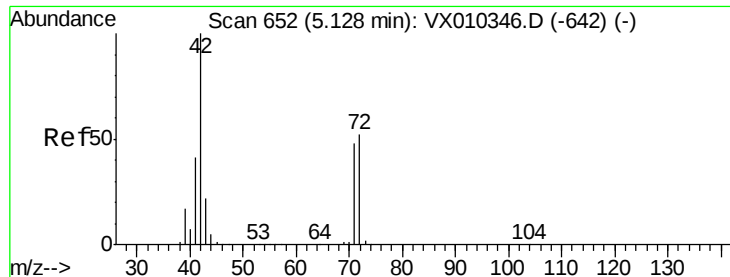
Bromochloromethane
Concen: 49.797 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 49 Resp: 80603
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 94.7 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

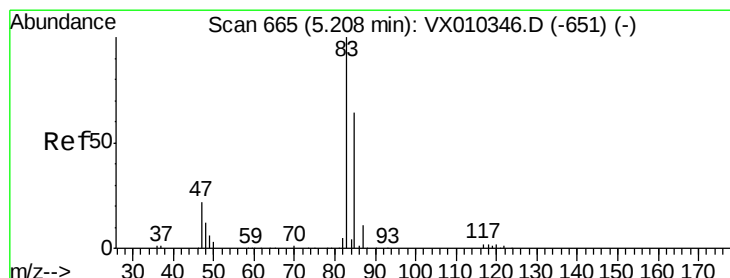
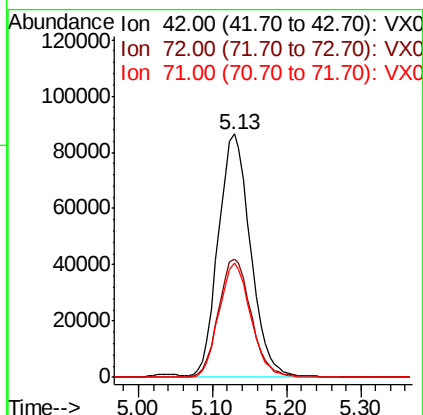
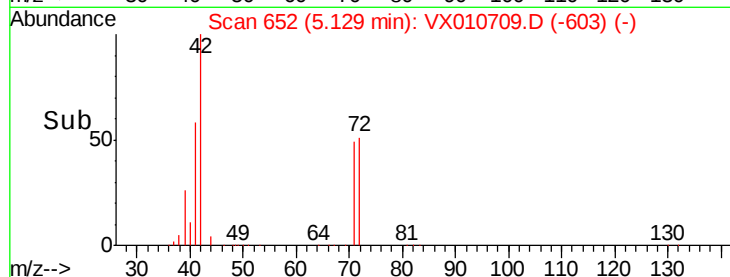
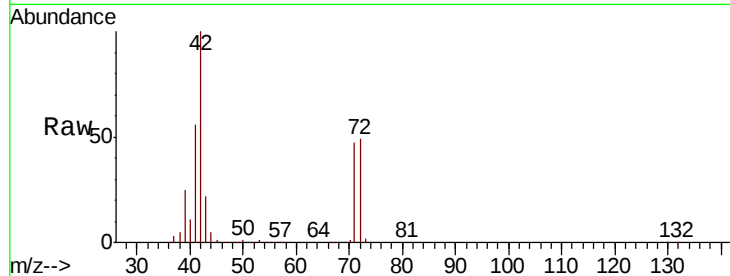




#29
Tetrahydrofuran
Concen: 267.902 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

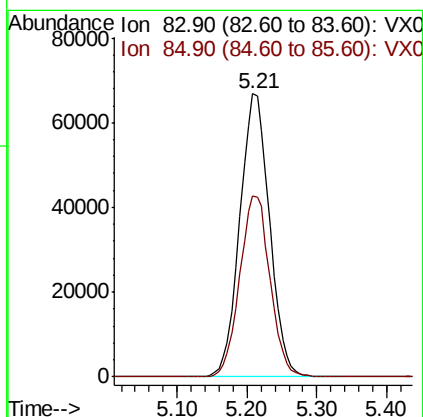
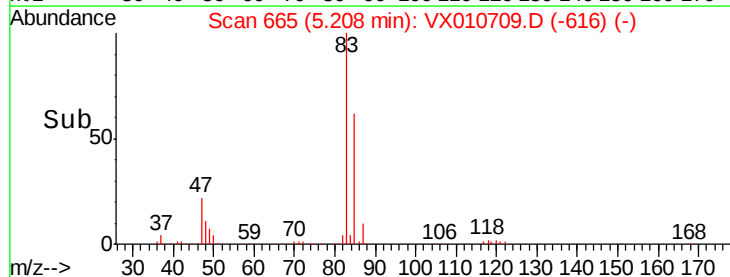
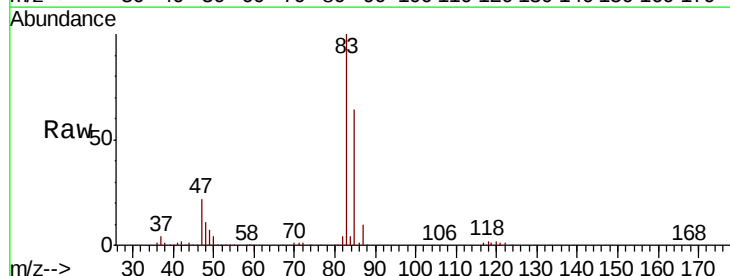
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

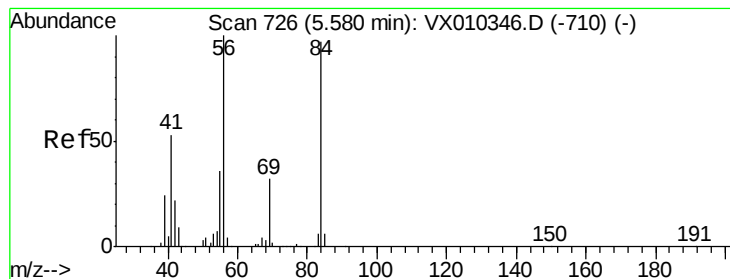
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	40.6	60.8
71	46.5	37.8	56.8



#30
Chloroform
Concen: 54.282 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 53.866 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

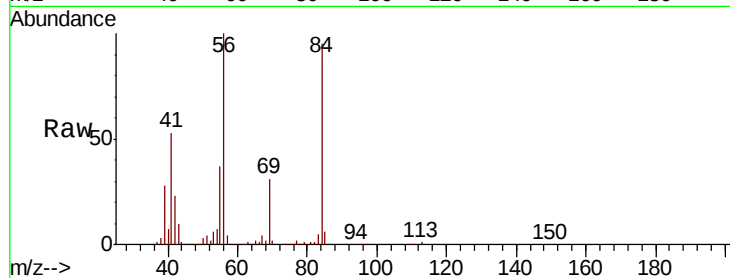
Tot Ion: 56 Resp: 166066

Ion Ratio Lower Upper

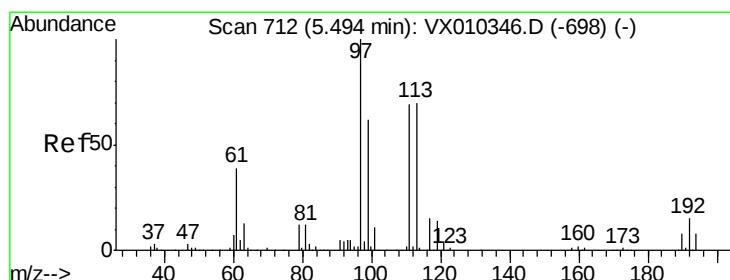
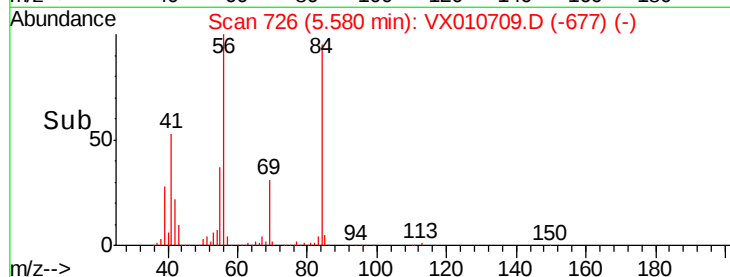
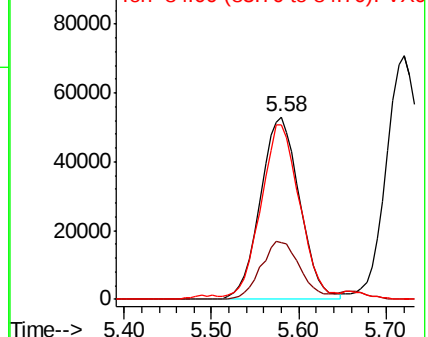
56 100

69 31.3 25.9 38.9

84 94.1 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: 55.100 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

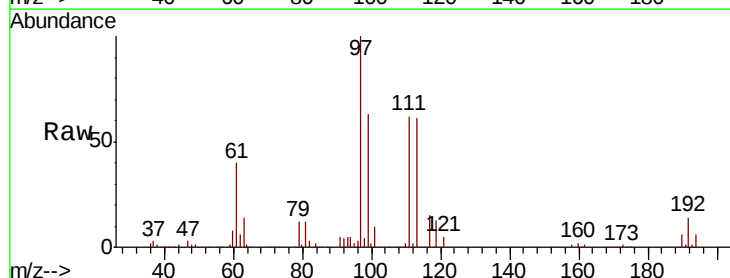
Tgt Ion: 97 Resp: 177221

Ion Ratio Lower Upper

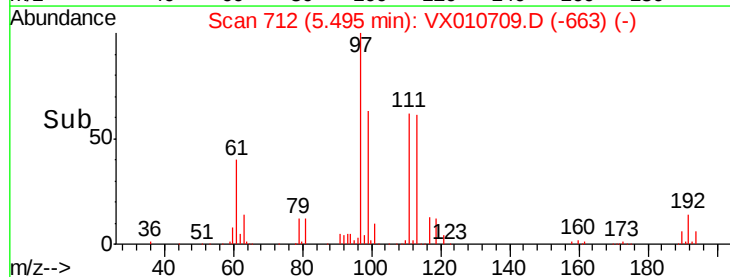
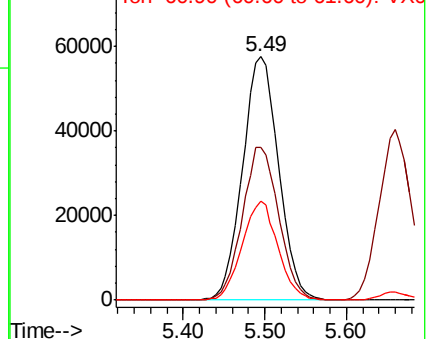
97 100

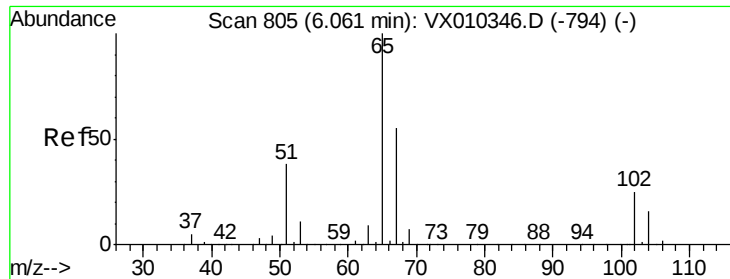
99 63.5 51.8 77.8

61 40.2 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

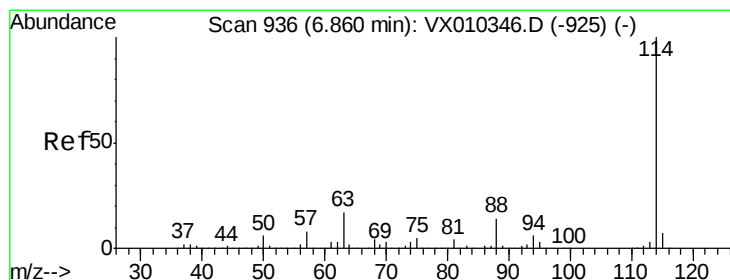
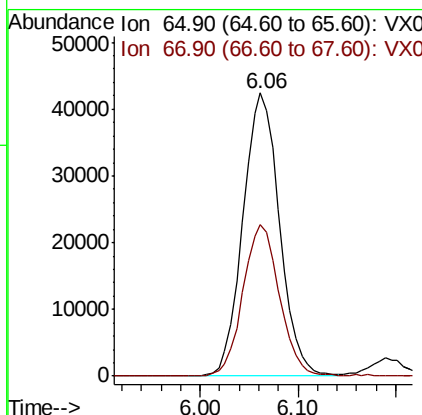
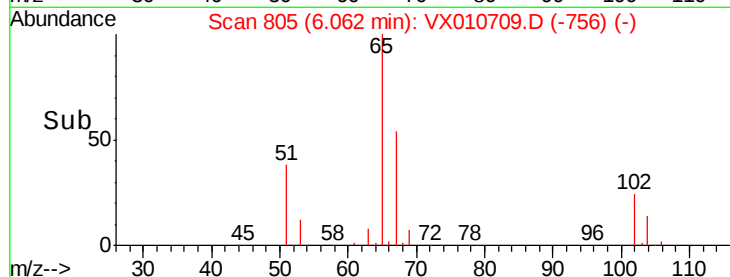
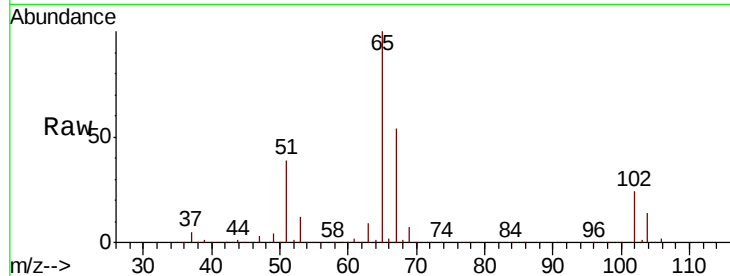




#33
 1,2-Dichloroethane-d4
 Concen: 51.731 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

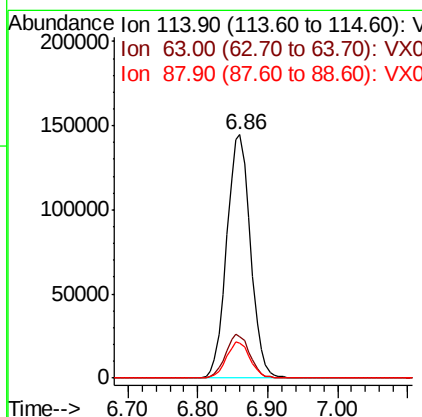
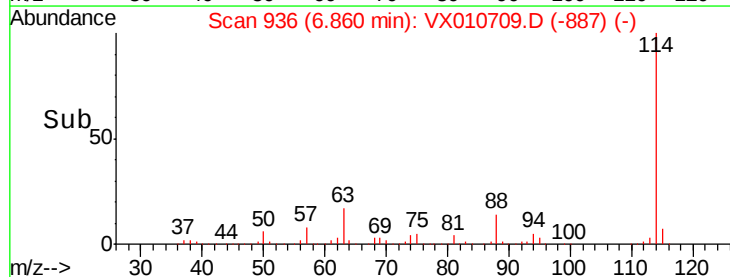
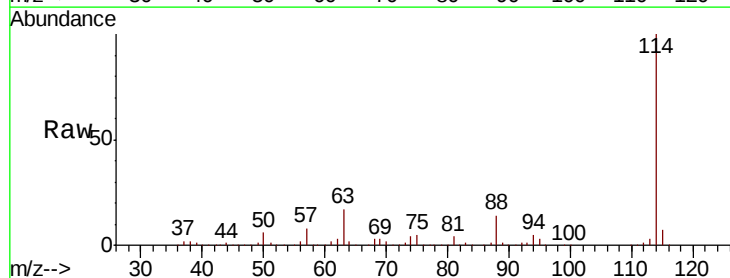
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

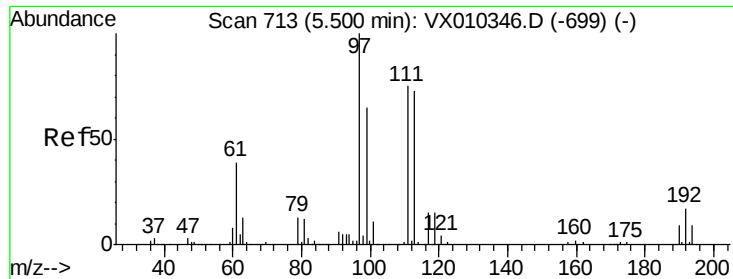
Tot Ion: 65 Resp: 110412
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 114 Resp: 342054
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.4 0.0 27.6

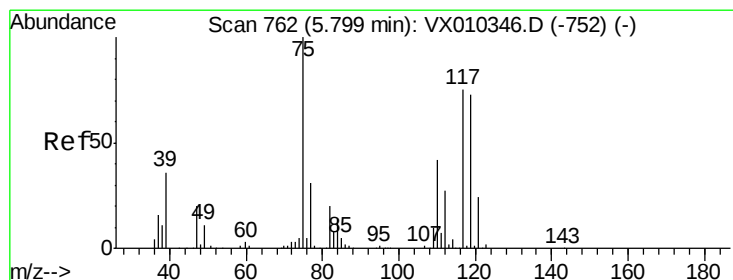
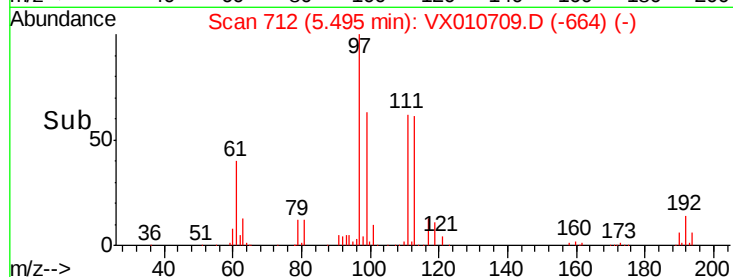
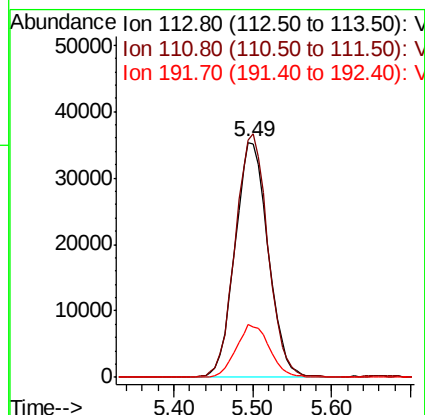
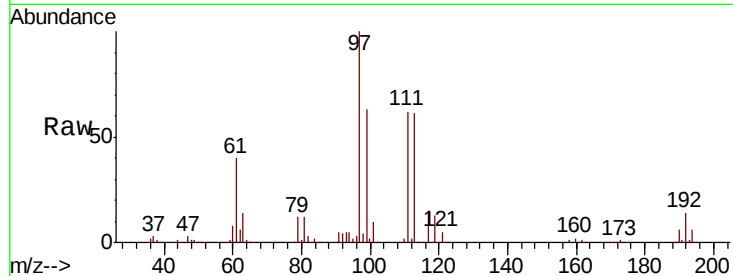




#35
 Dibromofluoromethane
 Concen: 49.481 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

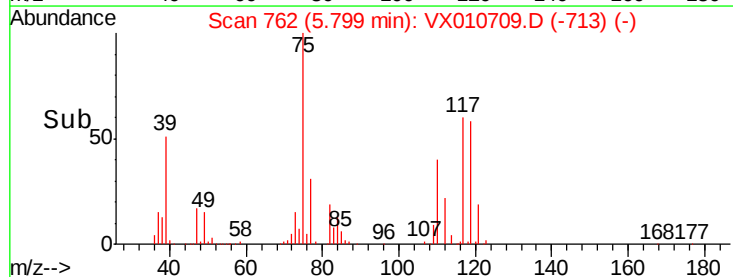
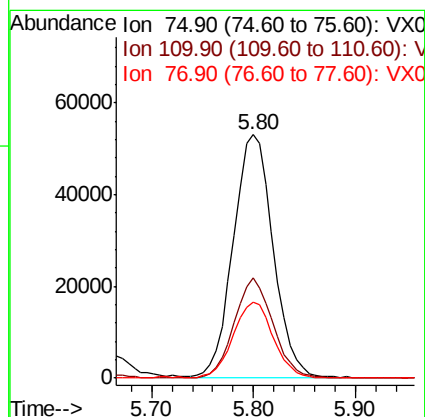
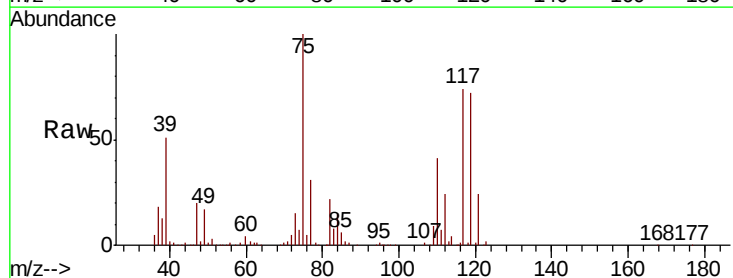
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

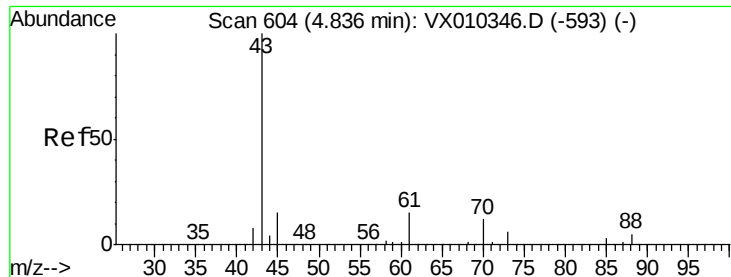
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	22.3	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 52.520 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	20.8	62.2
77	31.2	25.4	38.0





#37

Ethyl Acetate

Concen: 55.398 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

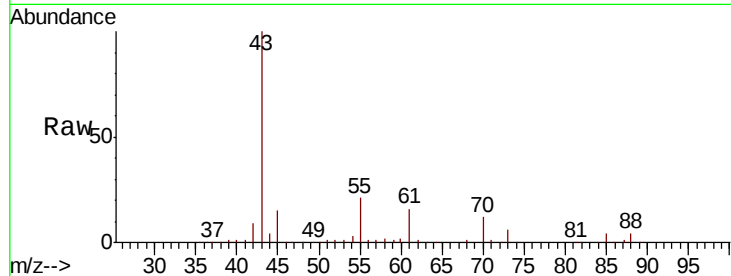
Tot Ion: 43 Resp: 154909

Ion Ratio Lower Upper

43 100

61 14.9 12.4 18.6

70 11.2 9.8 14.8

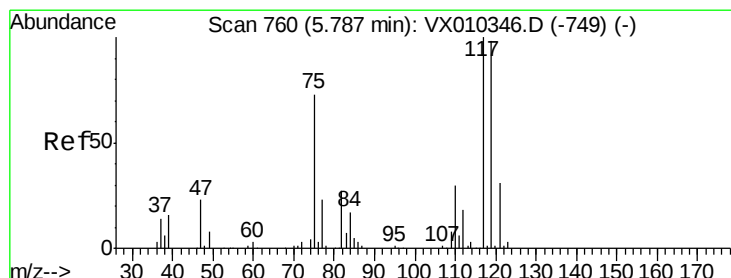
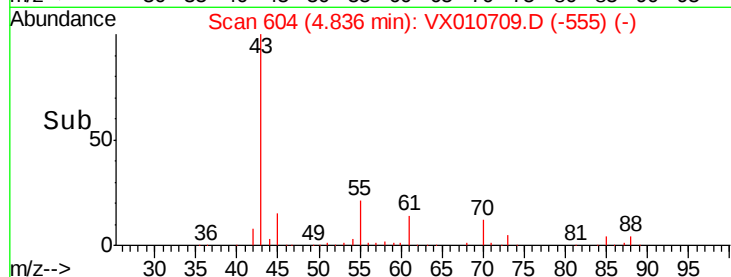
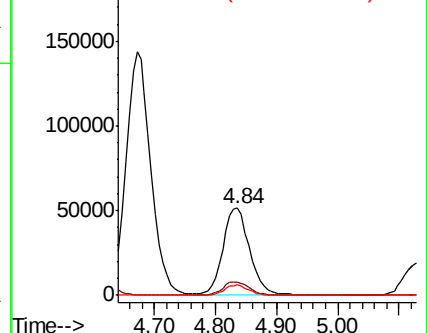


Abundance

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: 53.174 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

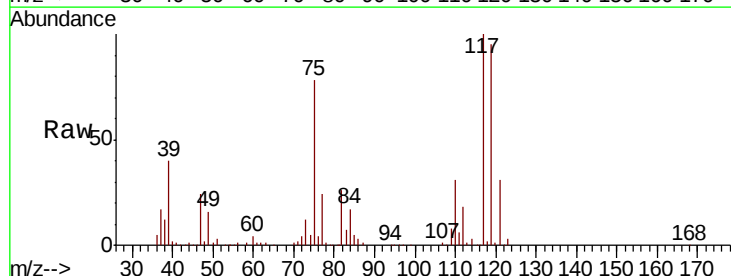
Tgt Ion: 117 Resp: 156513

Ion Ratio Lower Upper

117 100

119 95.2 78.2 117.4

121 31.2 24.7 37.1

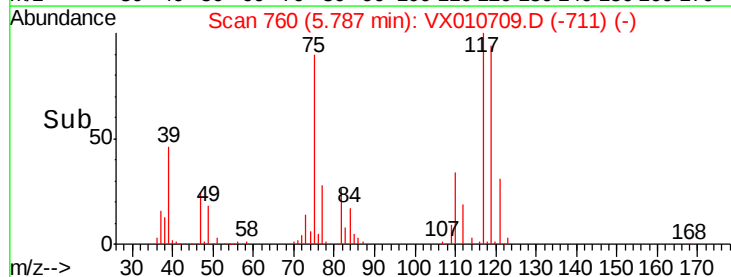
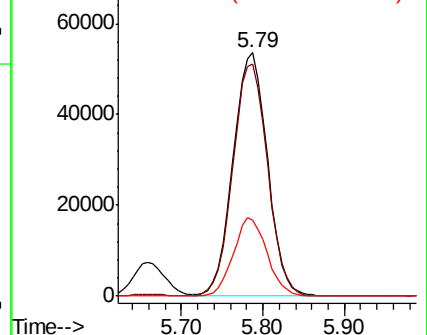


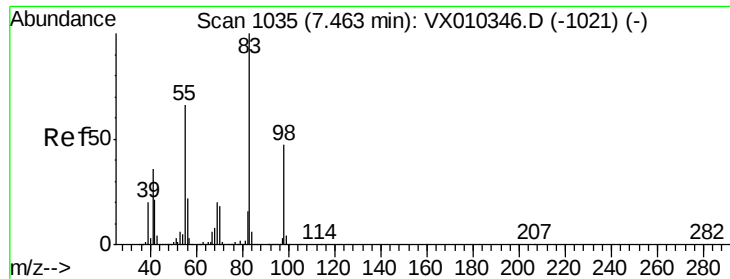
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

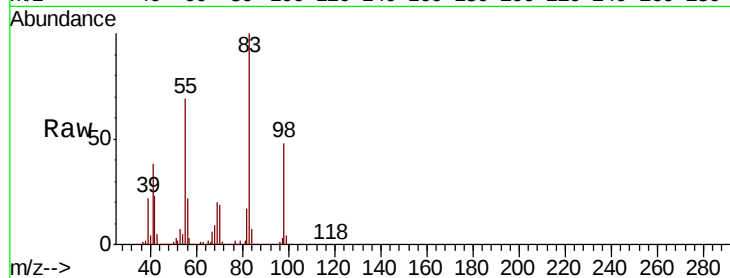




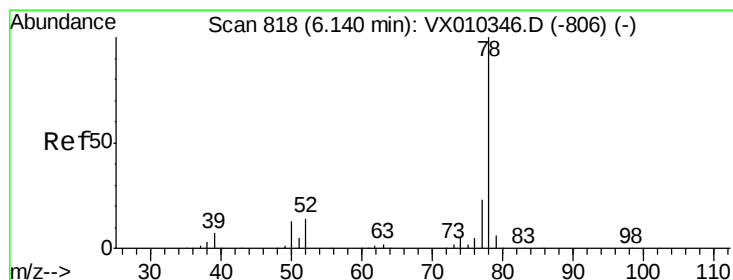
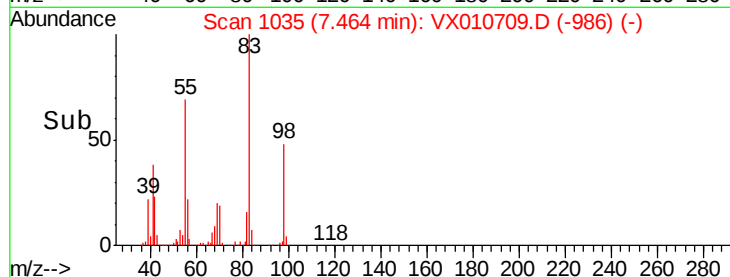
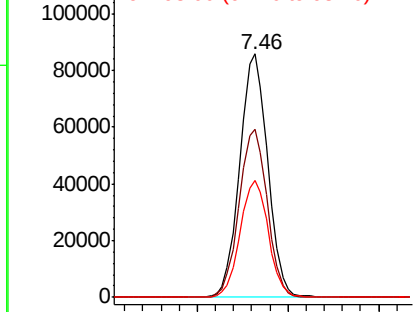
#39
Methvlcvclohexane
Concen: 51.400 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 183647
Ion Ratio Lower Upper
83 100
55 69.0 53.0 79.6
98 48.0 37.8 56.8

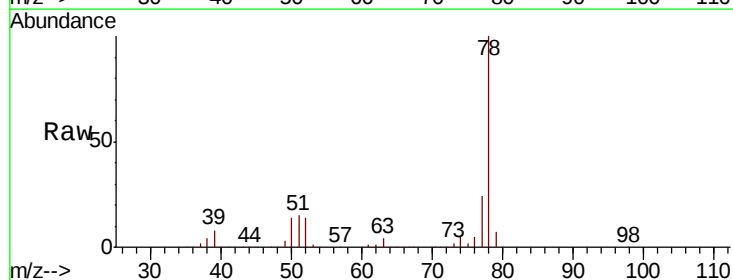


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

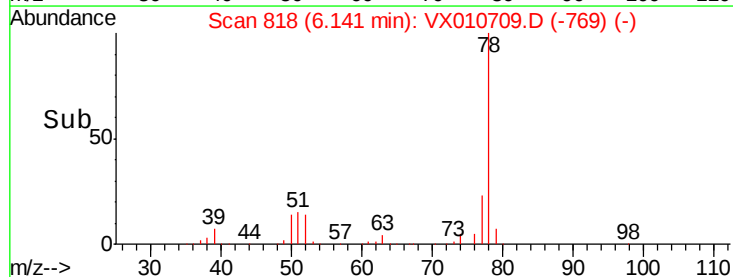
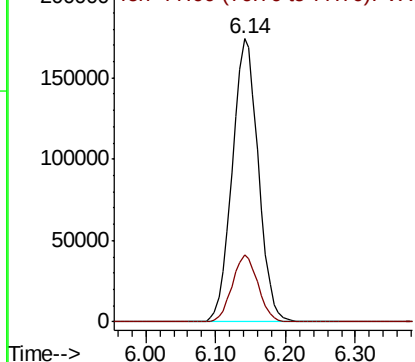


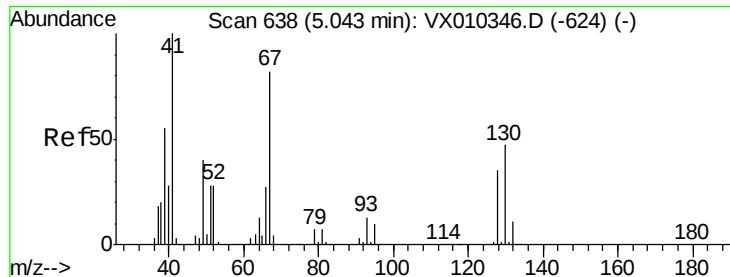
#40
Benzene
Concen: 52.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 78 Resp: 448345
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

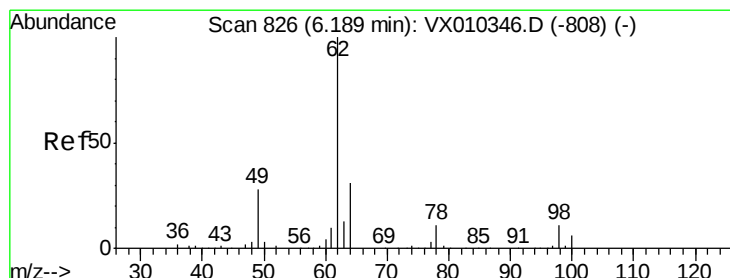
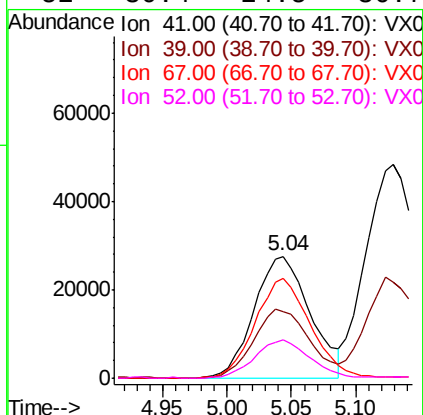
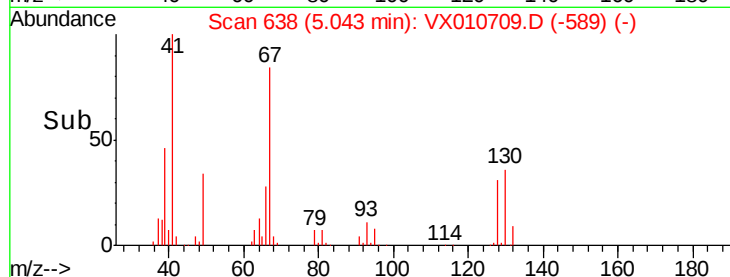
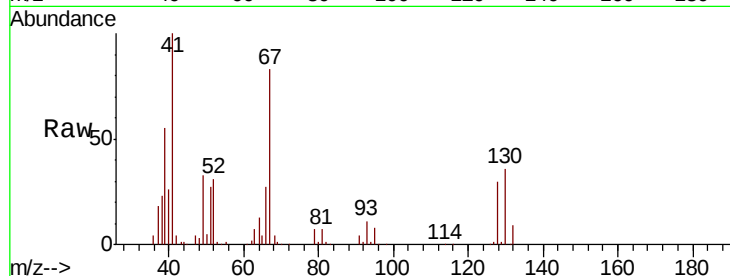




#41
Methacrylonitrile
Concen: 53.840 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

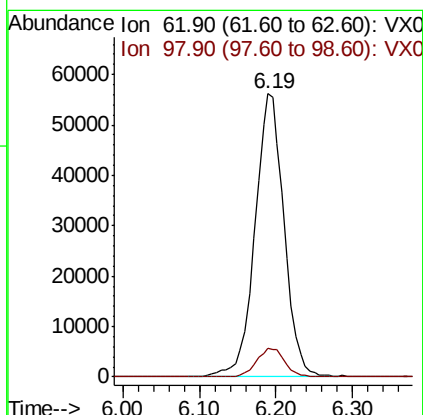
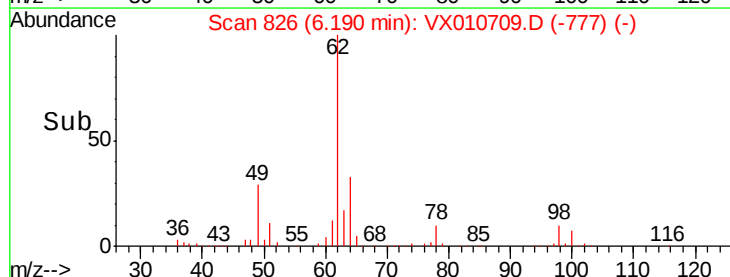
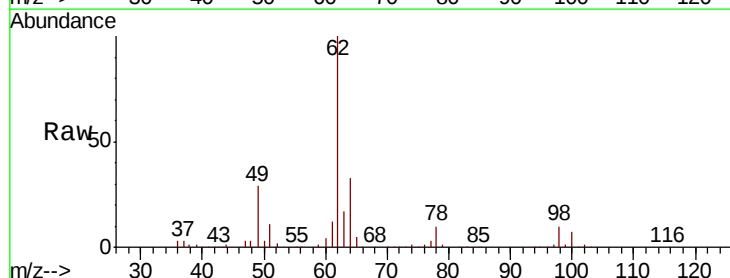
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

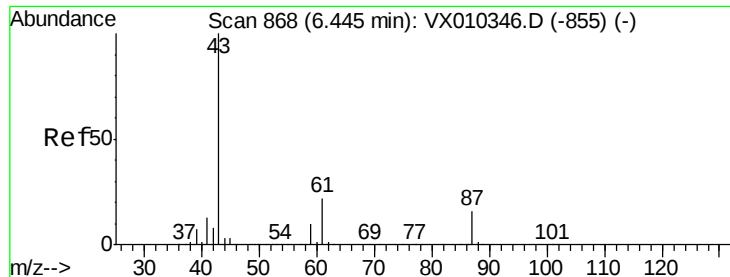
Tot Ion: 41 Resp: 82606
Ion Ratio Lower Upper
41 100
39 56.7 43.8 65.8
67 82.0 66.6 100.0
52 30.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 57.492 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 62 Resp: 148202
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.2





#43

Isopropyl Acetate

Concen: 54.856 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

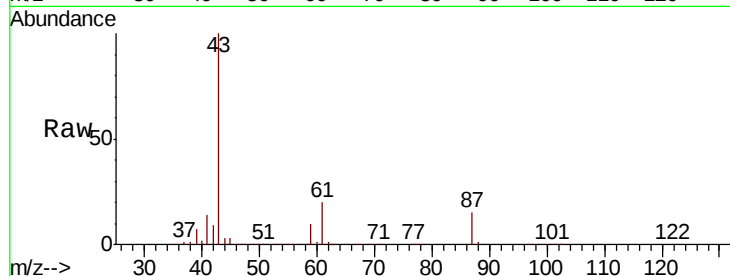
Tot Ion: 43 Resp: 253790

Ion Ratio Lower Upper

43 100

61 20.8 17.8 26.6

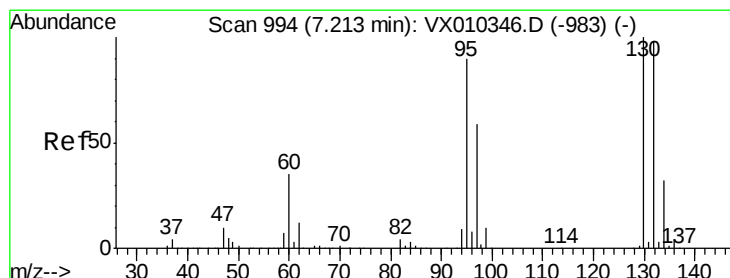
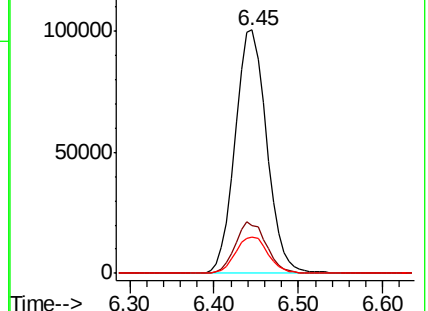
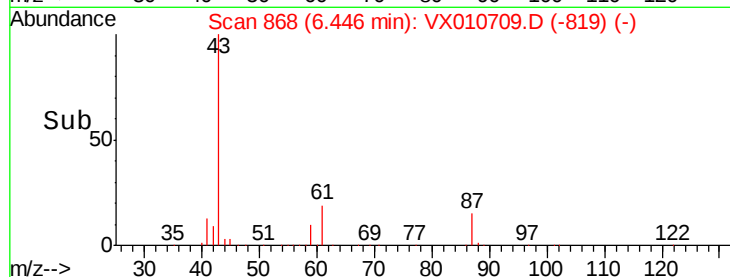
87 15.5 13.0 19.4



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: 51.736 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010709.D

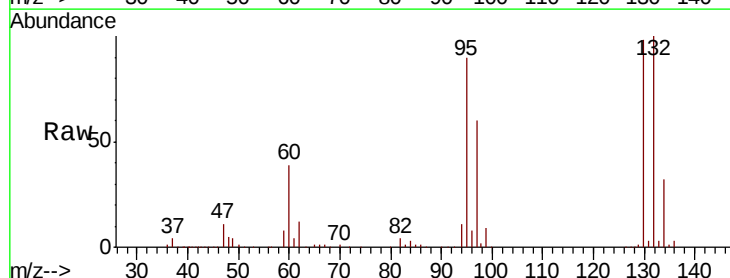
Acq: 08 Jul 2019 20:29

Tgt Ion:130 Resp: 131095

Ion Ratio Lower Upper

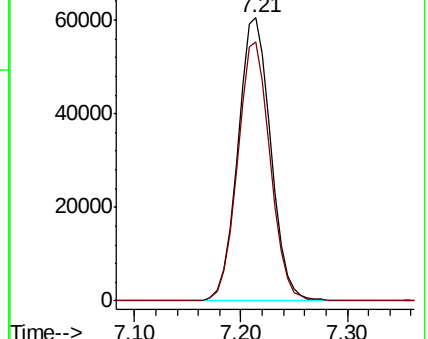
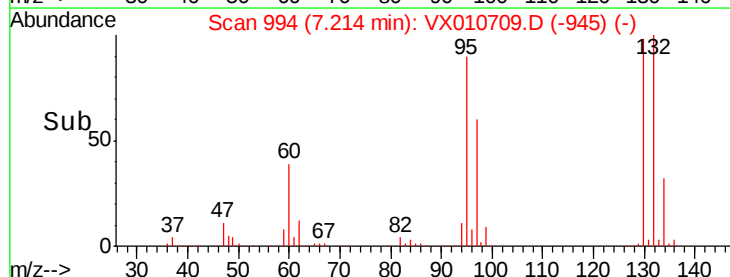
130 100

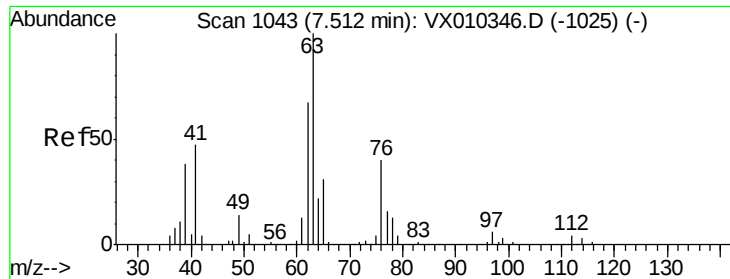
95 91.7 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

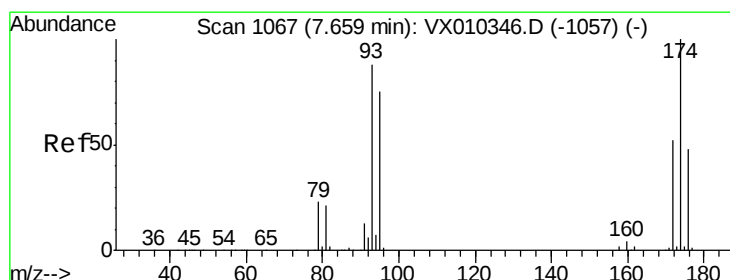
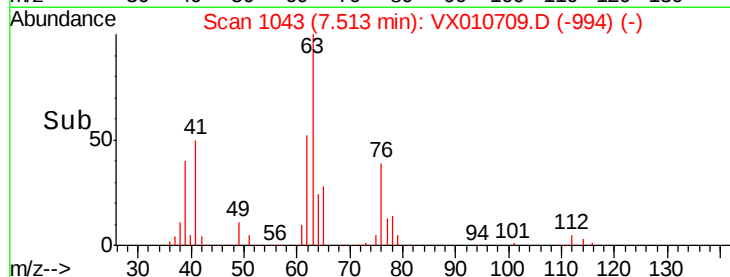
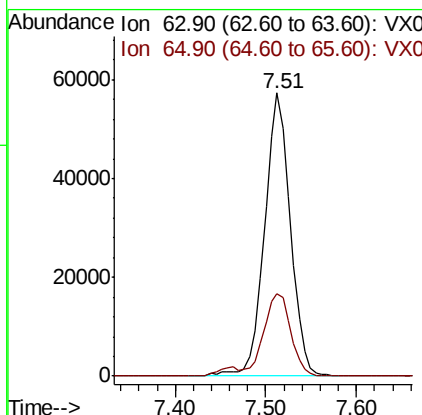
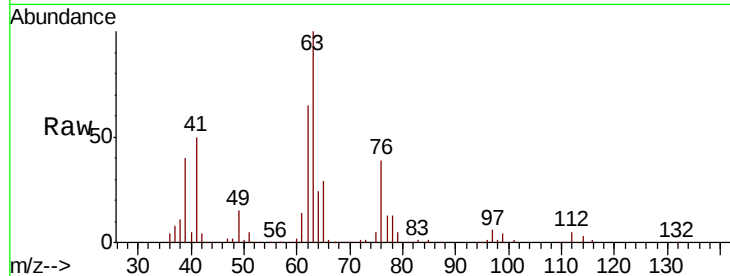




#45
 1,2-Dichloropropane
 Concen: 52.647 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

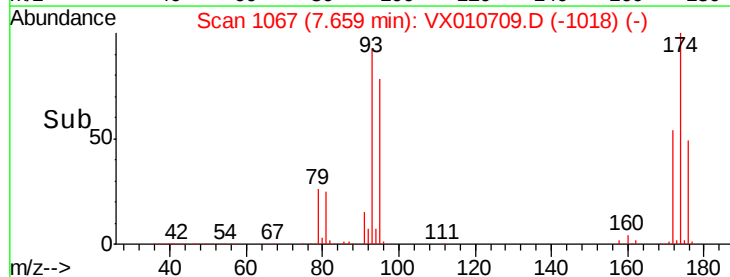
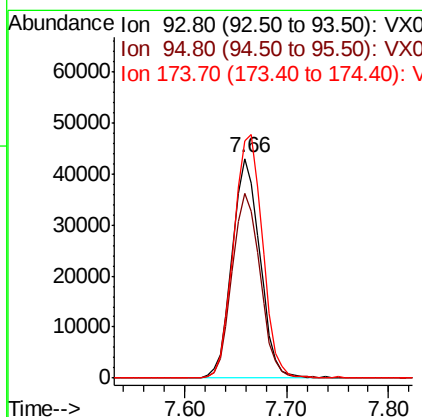
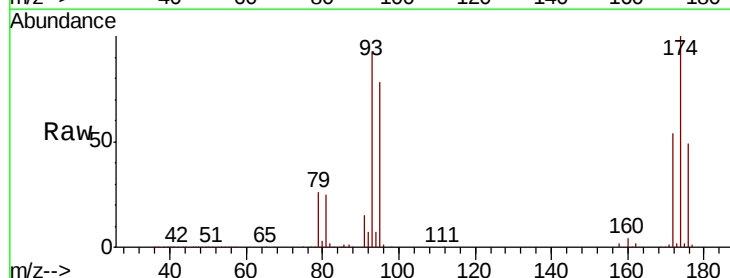
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

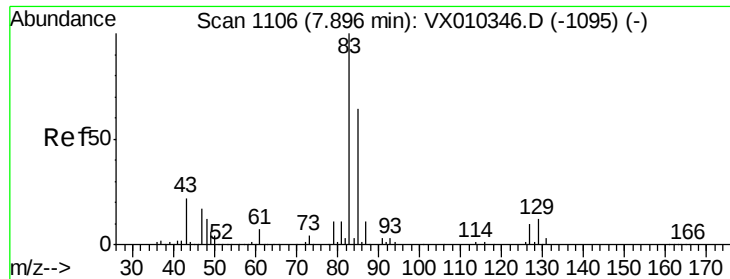
Tot Ion: 63 Resp: 112585
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.8 37.2



#46
 Dibromomethane
 Concen: 52.956 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 93 Resp: 81251
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 115.4 95.8 143.6





#47

Bromodichloromethane

Concen: 53.038 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

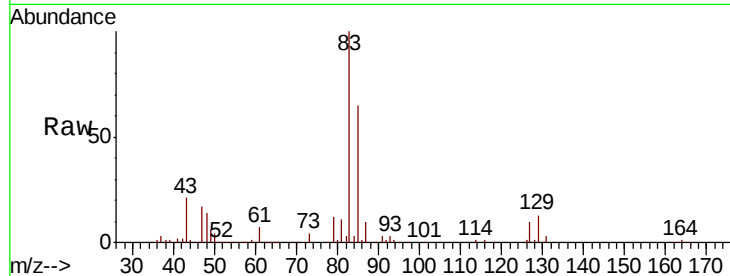
Tot Ion: 83 Resp: 149133

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

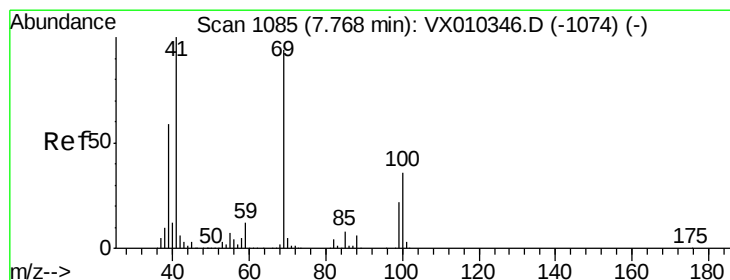
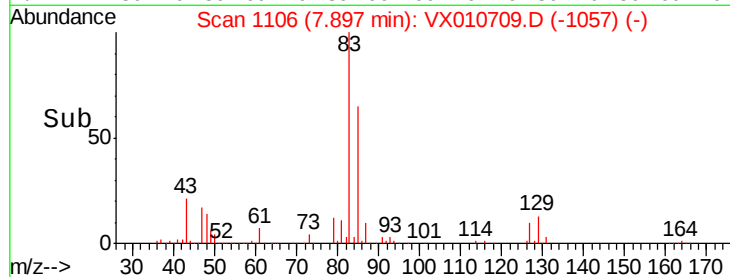
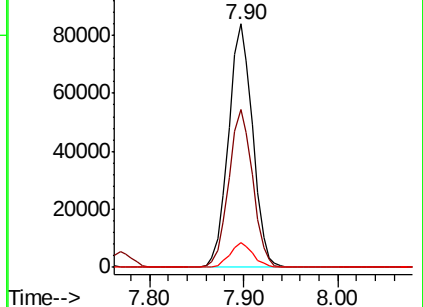
127 10.1 7.8 11.8



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: 56.193 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

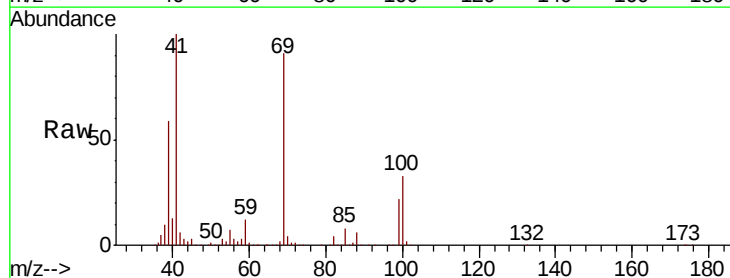
Tgt Ion: 41 Resp: 120840

Ion Ratio Lower Upper

41 100

69 92.0 76.1 114.1

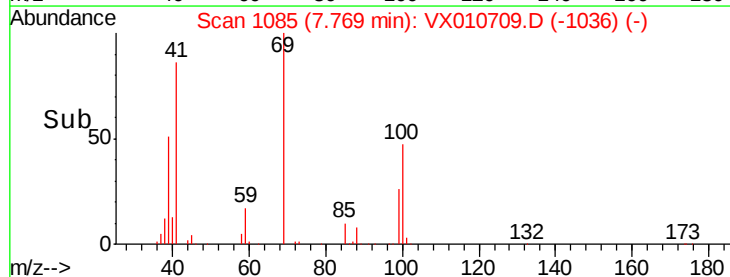
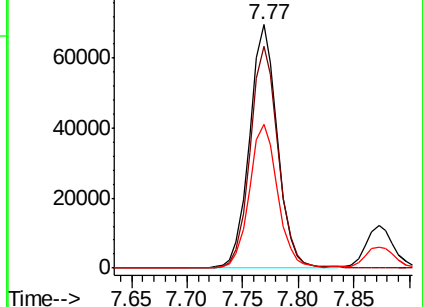
39 59.3 47.6 71.4

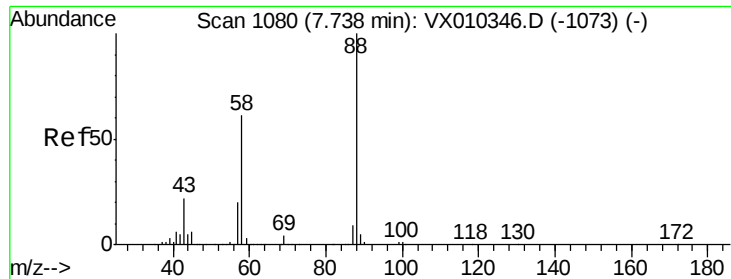


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

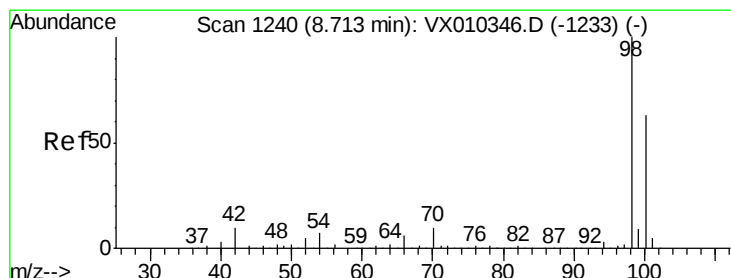
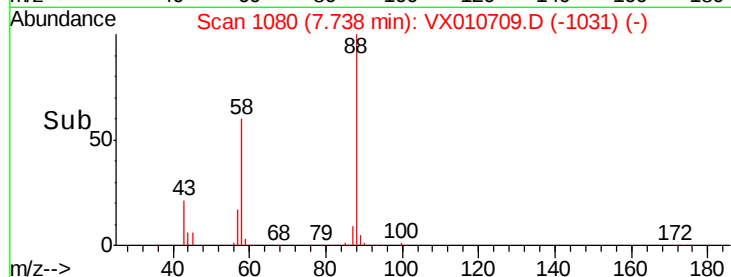
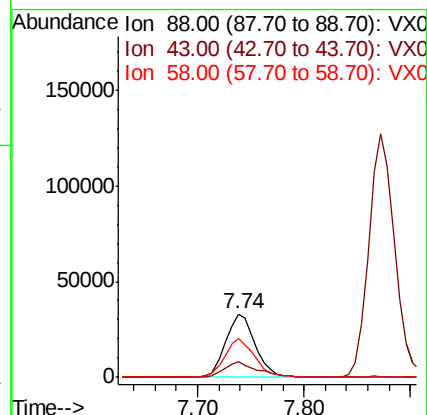
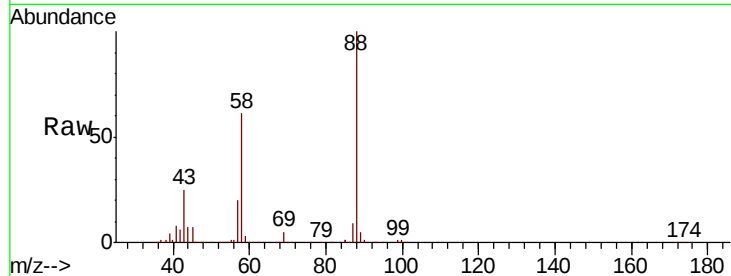




#49
1,4-Dioxane
Concen: 1031.723 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

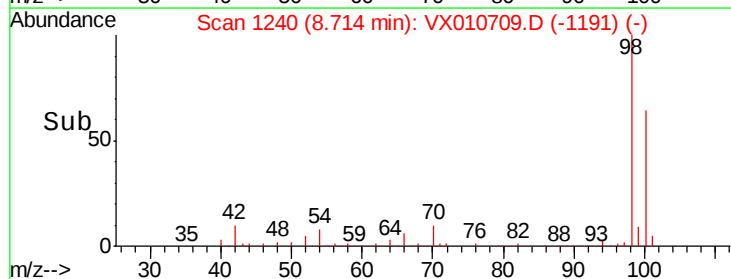
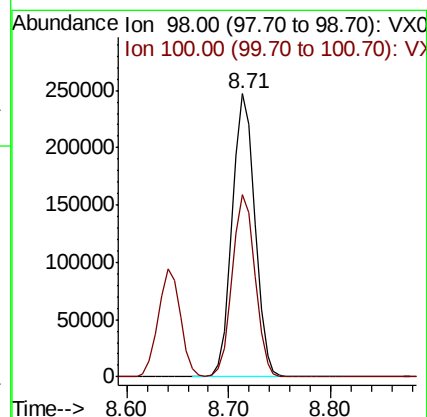
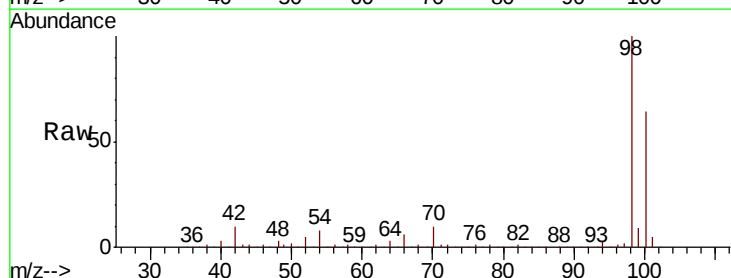
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

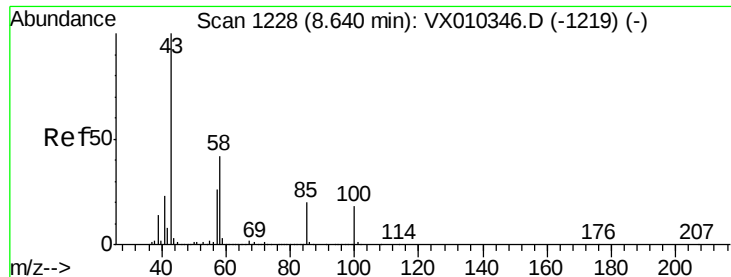
Tot Ion: 88 Resp: 63914
Ion Ratio Lower Upper
88 100
43 27.0 20.2 30.2
58 61.7 49.5 74.3



#50
Toluene-d8
Concen: 47.537 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 98 Resp: 380612
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 279.131 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

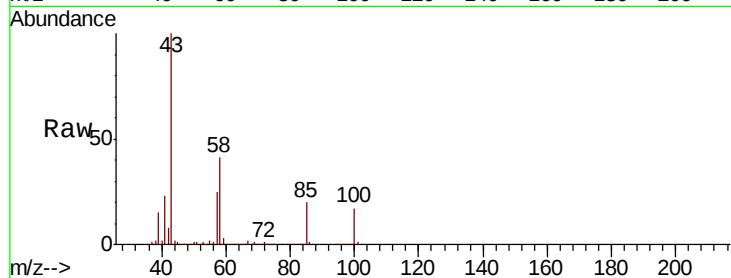
VSTDCCC050EC

Tot Ion: 43 Resp: 825924

Ion Ratio Lower Upper

43 100

58 40.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

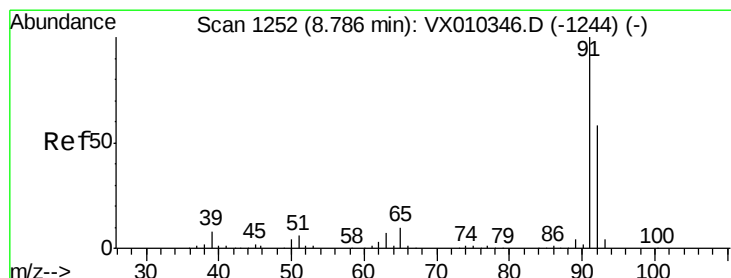
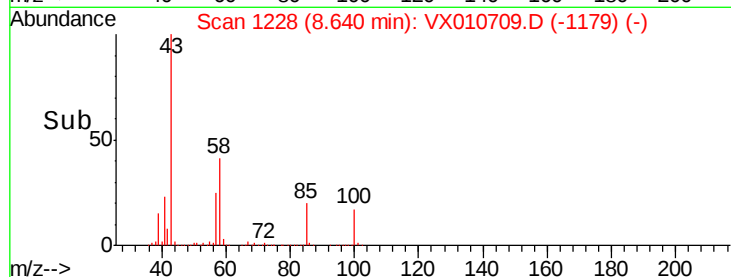
300000

200000

100000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 52.717 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010709.D

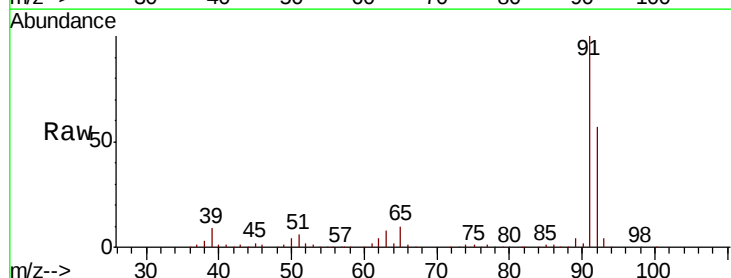
Acq: 08 Jul 2019 20:29

Tgt Ion: 92 Resp: 293988

Ion Ratio Lower Upper

92 100

91 173.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

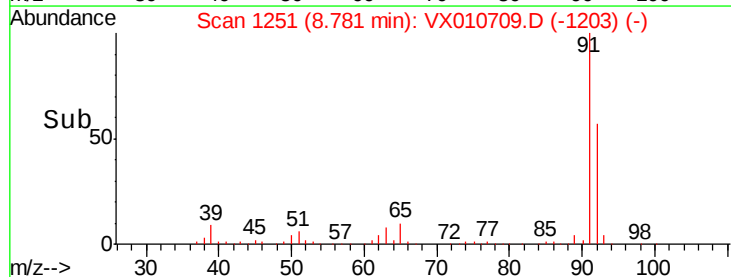
300000

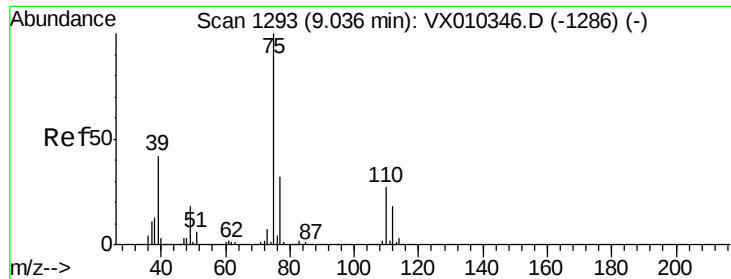
200000

100000

0

Time--> 8.70 8.75 8.80 8.85 8.90

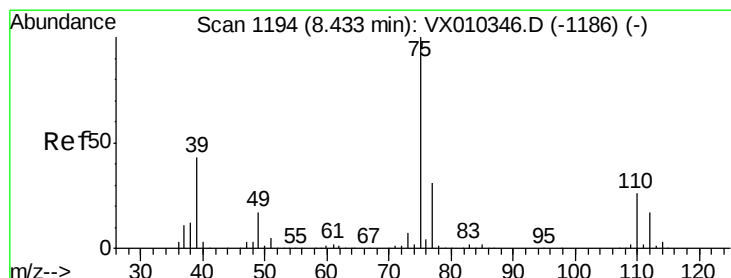
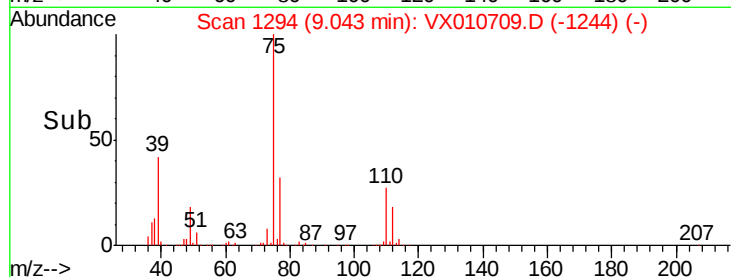
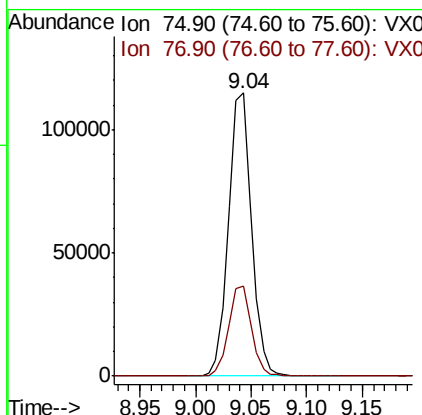
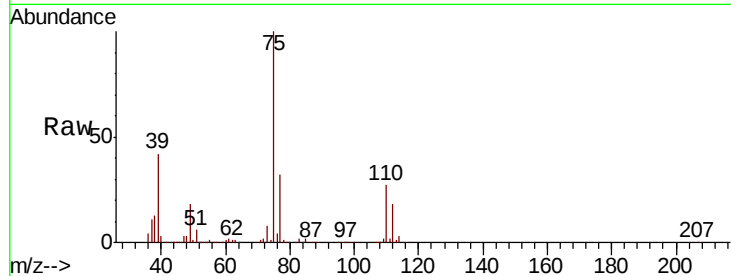




#53
 t-1,3-Dichloropropene
 Concen: 52.276 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

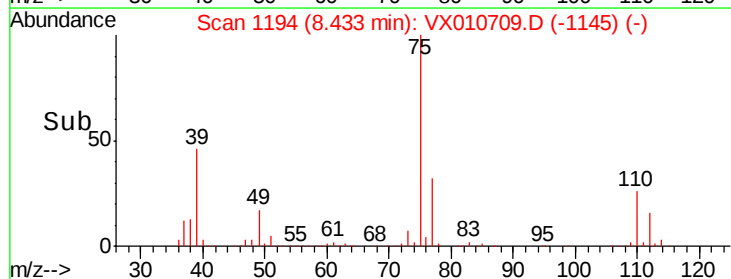
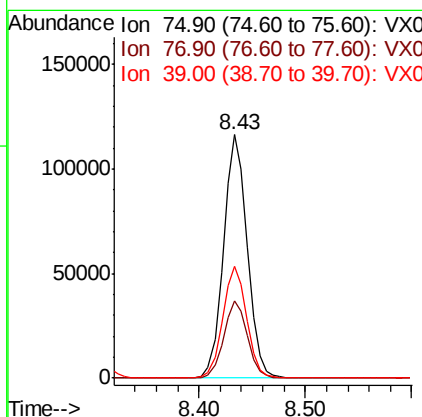
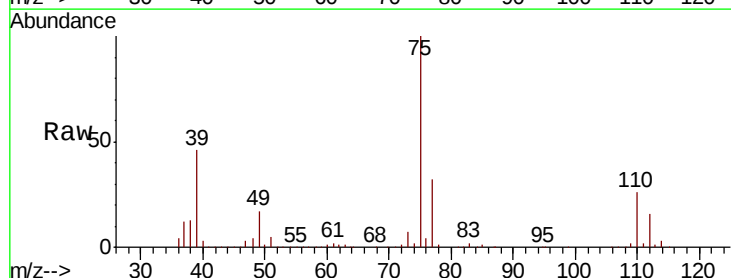
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

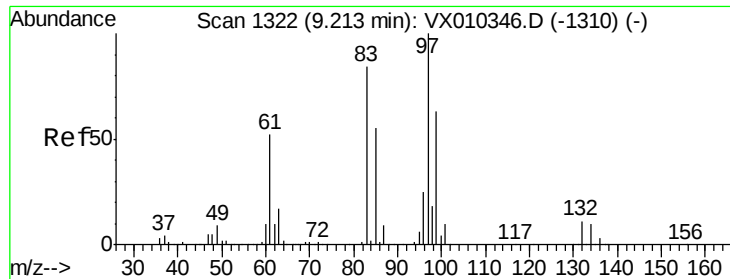
Tot Ion: 75 Resp: 164797
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.749 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 75 Resp: 180707
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 45.7 34.5 51.7

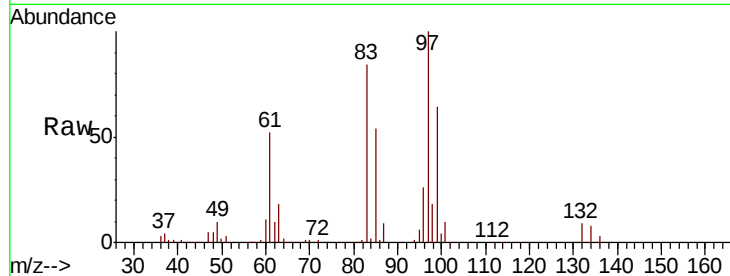




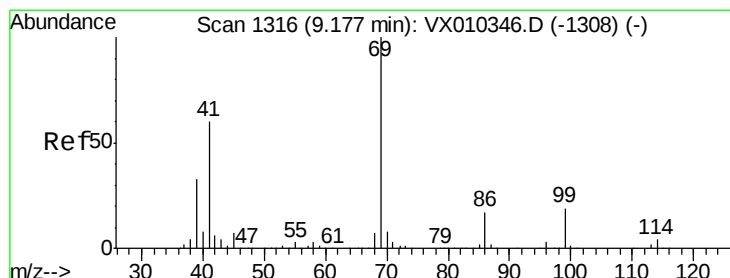
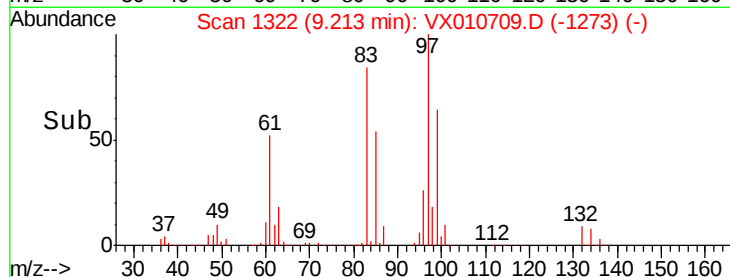
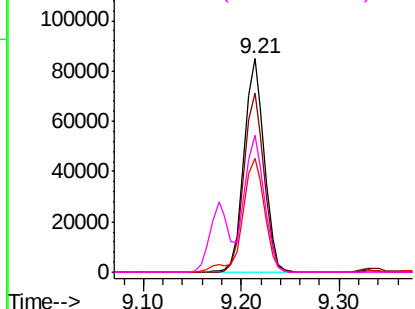
#55
 1,1,2-Trichloroethane
 Concen: 53.107 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 122144
 Ion Ratio Lower Upper
 97 100
 83 83.6 67.4 101.0
 85 53.6 43.8 65.8
 99 63.8 50.3 75.5

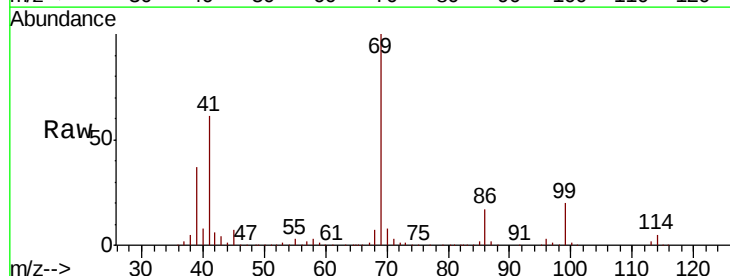


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

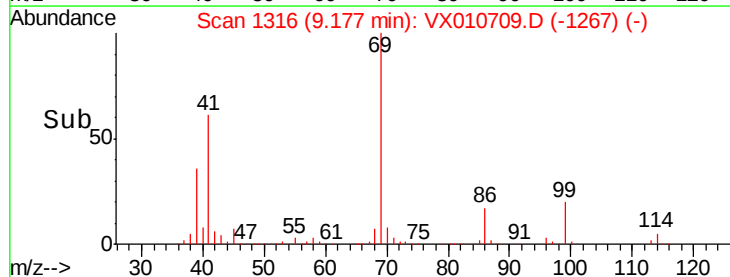
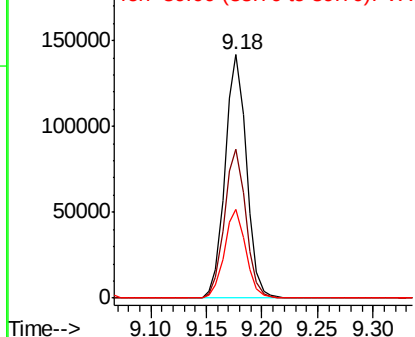


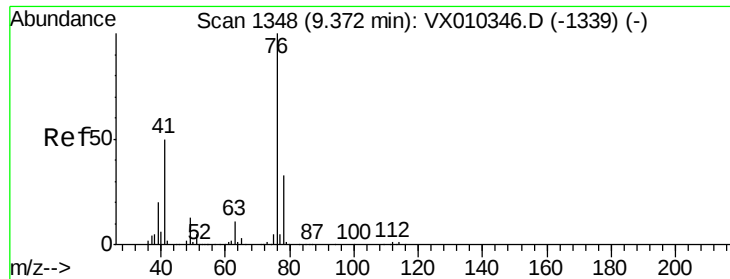
#56
 Ethyl methacrylate
 Concen: 54.382 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 69 Resp: 189474
 Ion Ratio Lower Upper
 69 100
 41 61.1 47.1 70.7
 39 36.1 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: 53.573 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

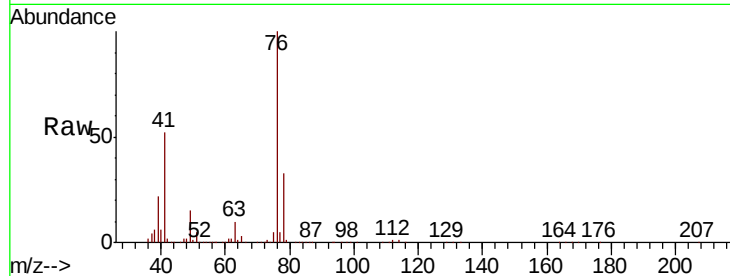
VSTDCCC050EC

Tot Ion: 76 Resp: 191267

Ion Ratio Lower Upper

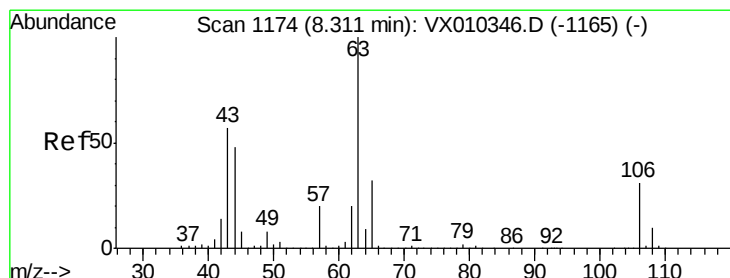
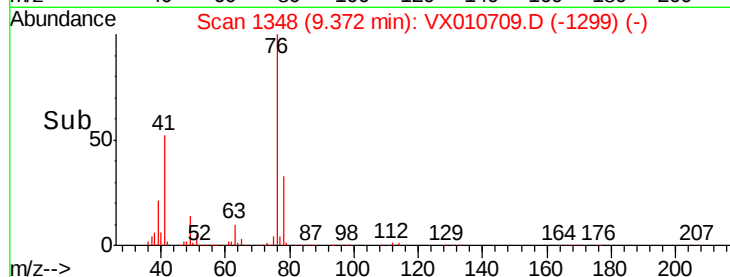
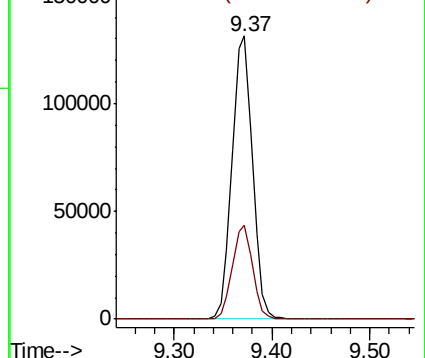
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 234.734 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010709.D

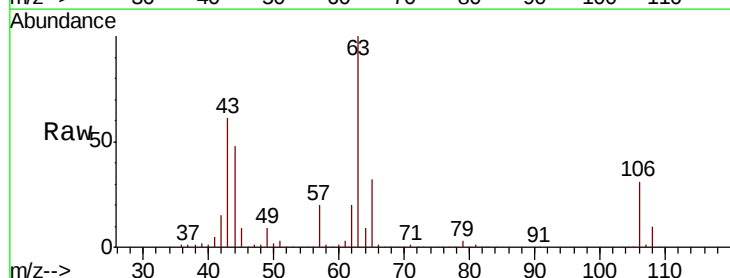
Acq: 08 Jul 2019 20:29

Tgt Ion: 63 Resp: 388414

Ion Ratio Lower Upper

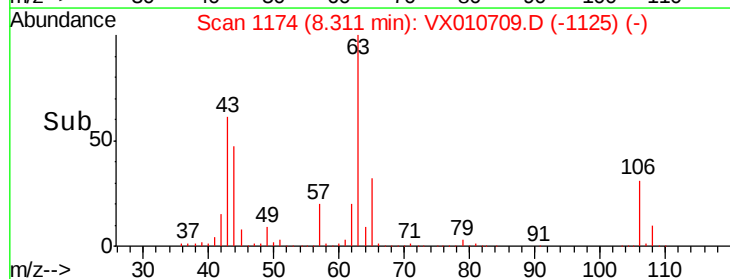
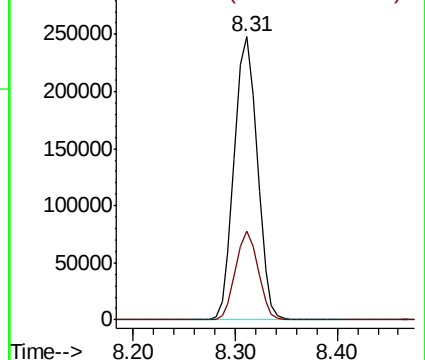
63 100

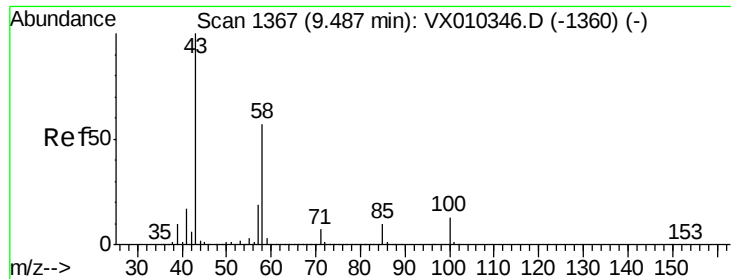
106 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

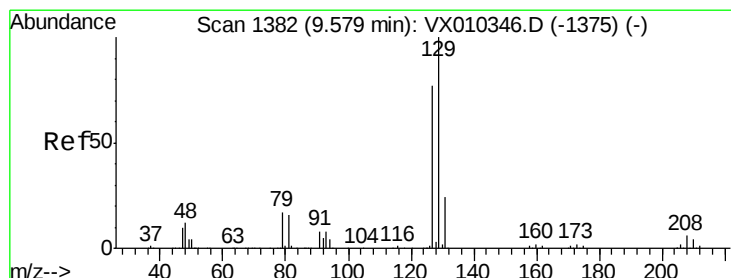
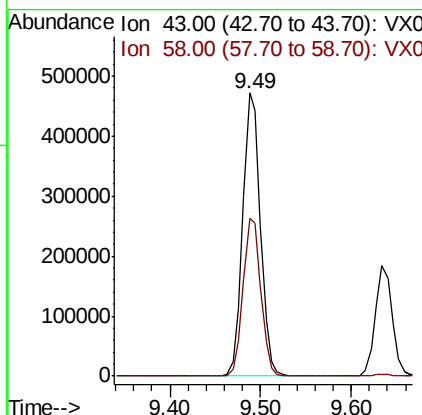
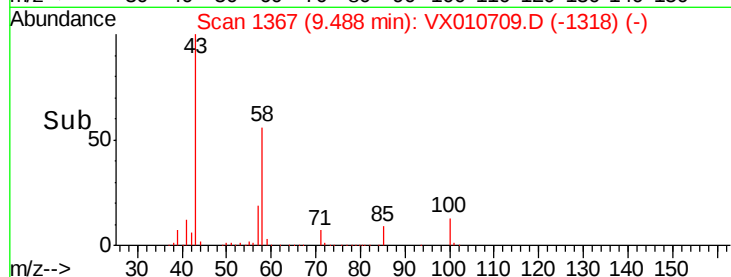
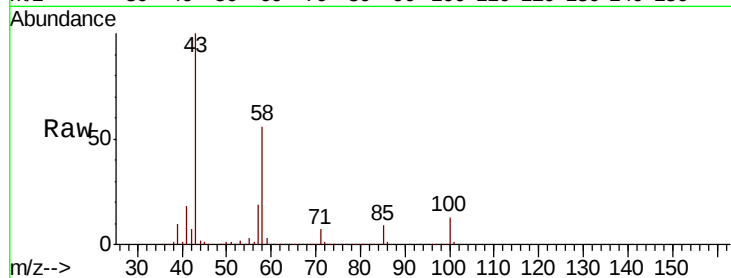




#59
2-Hexanone
Concen: 272.994 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

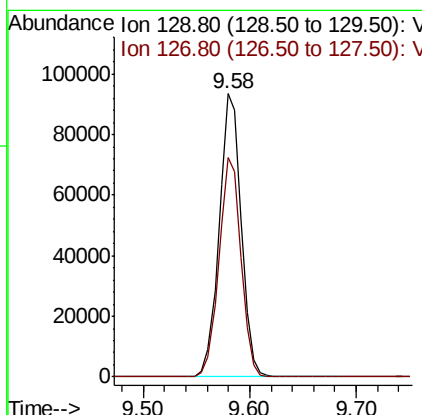
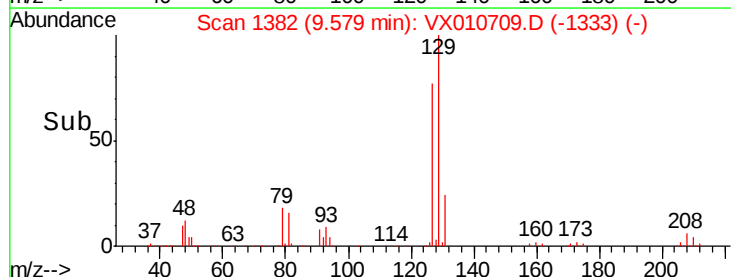
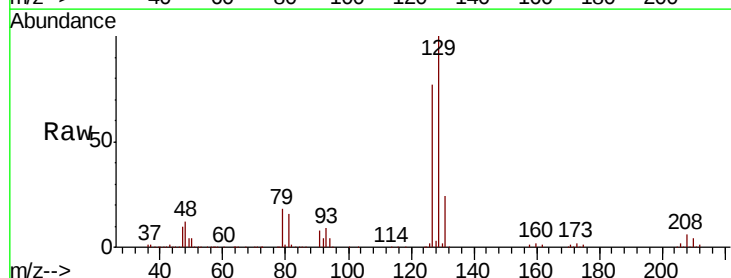
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

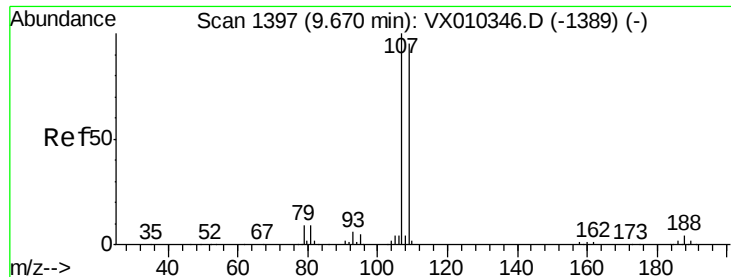
Tot Ion: 43 Resp: 635740
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.1



#60
Dibromochloromethane
Concen: 52.131 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 129 Resp: 134247
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.435 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

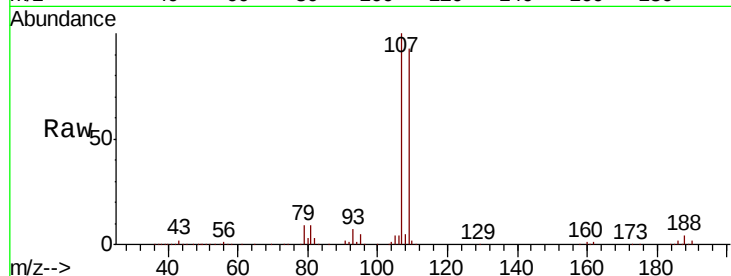
VSTDCCC050EC

Tot Ion:107 Resp: 132654

Ion Ratio Lower Upper

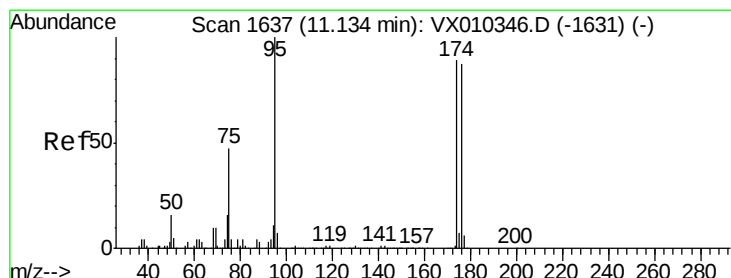
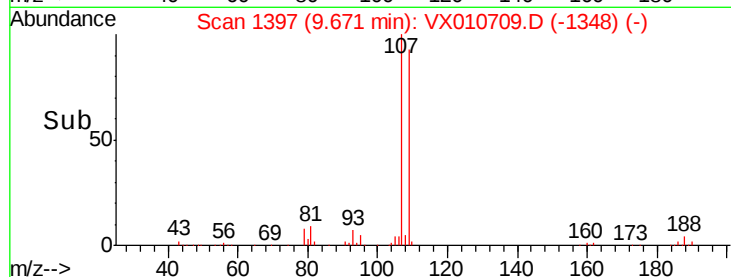
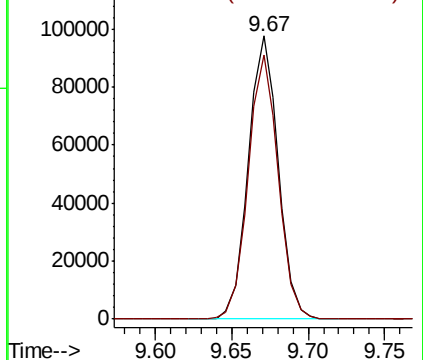
107 100

109 93.6 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: 50.725 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

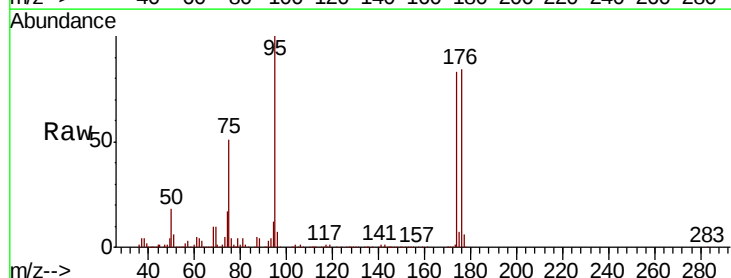
Tgt Ion: 95 Resp: 146627

Ion Ratio Lower Upper

95 100

174 89.9 0.0 187.6

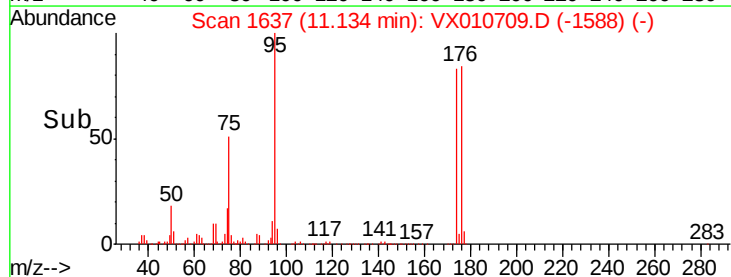
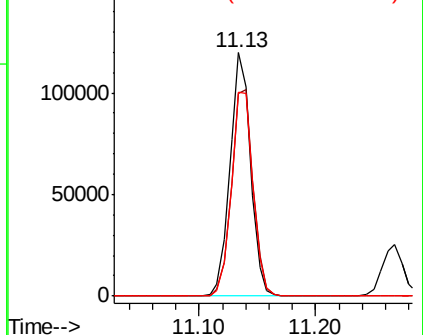
176 89.0 0.0 184.0

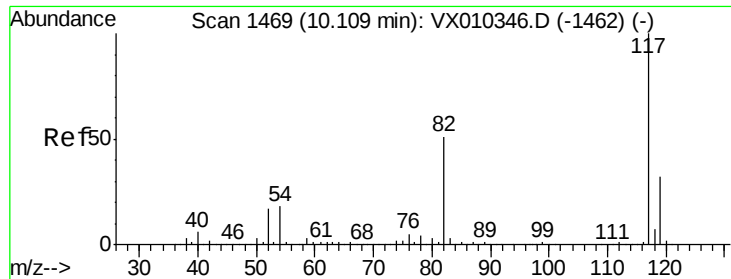


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

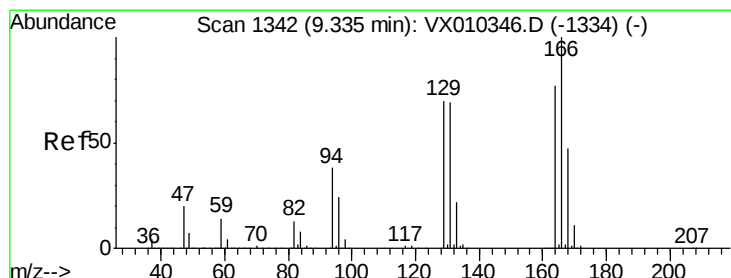
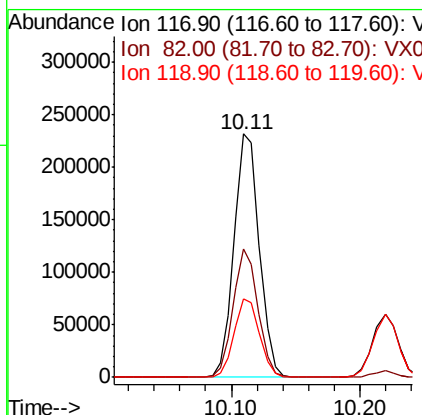
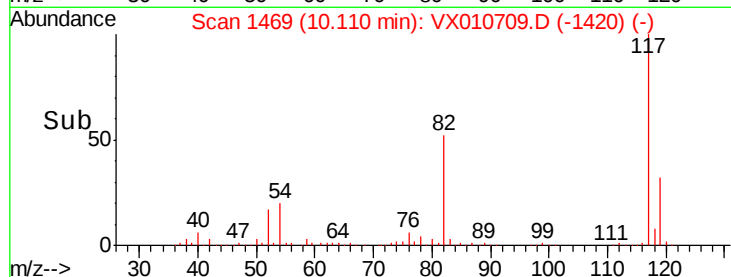
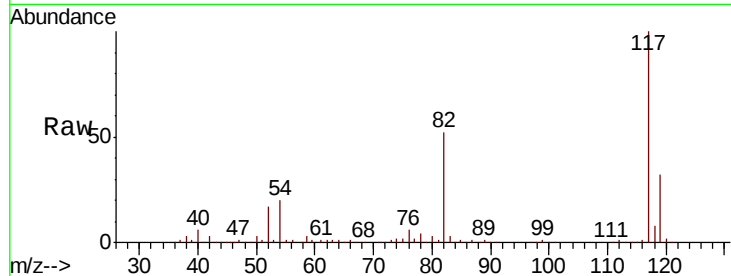




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

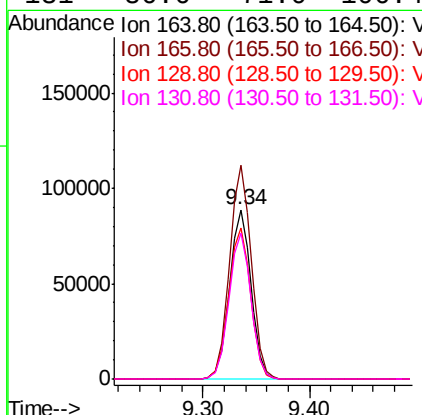
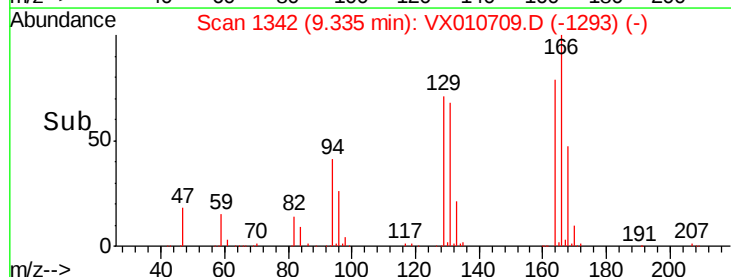
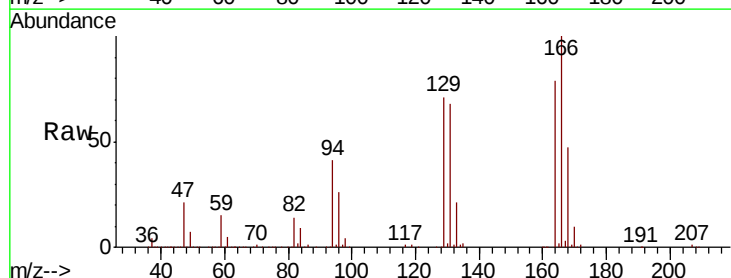
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

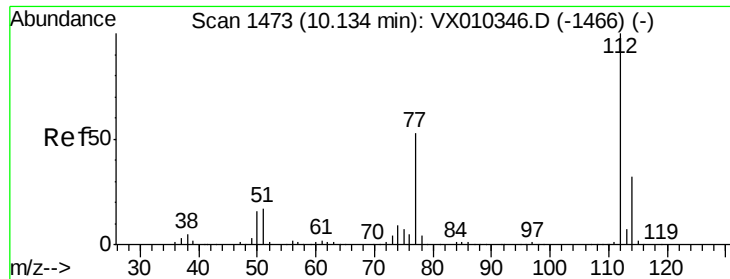
Tot Ion:117 Resp: 318602
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 49.026 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion:164 Resp: 126336
Ion Ratio Lower Upper
164 100
166 126.4 103.6 155.4
129 89.6 73.0 109.4
131 86.6 71.0 106.4

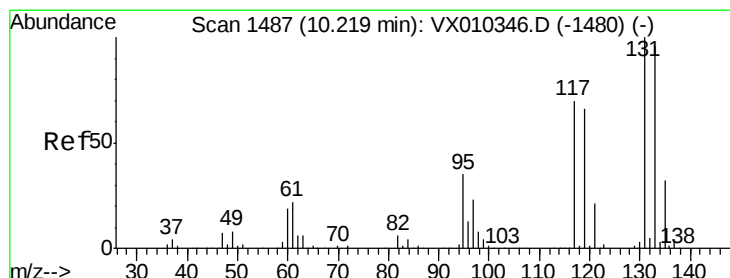
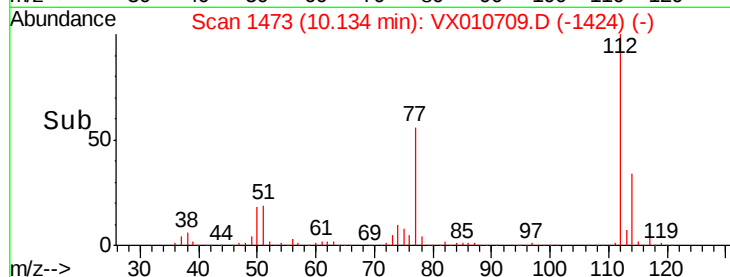
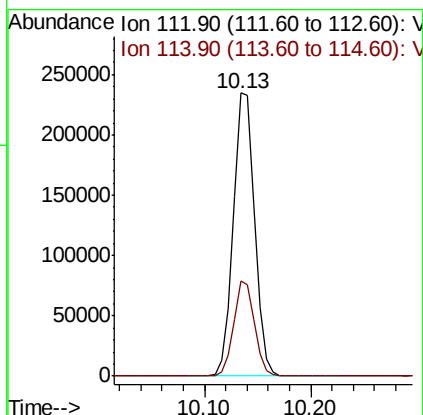
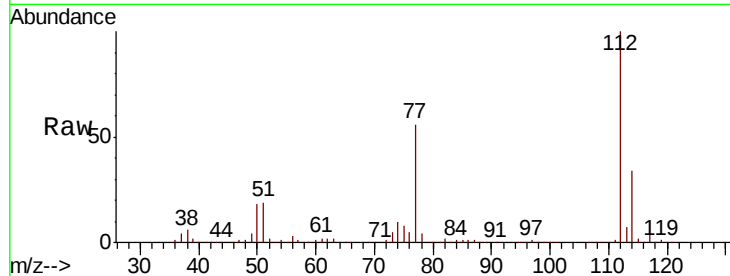




#65
Chlorobenzene
Concen: 51.362 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

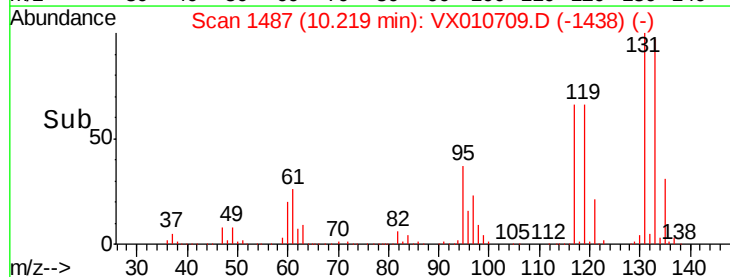
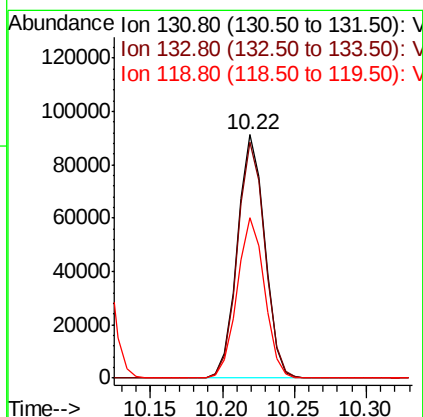
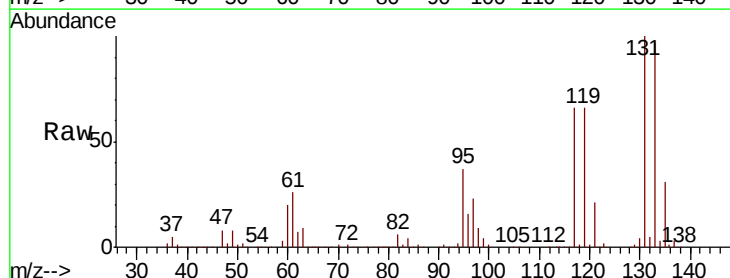
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

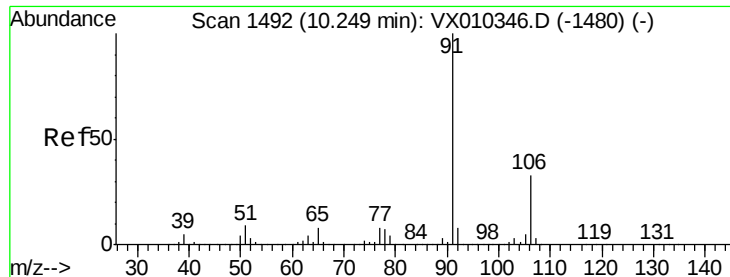
Tot Ion:112 Resp: 332219
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.487 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion:131 Resp: 121306
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 65.9 32.6 97.7

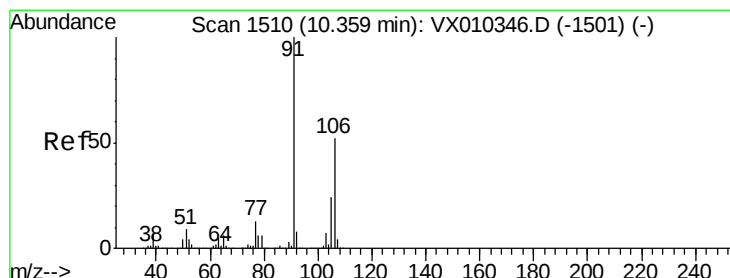
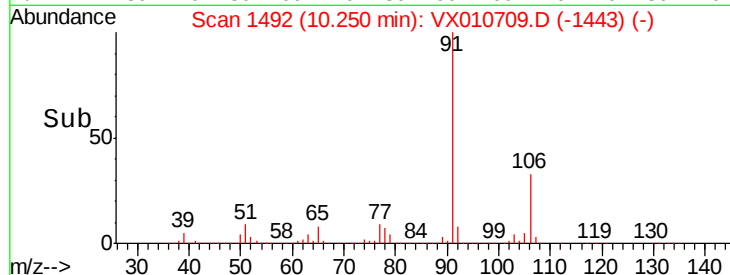
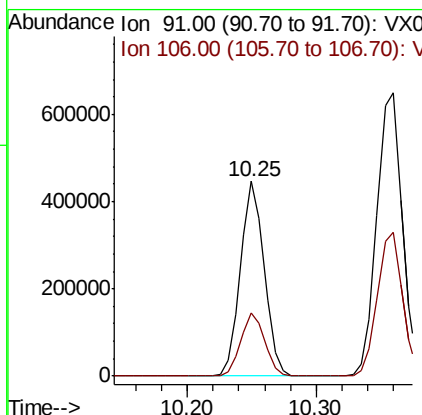
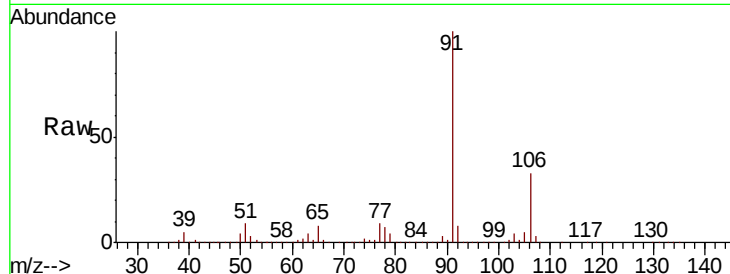




#67
Ethyl Benzene
Concen: 52.283 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

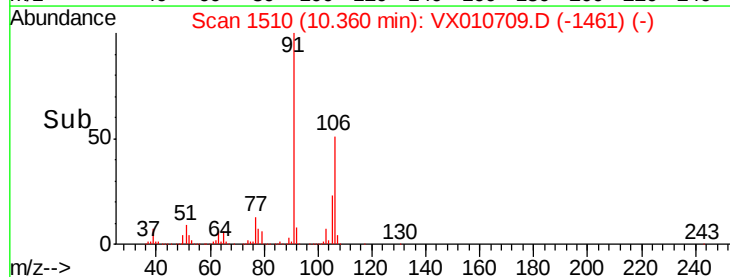
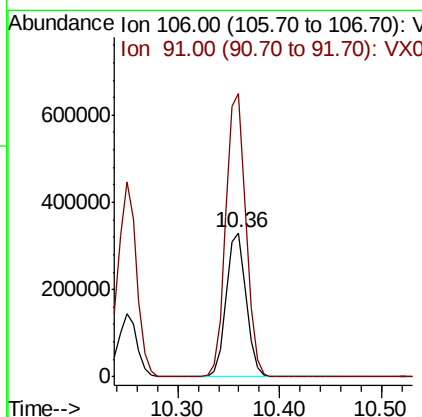
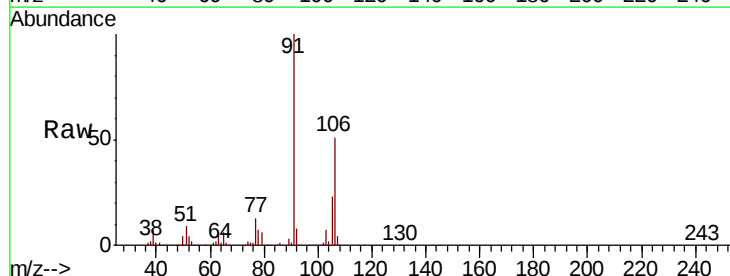
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

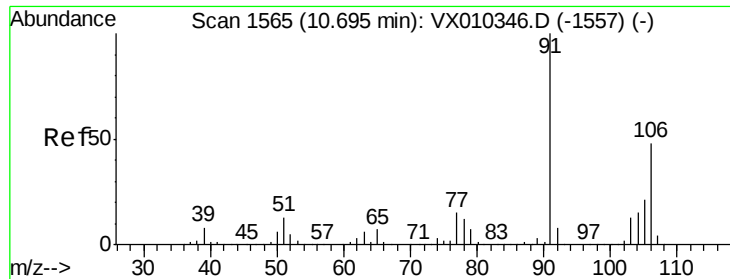
Tot Ion: 91 Resp: 570921
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 104.772 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 106 Resp: 443304
Ion Ratio Lower Upper
106 100
91 199.2 155.3 232.9

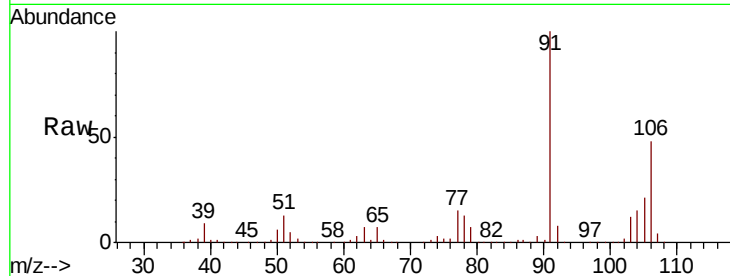




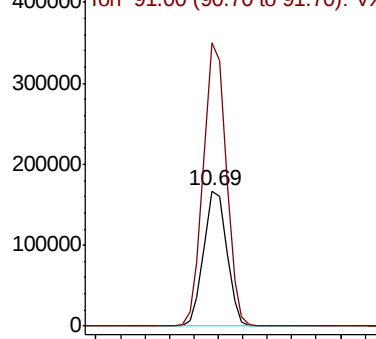
#69
o-Xylene
Concen: 52.481 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

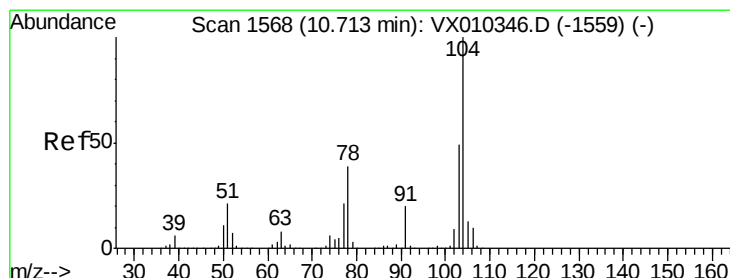
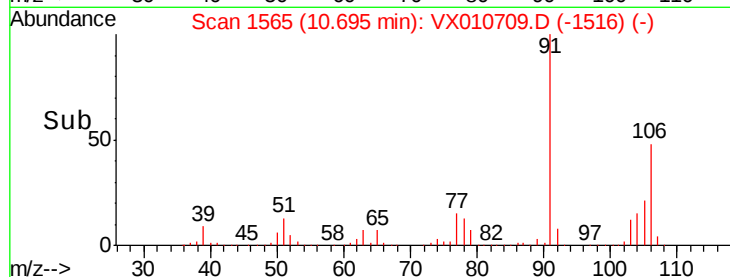
Tot Ion:106 Resp: 218370
Ion Ratio Lower Upper
106 100
91 206.9 102.7 308.1



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

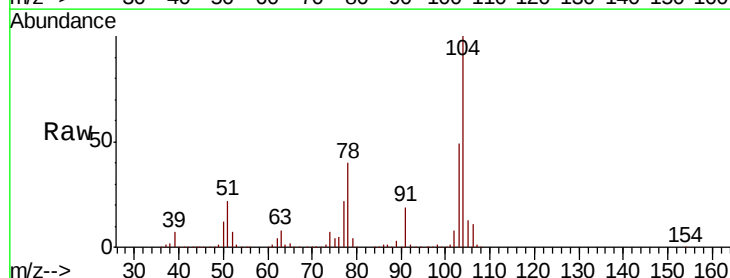


Time-->

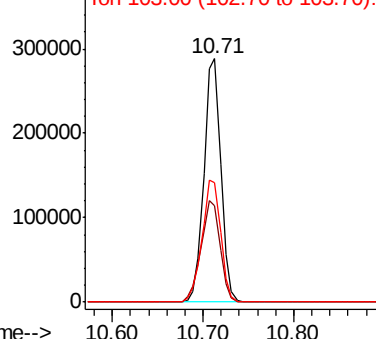


#70
Styrene
Concen: 53.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

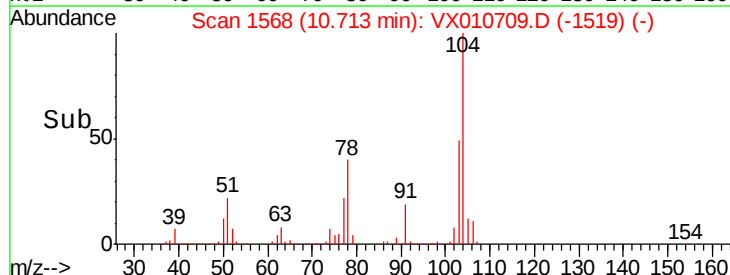
Tgt Ion:104 Resp: 374630
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.2 44.2 66.4

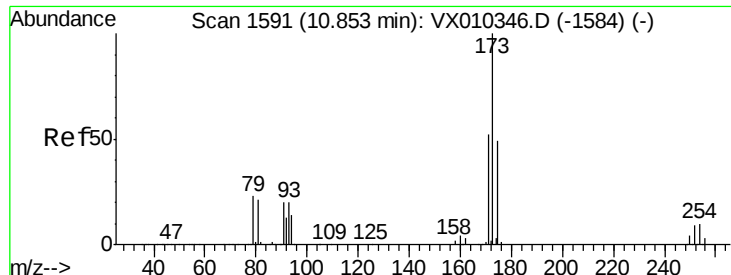


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 50.047 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

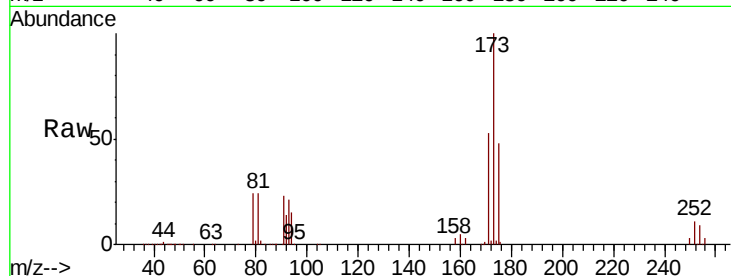
Tot Ion:173 Resp: 102541

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

254 0.1 0.2 0.2#

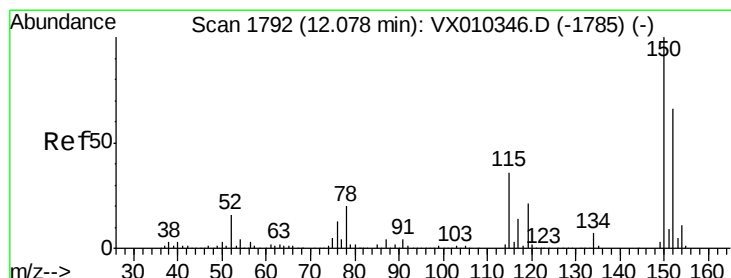
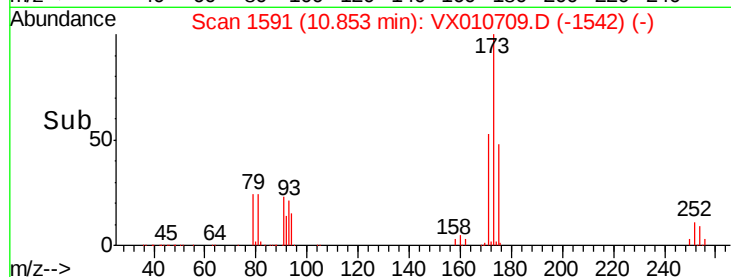
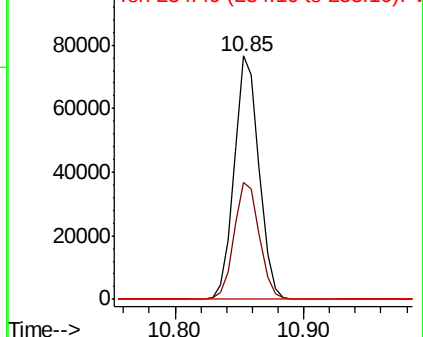


Abundance

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: VX010709.D

Acq: 08 Jul 2019 20:29

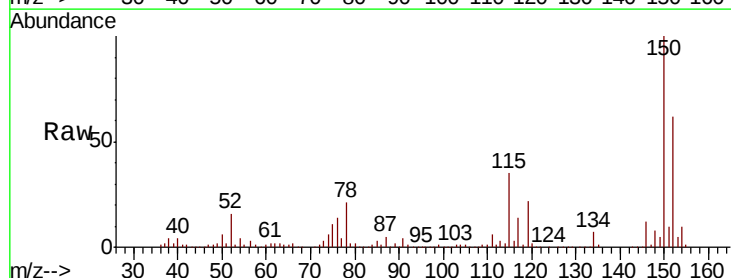
Tgt Ion:152 Resp: 167667

Ion Ratio Lower Upper

152 100

115 78.7 38.6 115.7

150 174.0 0.0 347.4

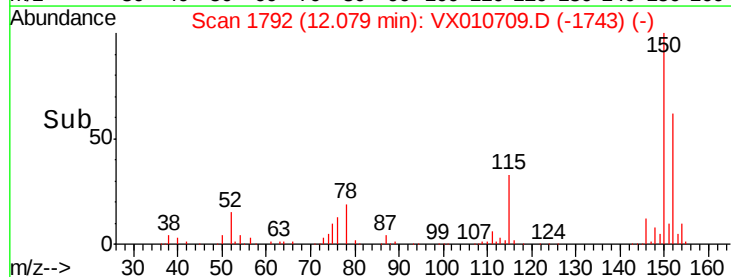
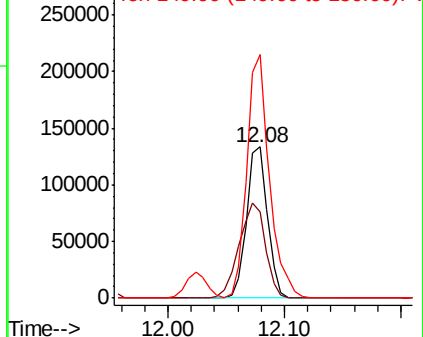


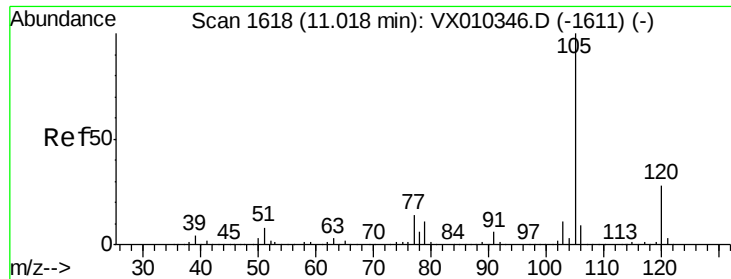
Abundance

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: 51.107 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

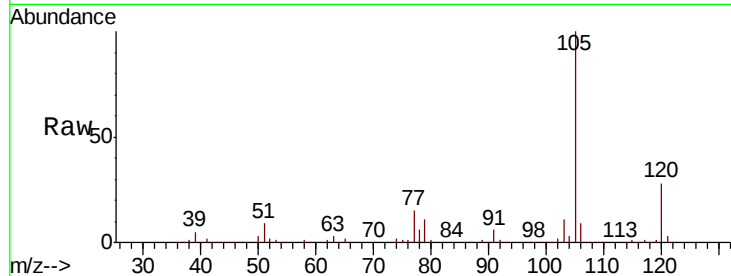
VSTDCCC050EC

Tot Ion:105 Resp: 580864

Ion Ratio Lower Upper

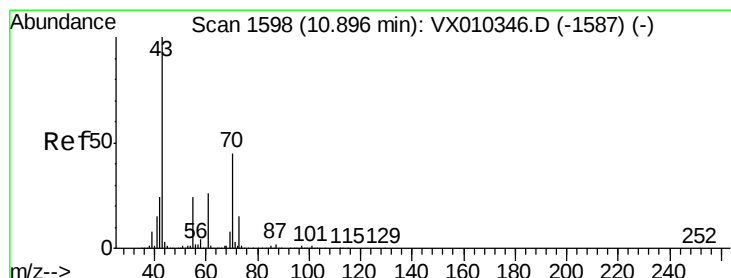
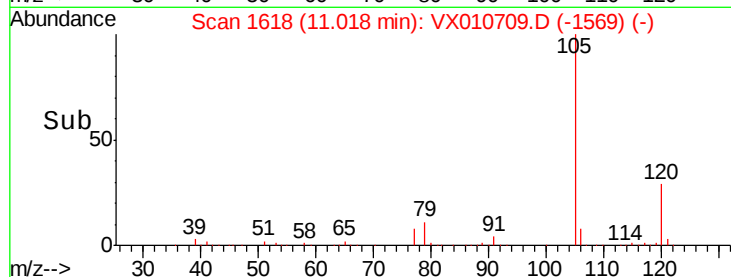
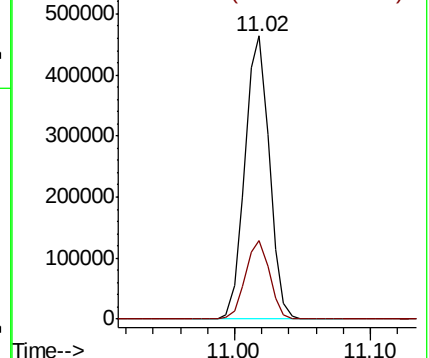
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.466 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion: 43 Resp: 233950

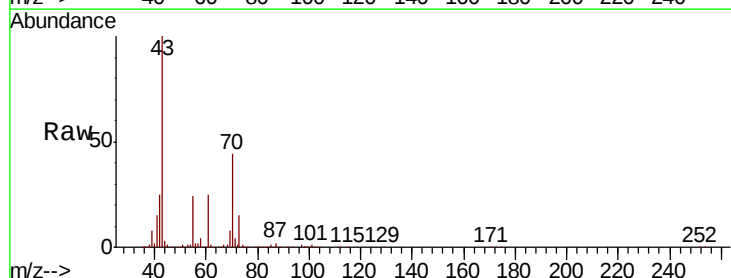
Ion Ratio Lower Upper

43 100

70 44.3 36.6 54.8

55 23.8 18.7 28.1

61 25.2 20.6 31.0

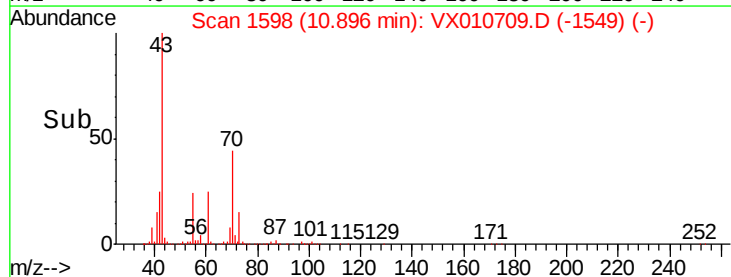
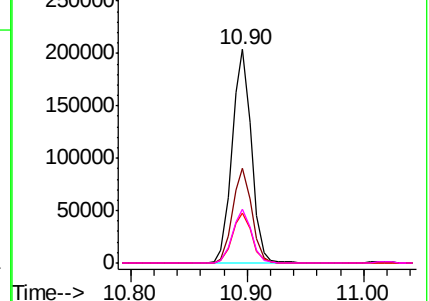


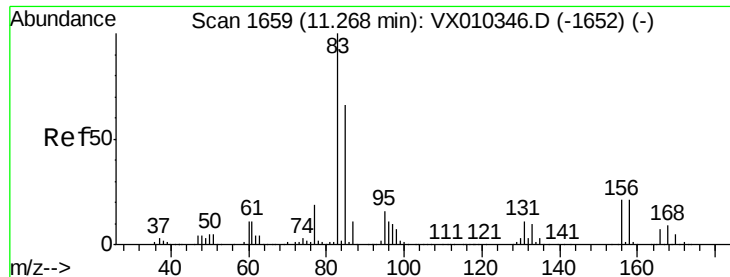
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.857 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

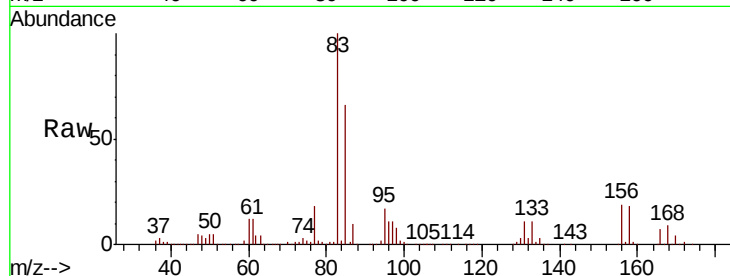
Tot Ion: 83 Resp: 191427

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

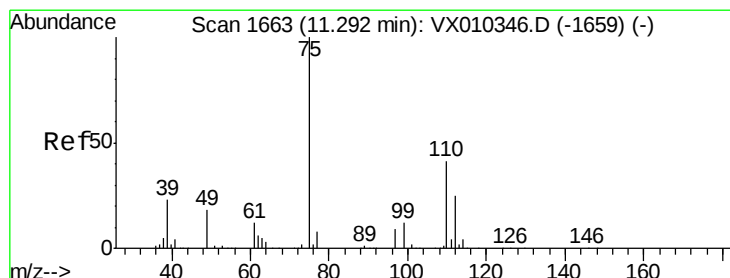
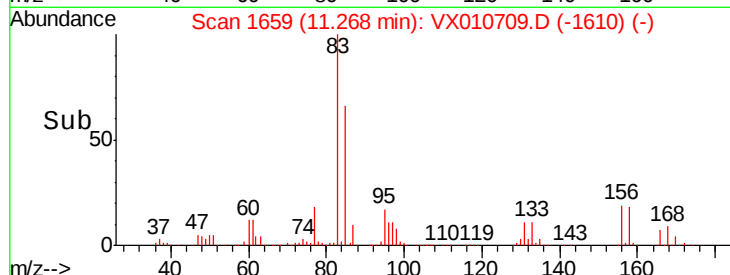
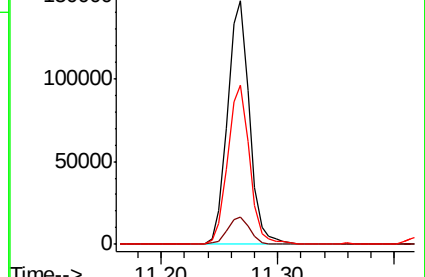
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.267 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010709.D

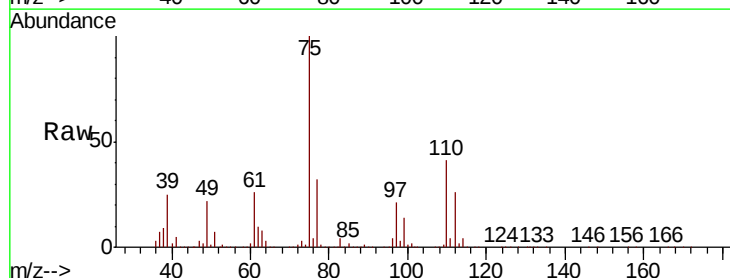
Acq: 08 Jul 2019 20:29

Tgt Ion: 75 Resp: 211635

Ion Ratio Lower Upper

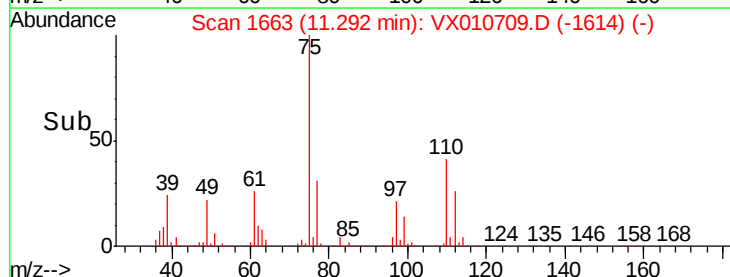
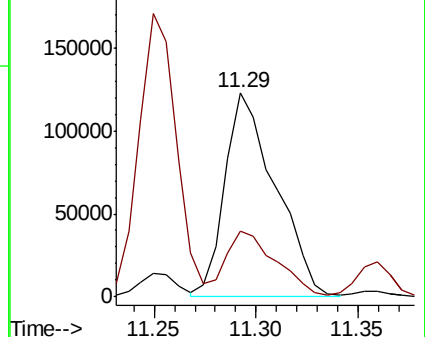
75 100

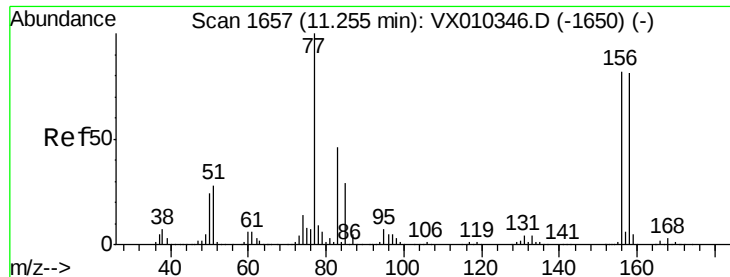
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.596 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

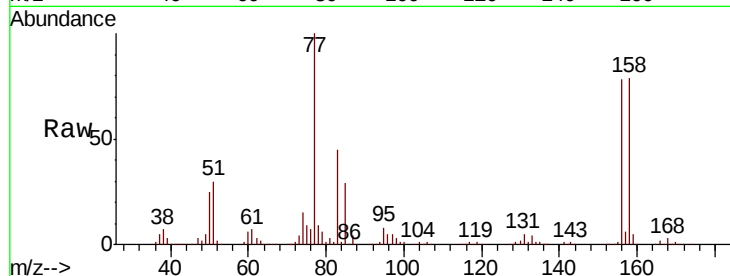
Tot Ion:156 Resp: 157400

Ion Ratio Lower Upper

156 100

77 138.5 66.3 198.7

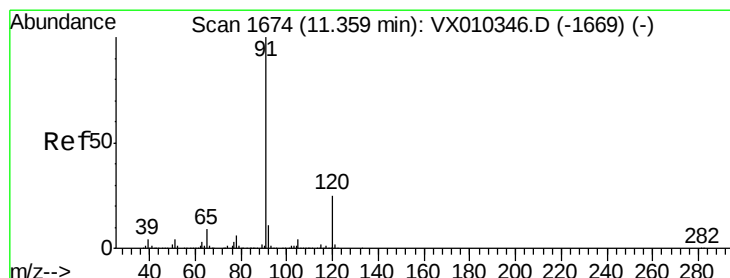
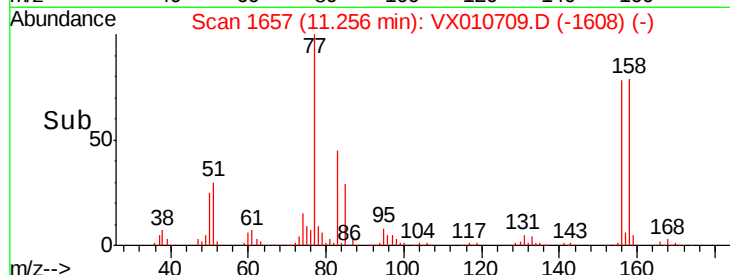
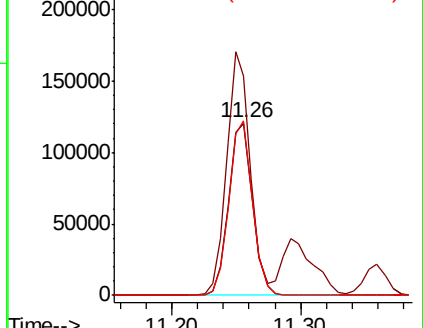
158 99.5 48.9 146.7



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: 52.955 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010709.D

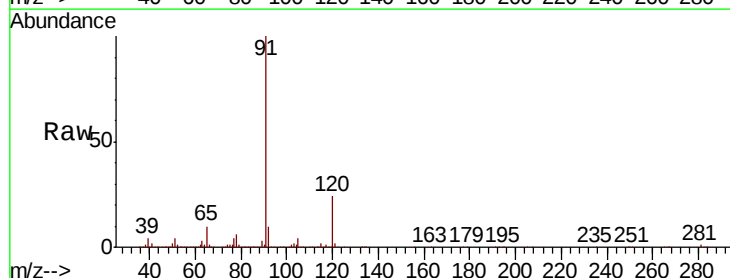
Acq: 08 Jul 2019 20:29

Tgt Ion: 91 Resp: 661491

Ion Ratio Lower Upper

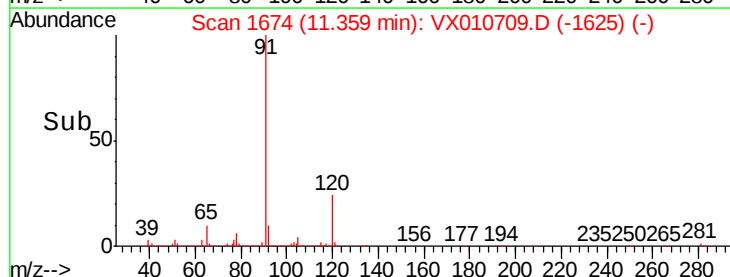
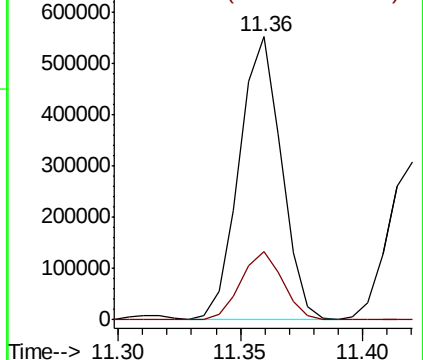
91 100

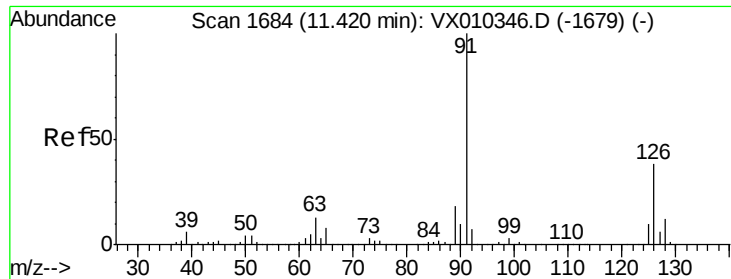
120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

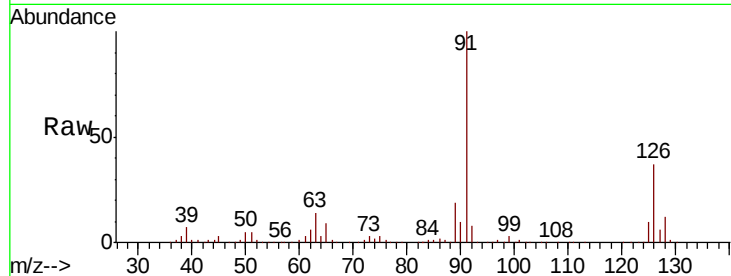




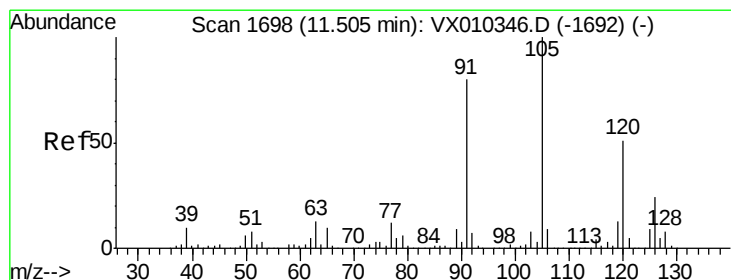
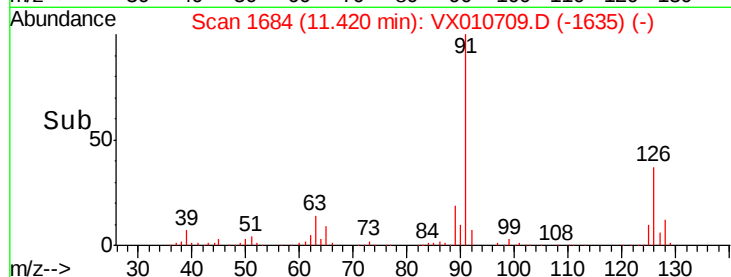
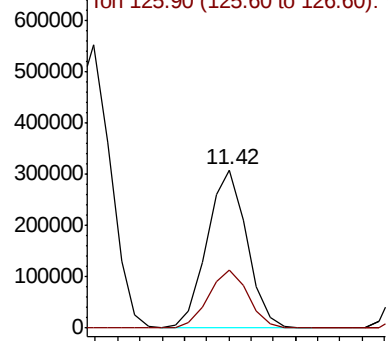
#79
 2-Chlorotoluene
 Concen: 51.454 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 382734
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

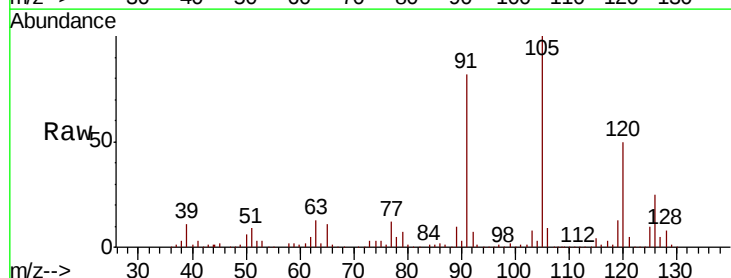


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

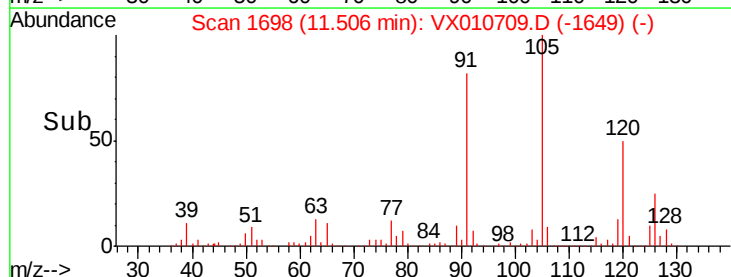
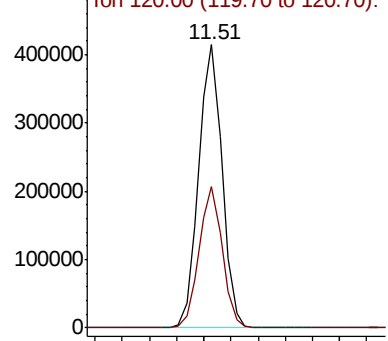


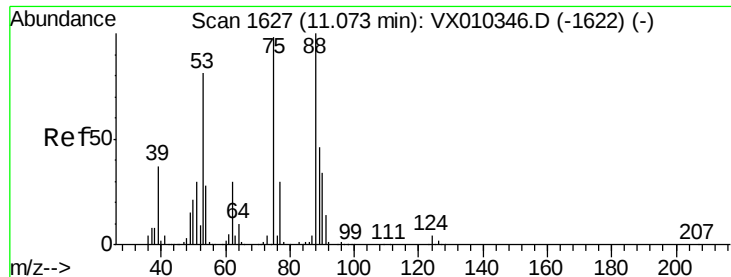
#80
 1,3,5-Trimethylbenzene
 Concen: 52.605 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 105 Resp: 492891
 Ion Ratio Lower Upper
 105 100
 120 49.3 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: 44.235 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

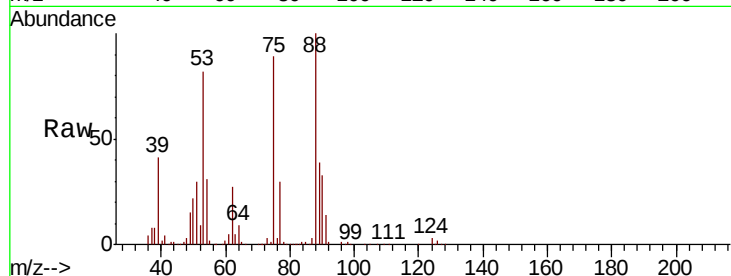
Tot Ion: 75 Resp: 57934

Ion Ratio Lower Upper

75 100

53 94.3 66.1 99.1

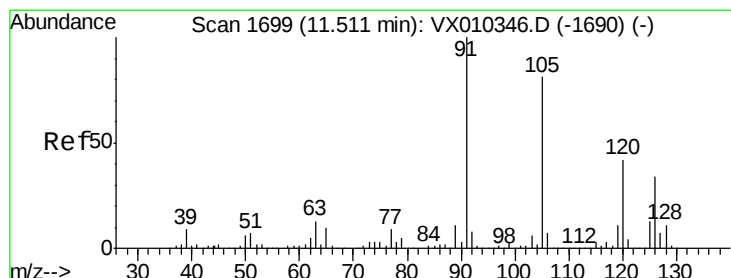
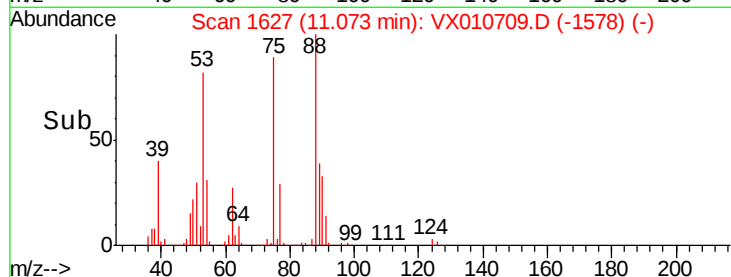
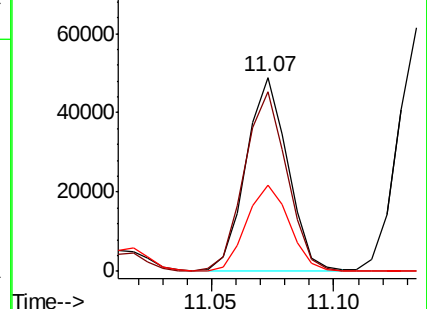
89 45.9 37.8 56.6



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: 53.091 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010709.D

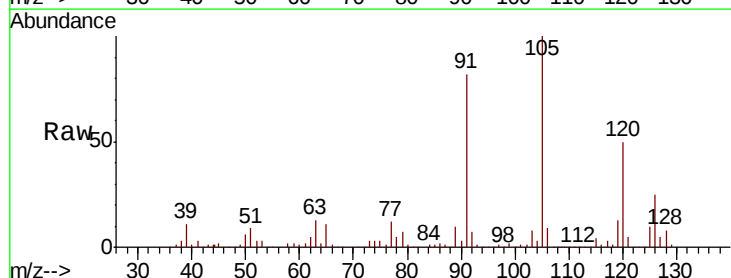
Acq: 08 Jul 2019 20:29

Tgt Ion: 91 Resp: 449368

Ion Ratio Lower Upper

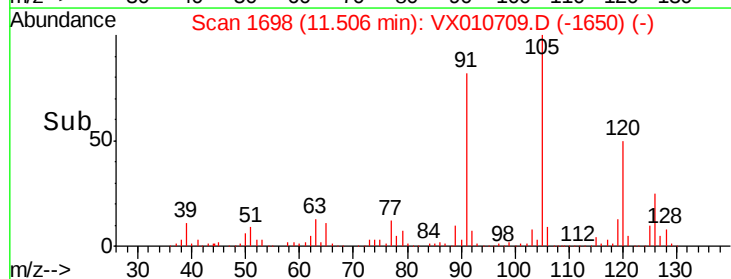
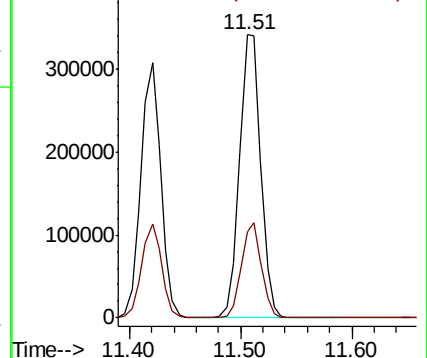
91 100

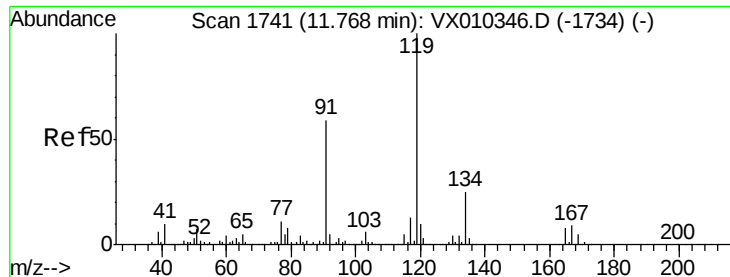
126 31.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

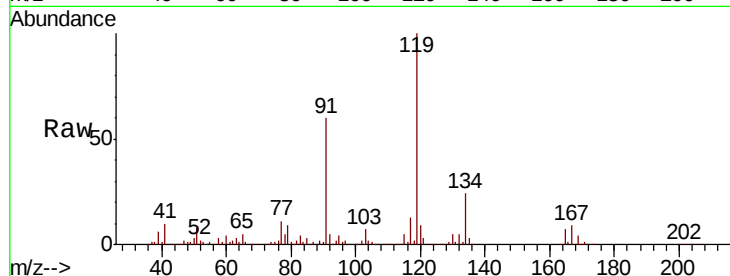




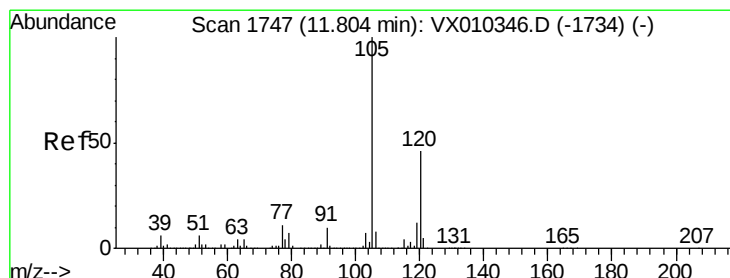
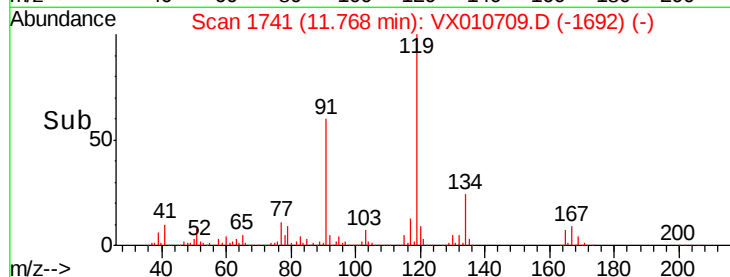
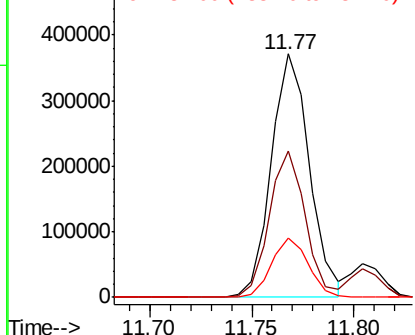
#83
tert-Butylbenzene
Concen: 51.536 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 484657
Ion Ratio Lower Upper
119 100
91 56.8 27.6 82.7
134 23.4 11.8 35.4

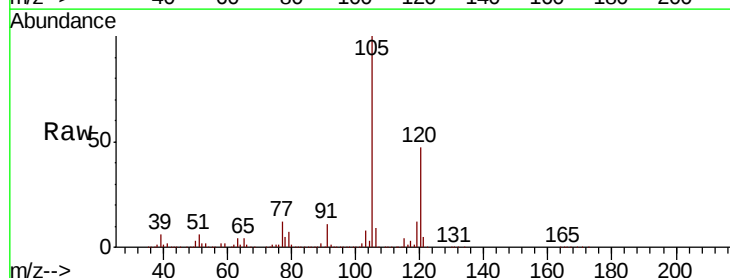


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

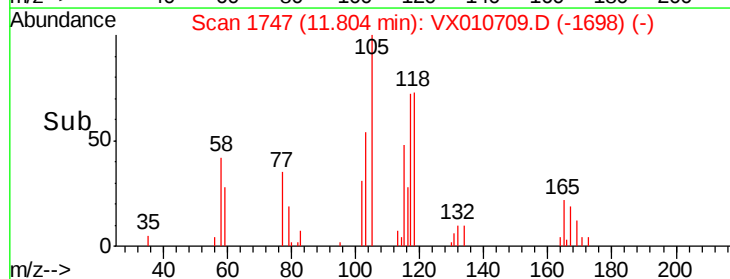
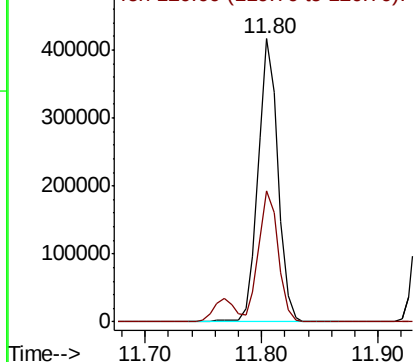


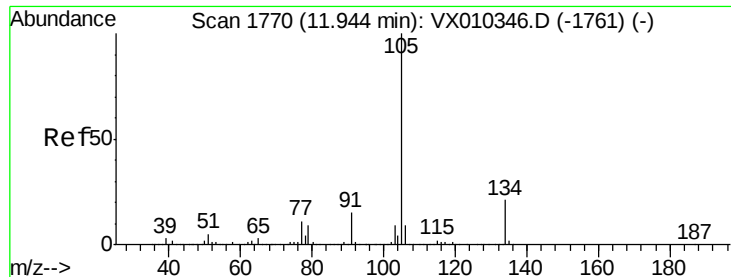
#84
1,2,4-Trimethylbenzene
Concen: 52.347 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion:105 Resp: 492771
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

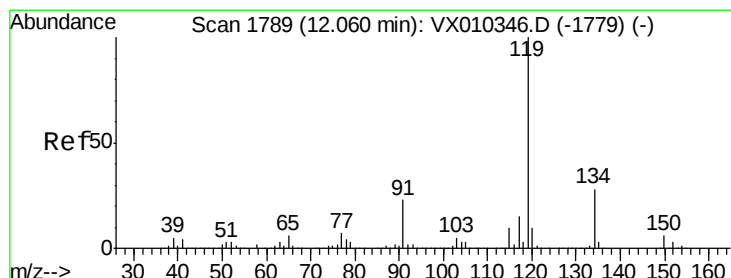
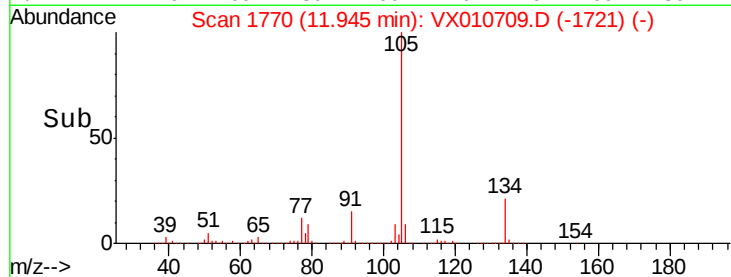
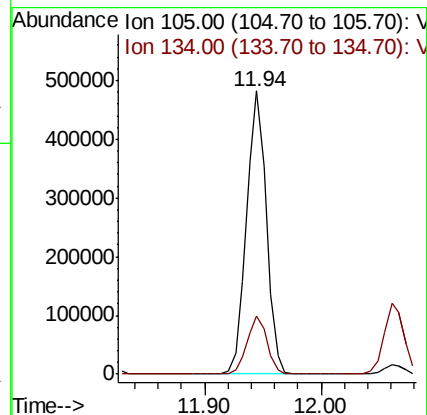
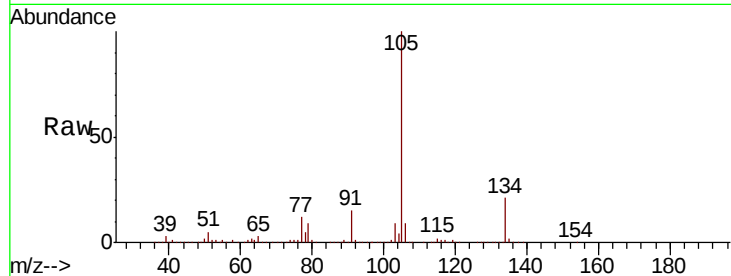
VSTDCCC050EC

Tot Ion:105 Resp: 574466

Ion Ratio Lower Upper

105 100

134 20.7 10.7 31.9



#86

p-Isopropyltoluene

Concen: 51.801 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

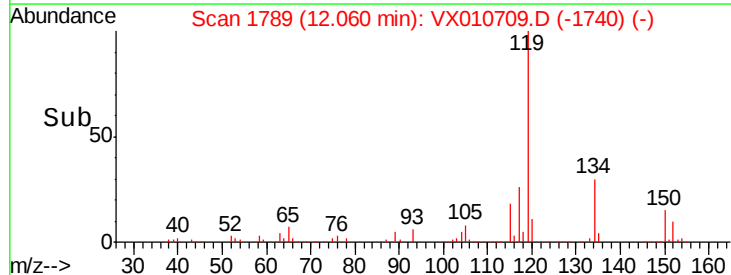
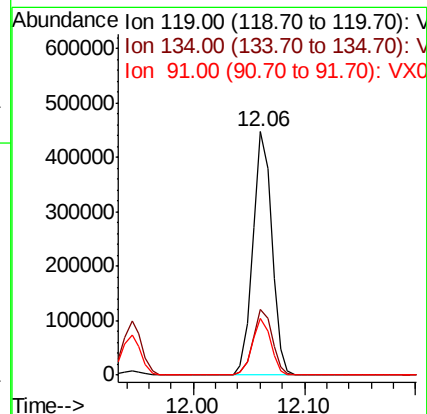
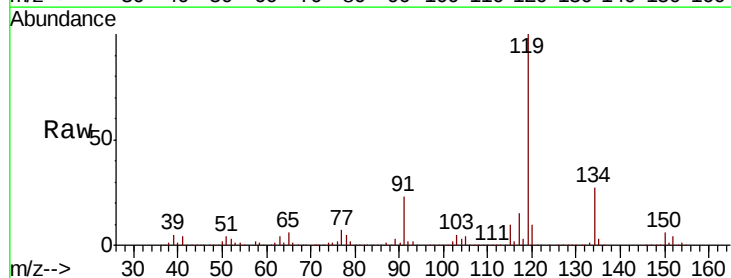
Tgt Ion:119 Resp: 529060

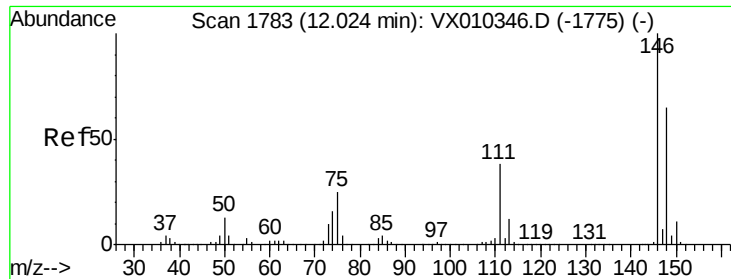
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.1 11.3 33.8

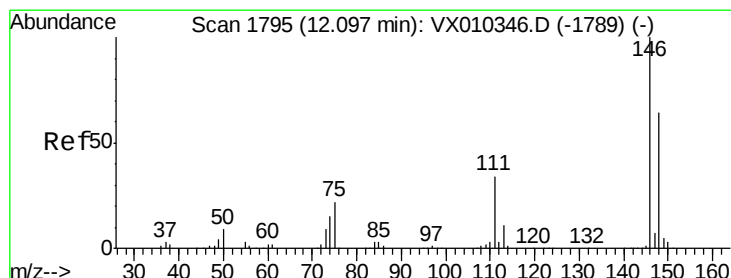
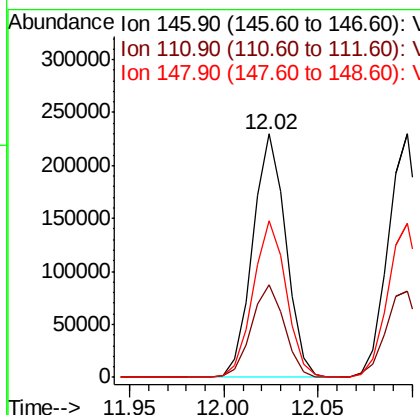
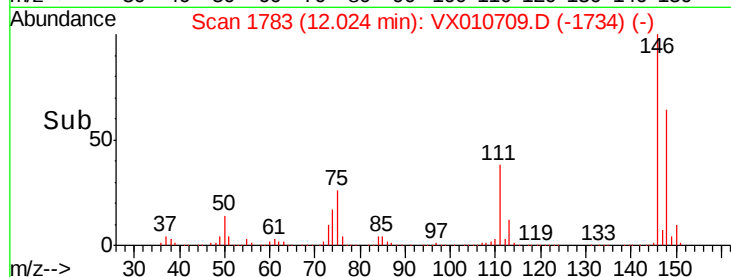
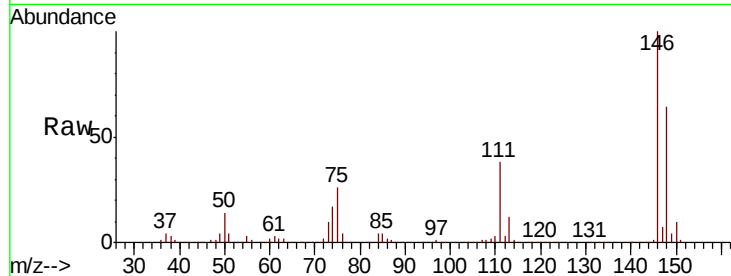




#87
 1,3-Dichlorobenzene
 Concen: 50.595 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

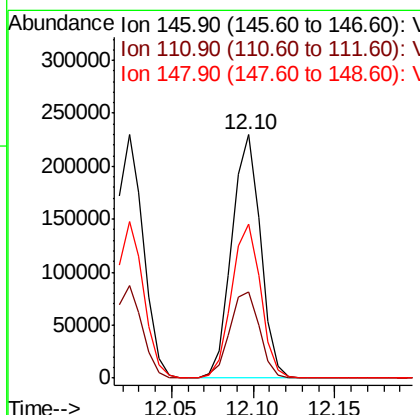
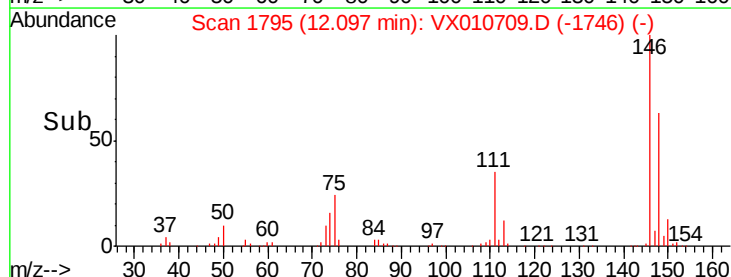
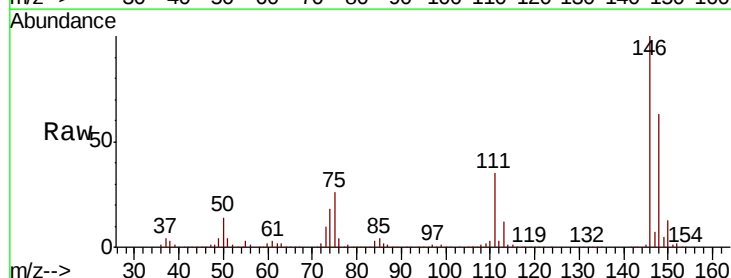
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

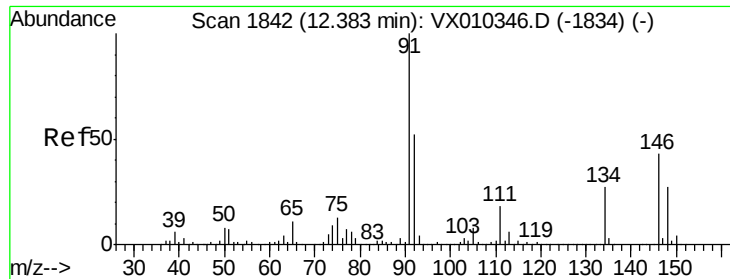
Tot Ion:146 Resp: 280284
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.793 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion:146 Resp: 280825
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 64.0 32.1 96.3

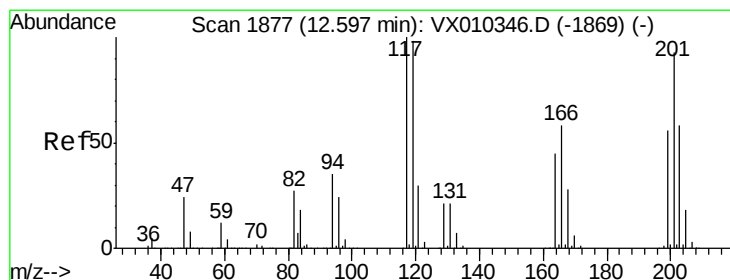
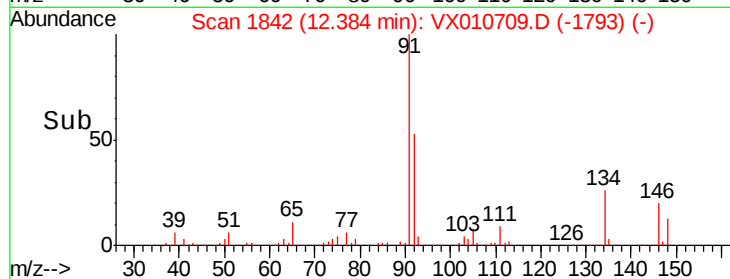
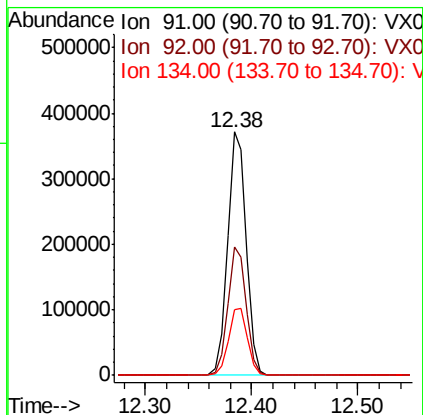
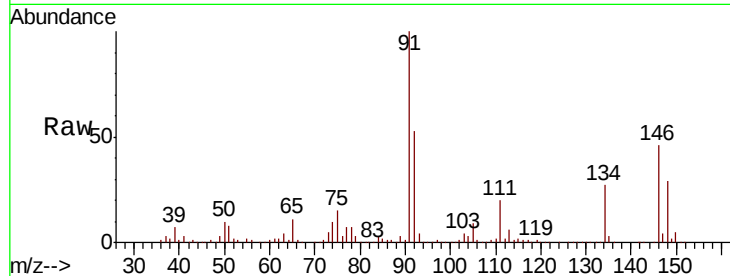




#89
n-Butylbenzene
Concen: 52.204 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

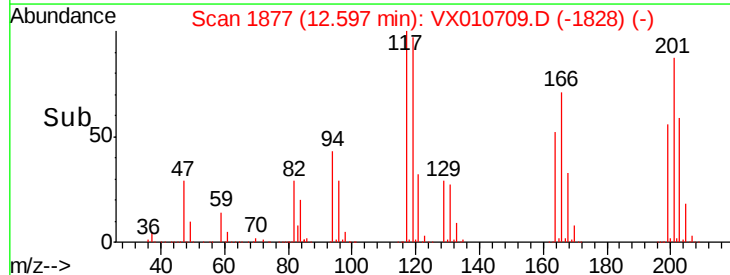
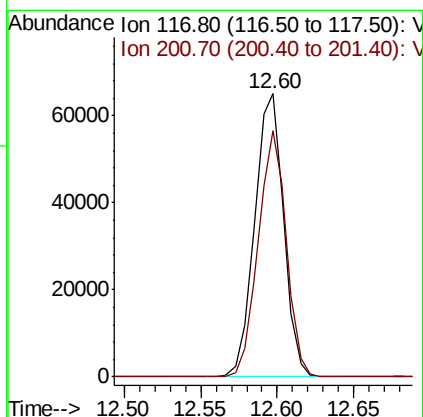
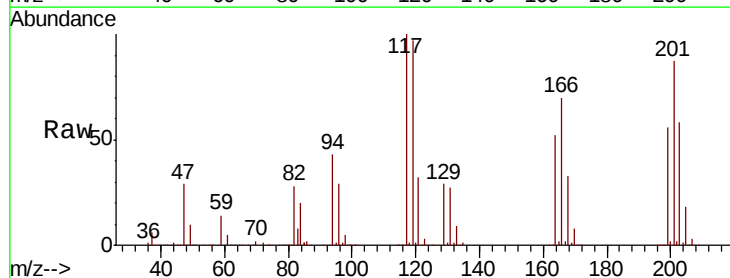
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

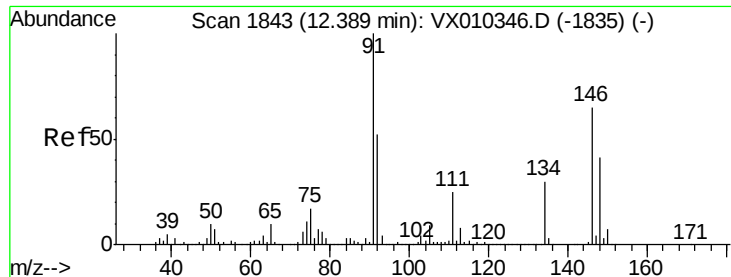
Tot Ion: 91 Resp: 453065
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 48.406 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 117 Resp: 85486
Ion Ratio Lower Upper
117 100
201 84.6 44.0 131.8

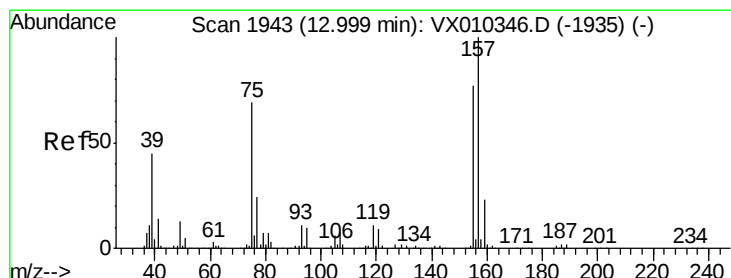
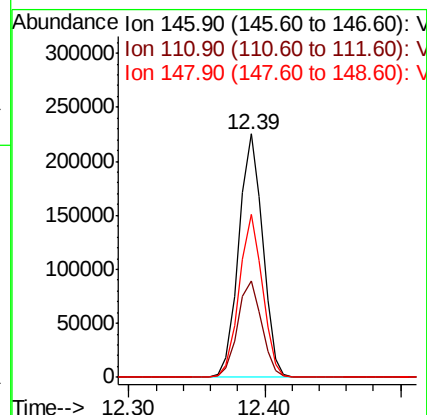
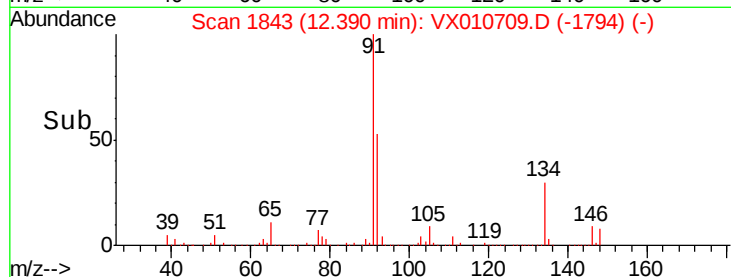
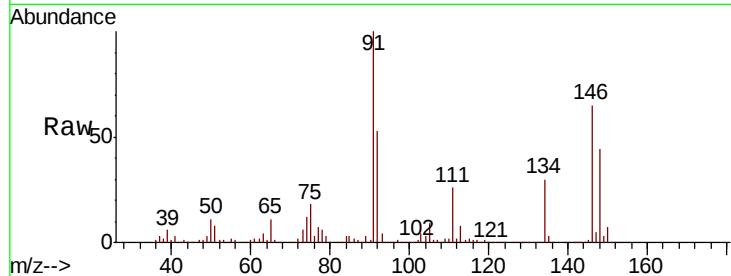




#91
1,2-Dichlorobenzene
Concen: 49.947 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

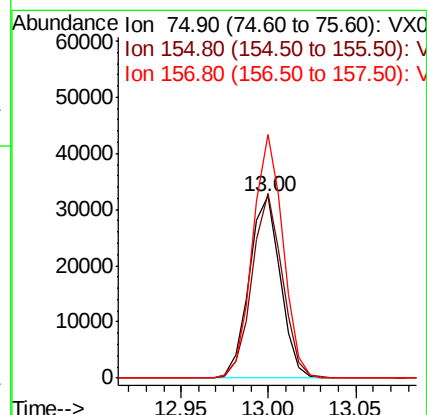
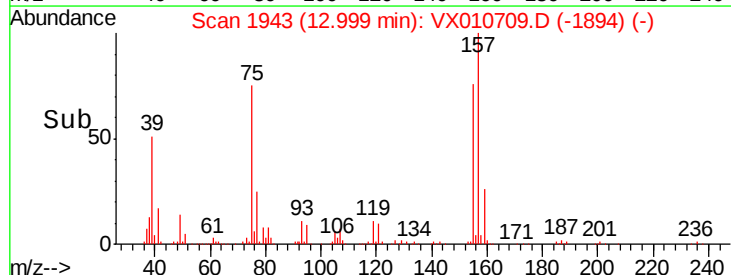
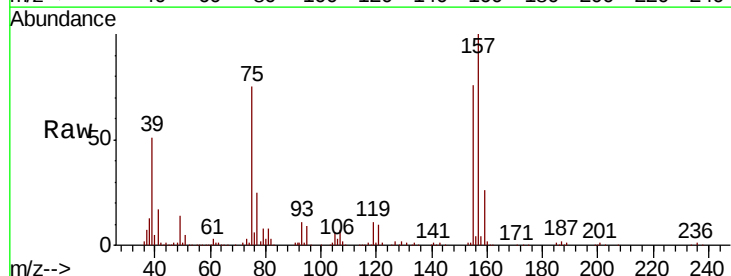
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

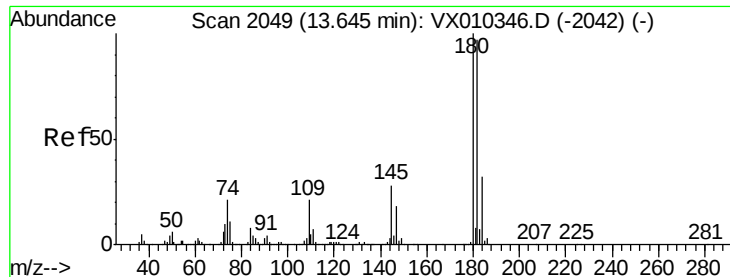
Tot Ion:146 Resp: 274999
Ion Ratio Lower Upper
146 100
111 39.9 19.2 57.6
148 65.5 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.902 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 75 Resp: 40498
Ion Ratio Lower Upper
75 100
155 98.3 54.4 163.1
157 130.1 69.5 208.3

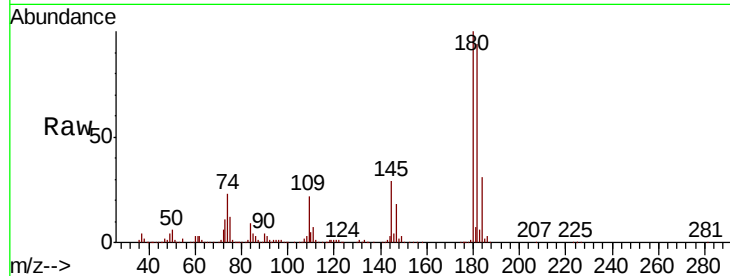




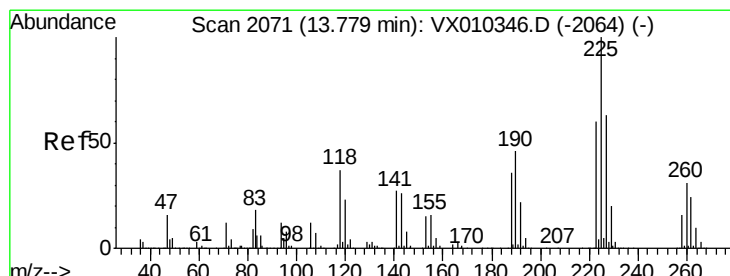
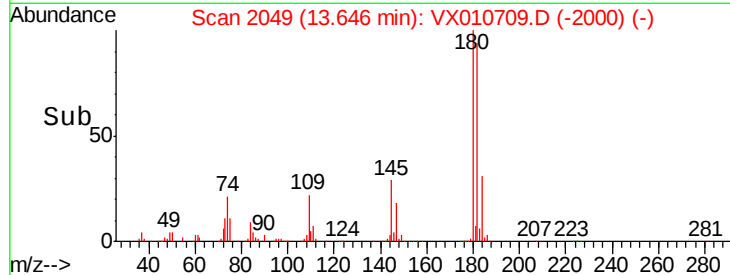
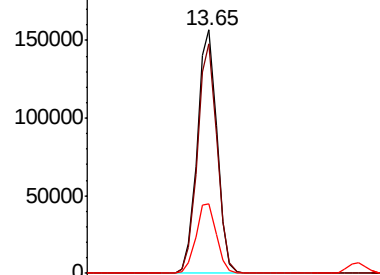
#93
 1,2,4-Trichlorobenzene
 Concen: 50.382 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 192370
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.0 144.0
 145 29.6 14.4 43.4

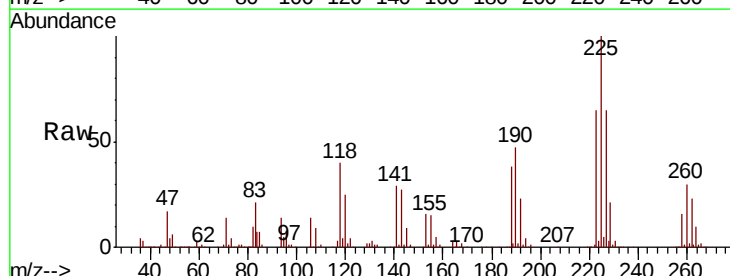


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

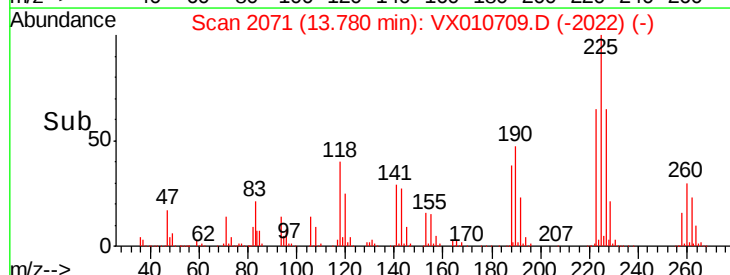
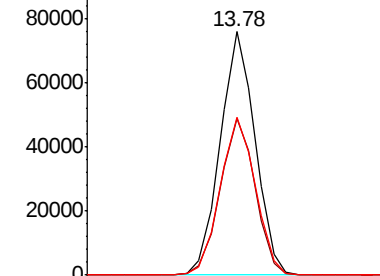


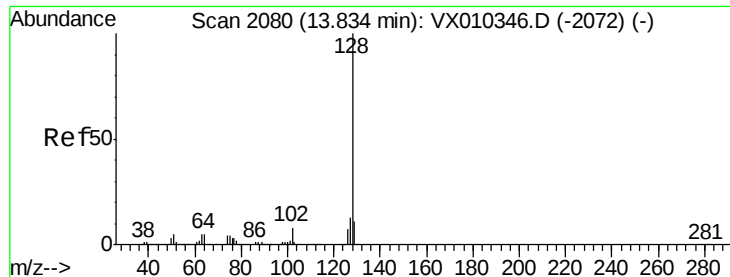
#94
 Hexachlorobutadiene
 Concen: 48.328 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion:225 Resp: 90185
 Ion Ratio Lower Upper
 225 100
 223 64.3 30.9 92.7
 227 65.2 31.9 95.5



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





#95

Naphthalene

Concen: 50.572 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

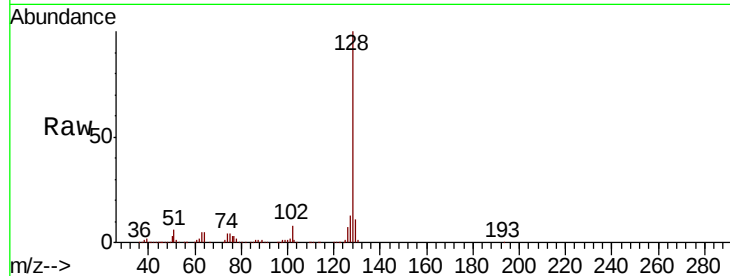
Tot Ion:128 Resp: 593389

Ion Ratio Lower Upper

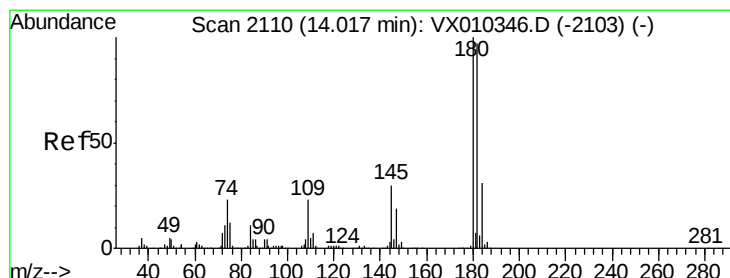
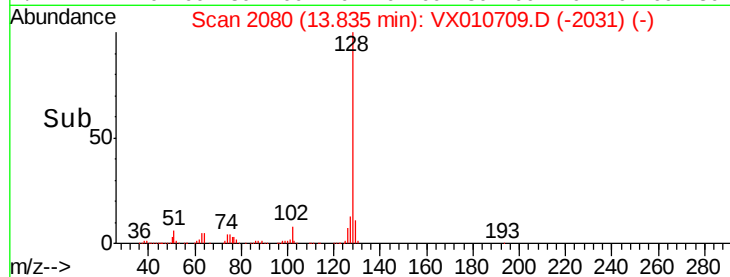
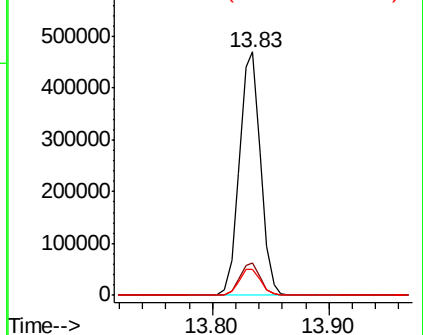
128 100

127 12.9 10.2 15.4

129 11.1 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: 49.975 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

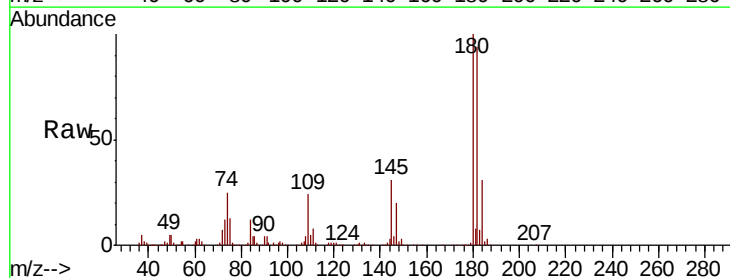
Tgt Ion:180 Resp: 189718

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 31.3 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

