

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010764.D
 Acq On : 09 Jul 2019 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 02:14:38 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	209507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159341	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	103907	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	5.49	113	98795	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	8.71	98	363825	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	139647	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88353	60.659	ug/l	99
3) Chloromethane	1.32	50	96278	56.765	ug/l	98
4) Vinyl Chloride	1.41	62	101388	54.577	ug/l	99
5) Bromomethane	1.64	94	49765	54.987	ug/l	99
6) Chloroethane	1.71	64	63385	57.833	ug/l	100
7) Trichlorofluoromethane	1.93	101	171535	58.248	ug/l	98
8) Diethyl Ether	2.19	74	61122	57.876	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96234	53.924	ug/l	98
10) Methyl Iodide	2.51	142	125398	49.235	ug/l	98
11) Tert butyl alcohol	3.05	59	113957	221.705	ug/l	97
12) 1,1-Dichloroethene	2.37	96	98493	54.237	ug/l	98
13) Acrolein	2.29	56	69915	205.043	ug/l	96
14) Allyl chloride	2.73	41	141790	54.997	ug/l	97
15) Acrylonitrile	3.14	53	284270	279.335	ug/l	99
16) Acetone	2.45	43	225964	229.530	ug/l	97
17) Carbon Disulfide	2.57	76	236373	48.517	ug/l	100
18) Methyl Acetate	2.78	43	116051	59.146	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	316457	55.394	ug/l	100
20) Methylene Chloride	2.85	84	110093	54.341	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	102809	52.639	ug/l	98
22) Diisopropyl ether	3.85	45	304227	56.439	ug/l	97
23) Vinyl Acetate	3.81	43	1336793	287.072	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172725	55.435	ug/l	99
25) 2-Butanone	4.67	43	382896	265.147	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122760	45.355	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	120602	53.436	ug/l	98
28) Bromochloromethane	5.02	49	72472	48.648	ug/l	96
29) Tetrahydrofuran	5.13	42	247428	276.617	ug/l	98
30) Chloroform	5.21	83	185309	55.276	ug/l	99
31) Cyclohexane	5.57	56	153263	54.016	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	161650	54.608	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134145	53.085	ug/l	99
37) Ethyl Acetate	4.83	43	144373	55.535	ug/l	98
38) Carbon Tetrachloride	5.79	117	140135	51.212	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070919\
 Data File : VX010764.D
 Acq On : 09 Jul 2019 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 10 02:14:38 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	170066	51.199	ug/l	97
40) Benzene	6.14	78	419658	53.305	ug/l	98
41) Methacrylonitrile	5.04	41	79549	55.770	ug/l	98
42) 1,2-Dichloroethane	6.19	62	138057	57.608	ug/l	98
43) Isopropyl Acetate	6.44	43	234713	54.571	ug/l	98
44) Trichloroethene	7.21	130	121365	51.519	ug/l	99
45) 1,2-Dichloropropane	7.51	63	105849	53.241	ug/l	97
46) Dibromomethane	7.66	93	76425	53.579	ug/l	97
47) Bromodichloromethane	7.90	83	137865	52.740	ug/l	100
48) Methyl methacrylate	7.77	41	113939	56.992	ug/l	98
49) 1,4-Dioxane	7.74	88	56963	989.077	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	783242	284.731	ug/l	98
52) Toluene	8.78	92	275550	53.149	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148597	50.703	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166962	52.423	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115683	54.103	ug/l	99
56) Ethyl methacrylate	9.18	69	175696	54.243	ug/l	95
57) 1,3-Dichloropropane	9.37	76	180310	54.325	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	370496	240.843	ug/l	99
59) 2-Hexanone	9.49	43	604788	279.349	ug/l	97
60) Dibromochloromethane	9.58	129	121587	50.787	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125167	54.233	ug/l	100
64) Tetrachloroethene	9.34	164	114897	48.321	ug/l	96
65) Chlorobenzene	10.14	112	311612	52.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115518	53.136	ug/l	99
67) Ethyl Benzene	10.25	91	539495	53.543	ug/l	100
68) m/p-Xylenes	10.36	106	420464	107.696	ug/l	98
69) o-Xylene	10.69	106	204180	53.180	ug/l	98
70) Styrene	10.71	104	353816	54.951	ug/l	99
71) Bromoform	10.85	173	92381	48.865	ug/l #	98
73) Isopropylbenzene	11.02	105	548021	50.736	ug/l	98
74) N-amyl acetate	10.90	43	226581	55.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183322	51.248	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198823	68.474	ug/l	81
77) Bromobenzene	11.26	156	149334	49.513	ug/l	98
78) n-propylbenzene	11.36	91	618691	52.117	ug/l	99
79) 2-Chlorotoluene	11.42	91	360596	51.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	460493	51.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53643	43.099	ug/l	91
82) 4-Chlorotoluene	11.51	91	421208	52.365	ug/l	100
83) tert-Butylbenzene	11.77	119	452450	50.625	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	472776	52.847	ug/l	98
85) sec-Butylbenzene	11.94	105	539014	51.366	ug/l	99
86) p-Isopropyltoluene	12.06	119	498523	51.361	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264110	50.166	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	266022	49.633	ug/l	99
89) n-Butylbenzene	12.38	91	431124	52.271	ug/l	99
90) Hexachloroethane	12.60	117	79122	47.143	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	262635	50.194	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37522	48.651	ug/l	94

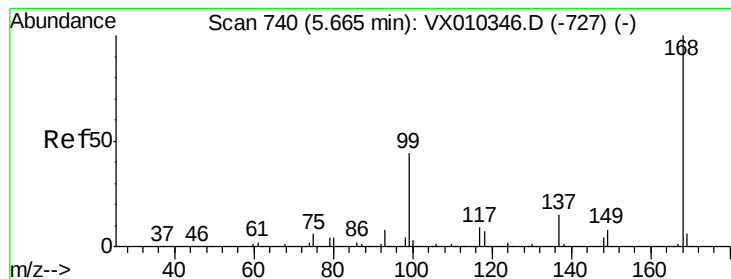
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
Data File : VX010764.D
Acq On : 09 Jul 2019 20:28
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 10 02:14:38 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	180790	49.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	85476	48.198	ug/l	97
95) Naphthalene	13.83	128	570542	51.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182741	50.652	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: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

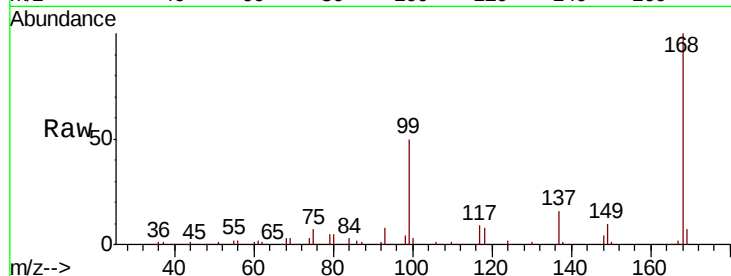
VSTDCCC050EC

Tot Ion:168 Resp: 209507

Ion Ratio Lower Upper

168 100

99 49.6 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

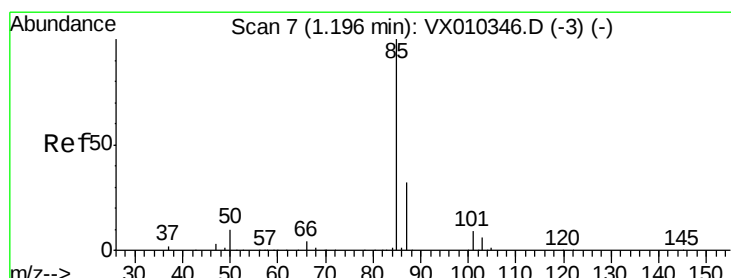
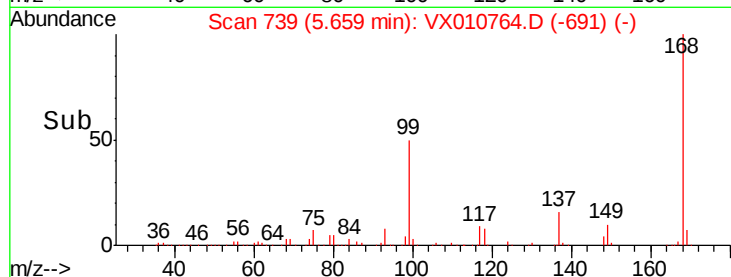
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 60.659 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010764.D

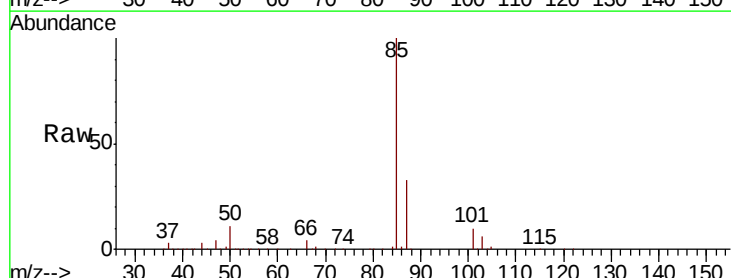
Acq: 09 Jul 2019 20:28

Tgt Ion: 85 Resp: 88353

Ion Ratio Lower Upper

85 100

87 33.1 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

100000

80000

60000

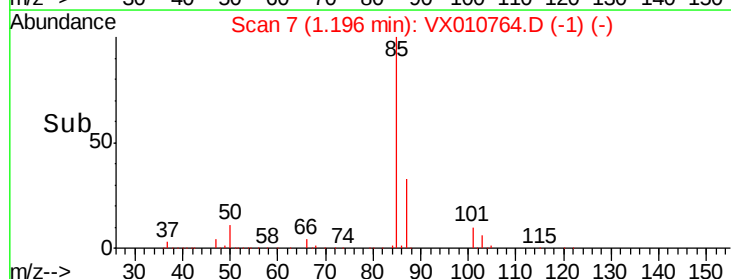
40000

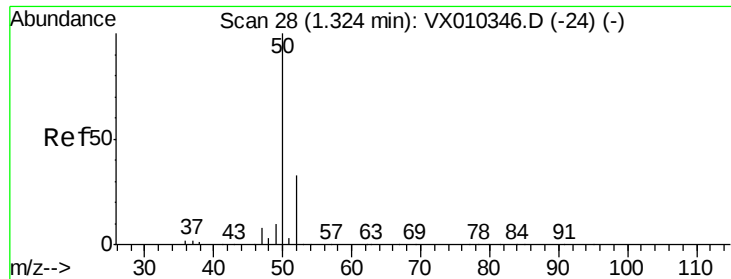
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 56.765 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

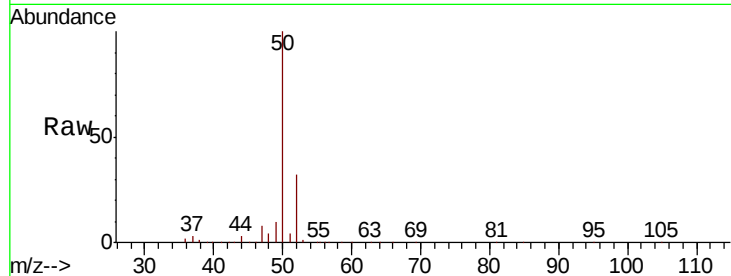
VSTDCCC050EC

Tot Ion: 50 Resp: 96278

Ion Ratio Lower Upper

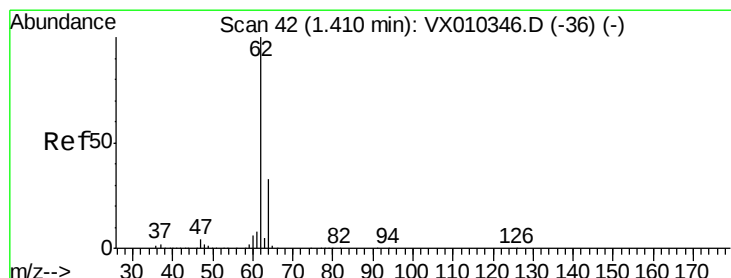
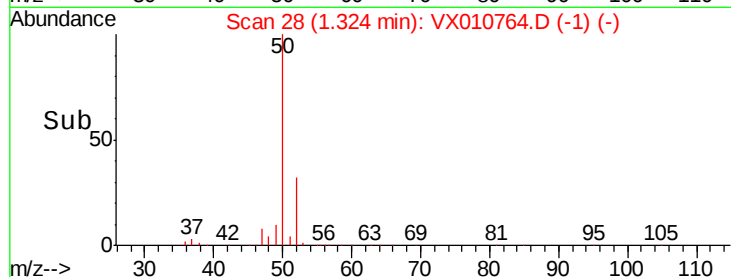
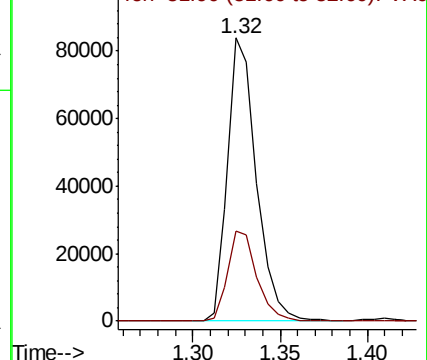
50 100

52 31.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.577 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010764.D

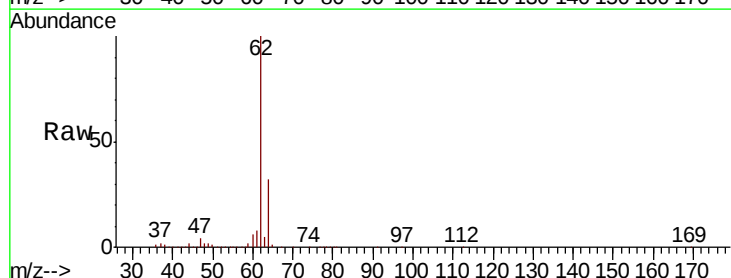
Acq: 09 Jul 2019 20:28

Tgt Ion: 62 Resp: 101388

Ion Ratio Lower Upper

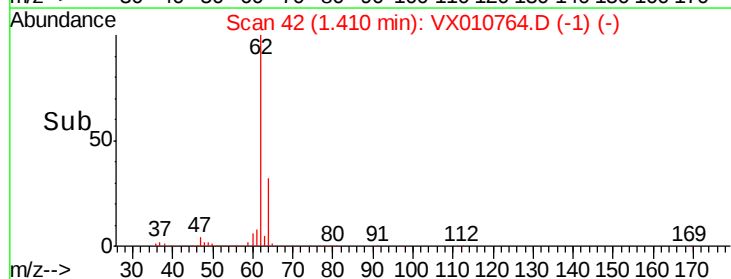
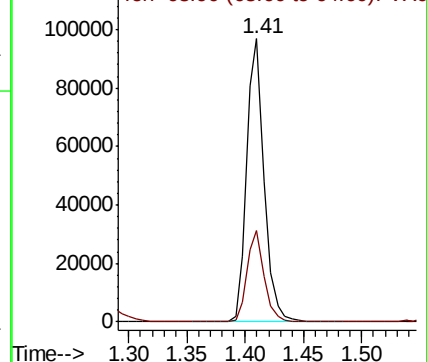
62 100

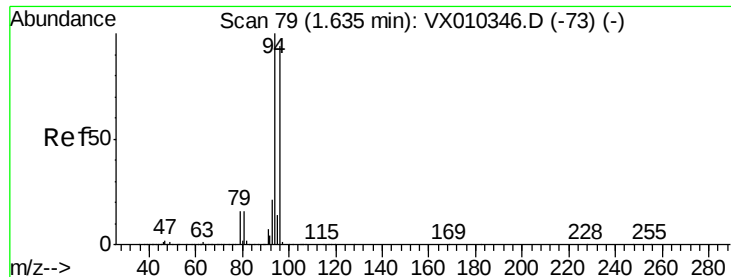
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.987 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

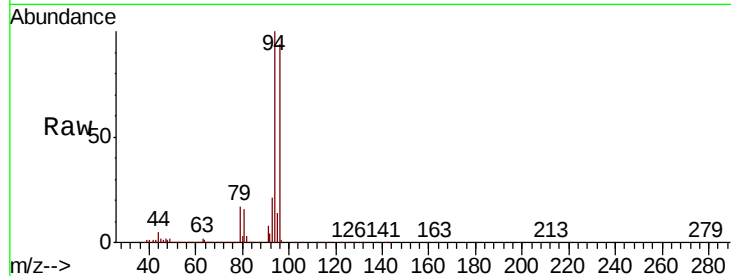
VSTDCCC050EC

Tot Ion: 94 Resp: 49765

Ion Ratio Lower Upper

94 100

96 93.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

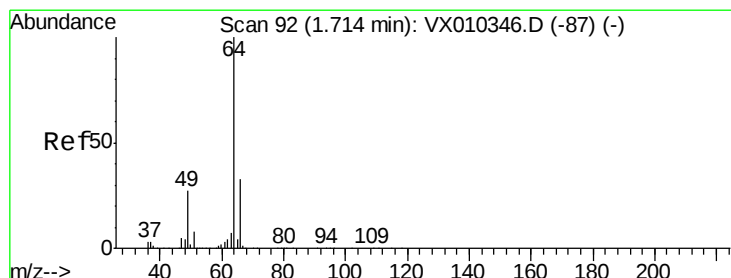
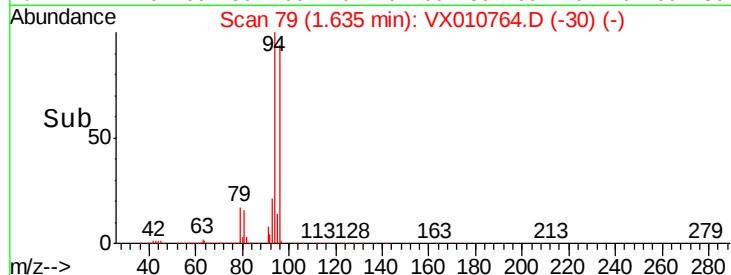
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 57.833 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010764.D

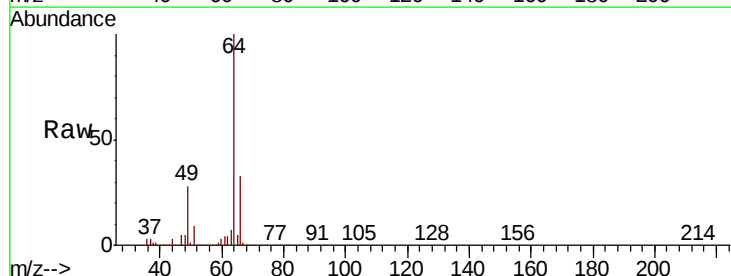
Acq: 09 Jul 2019 20:28

Tgt Ion: 64 Resp: 63385

Ion Ratio Lower Upper

64 100

66 33.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

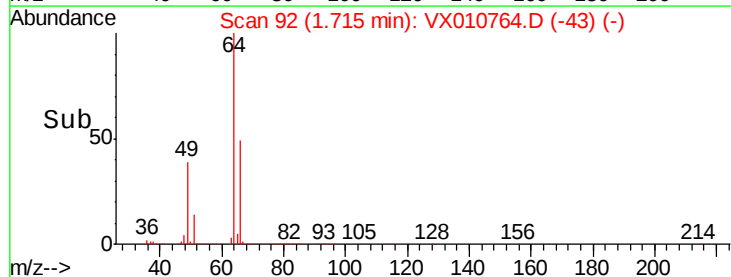
30000

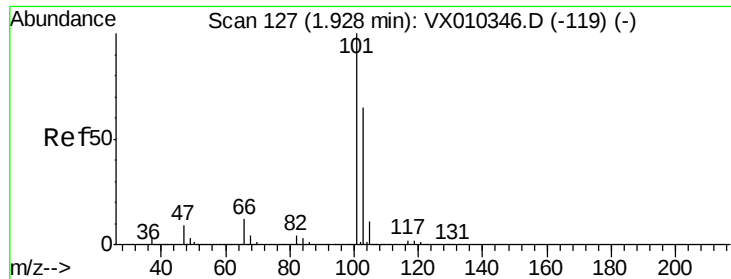
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



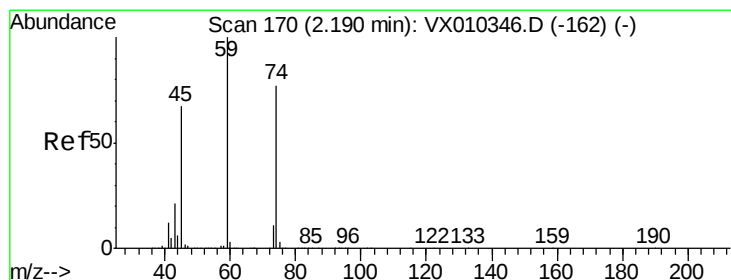
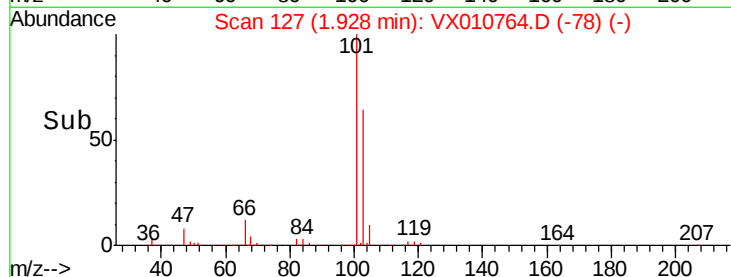
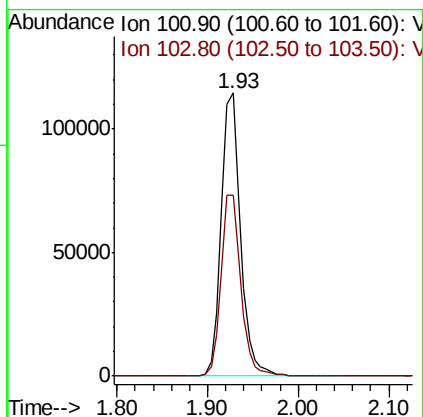
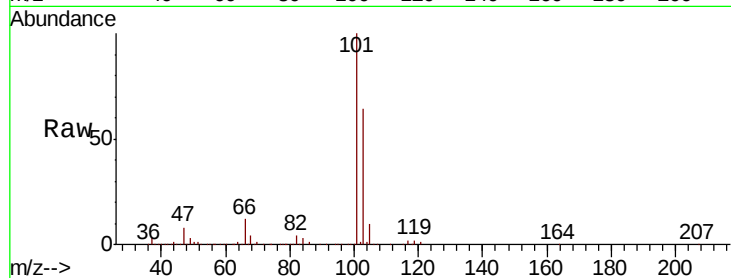


#7

Trichlorofluoromethane
 Concen: 58.248 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

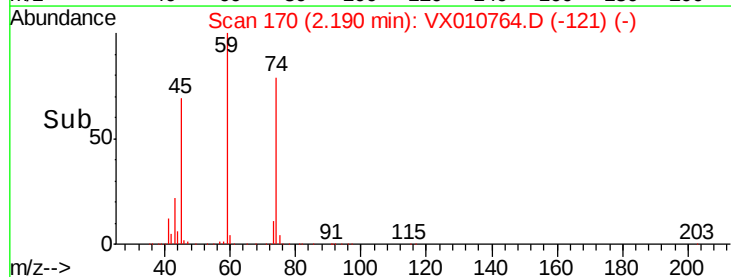
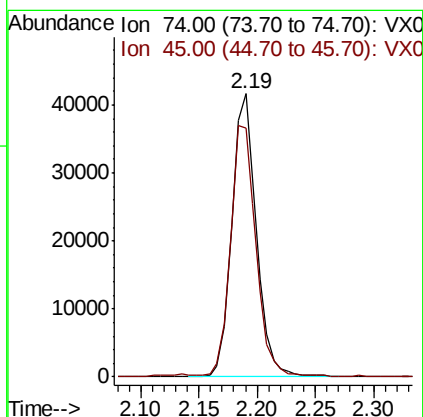
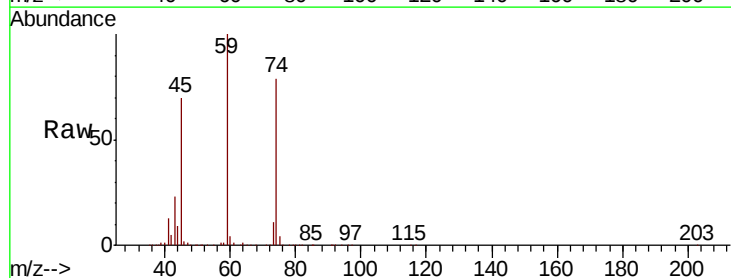
Tot Ion:101 Resp: 171535
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5



#8

Diethyl Ether
 Concen: 57.876 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 74 Resp: 61122
 Ion Ratio Lower Upper
 74 100
 45 91.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.924 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

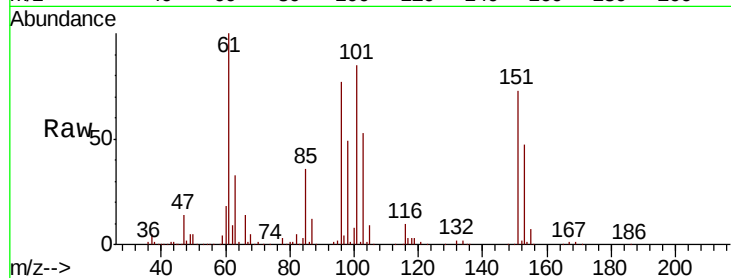
Tot Ion:101 Resp: 96234

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

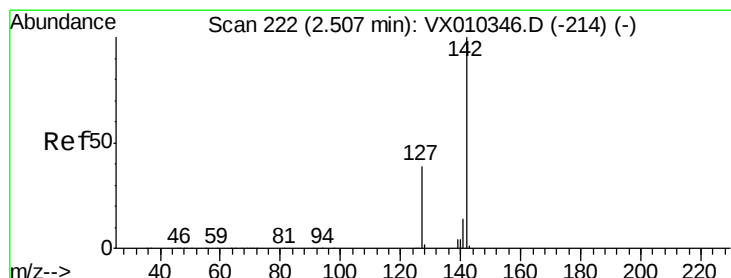
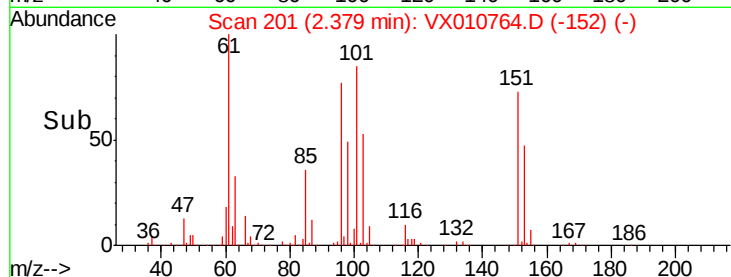
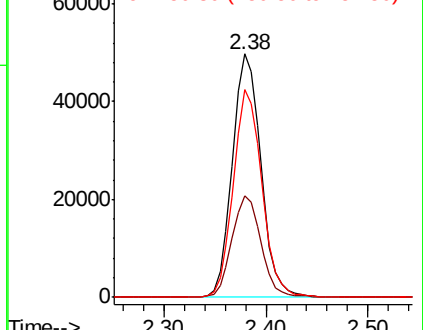
151 85.6 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.235 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

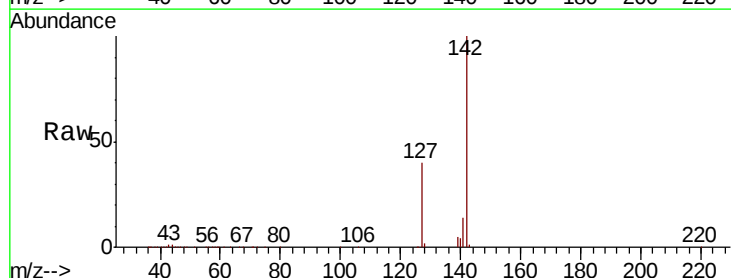
Tgt Ion:142 Resp: 125398

Ion Ratio Lower Upper

142 100

127 40.6 31.1 46.7

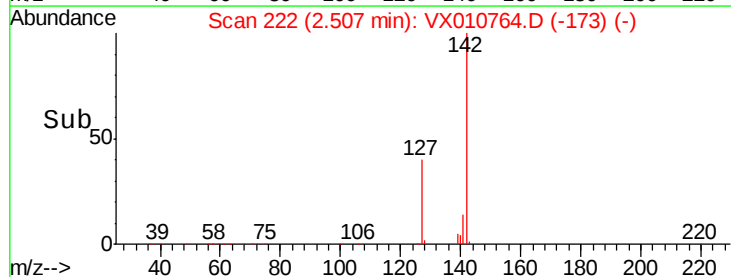
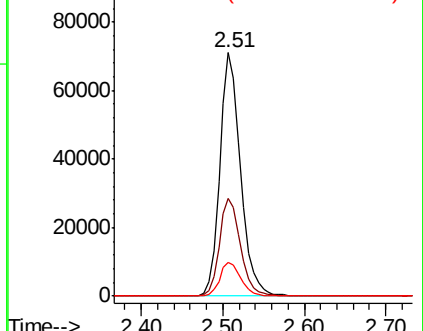
141 14.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



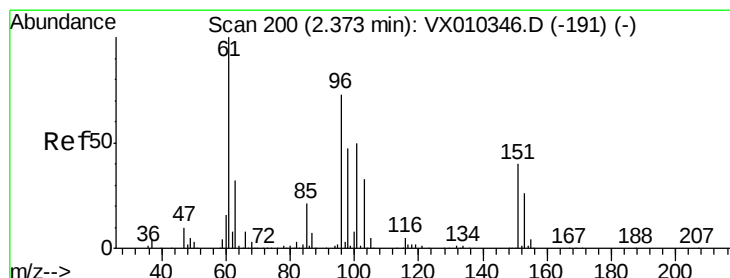
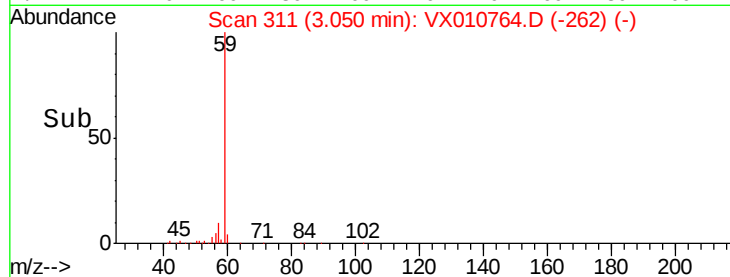
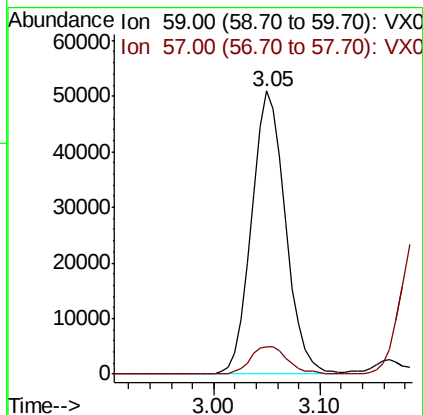
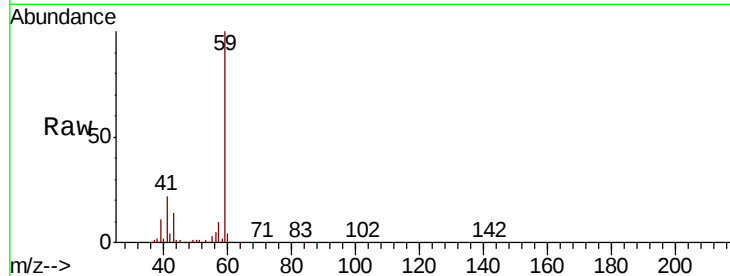


#11

Tert butyl alcohol
 Concen: 221.705 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

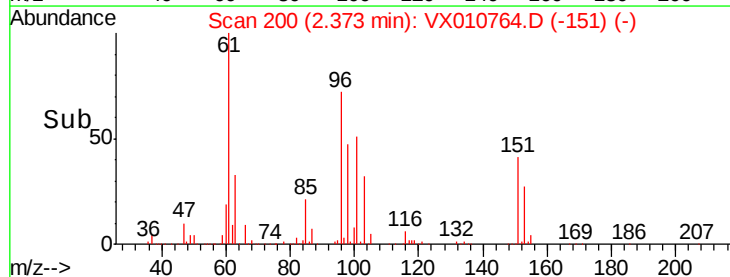
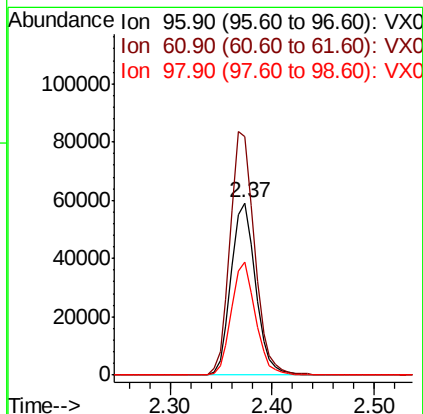
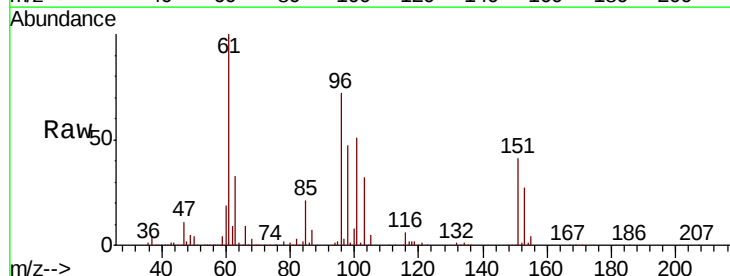
Tot Ion: 59 Resp: 113957
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 54.237 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 96 Resp: 98493
 Ion Ratio Lower Upper
 96 100
 61 138.7 109.2 163.8
 98 65.7 51.1 76.7





#13

Acrolein

Concen: 205.043 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

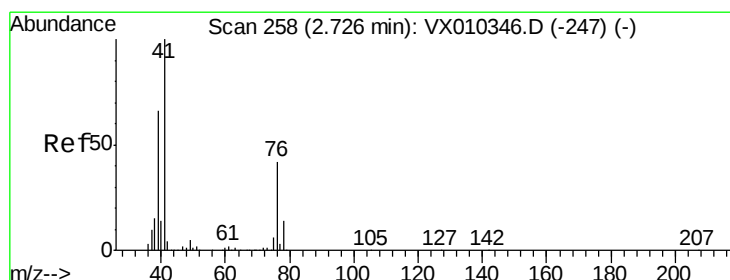
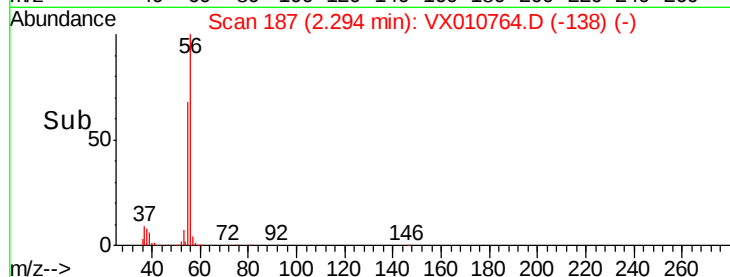
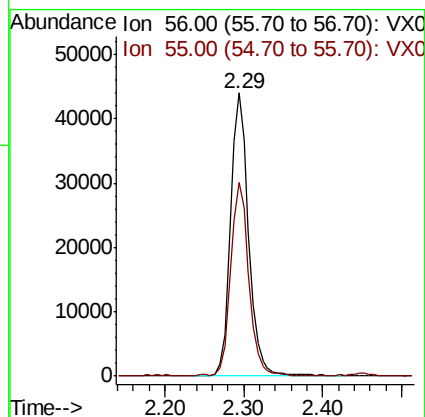
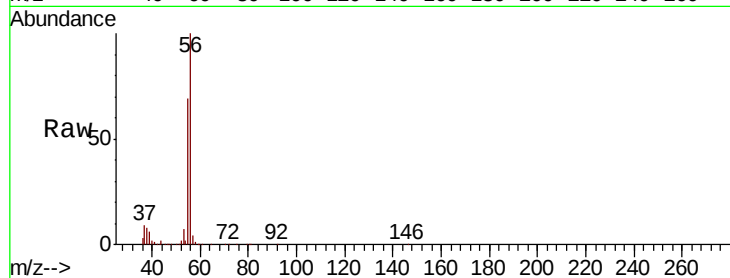
VSTDCCC050EC

Tot Ion: 56 Resp: 69915

Ion Ratio Lower Upper

56 100

55 67.5 56.9 85.3



#14

Allyl chloride

Concen: 54.997 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

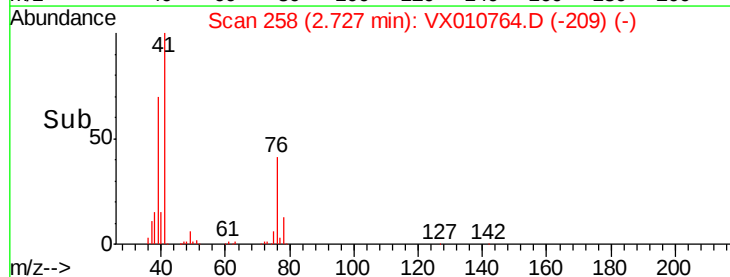
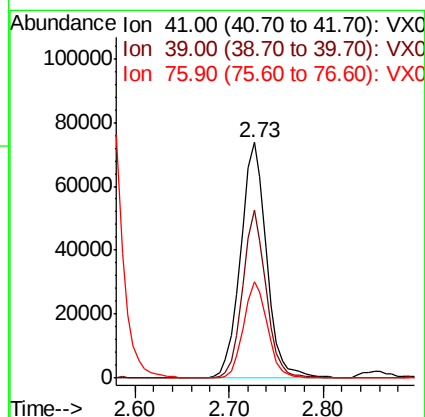
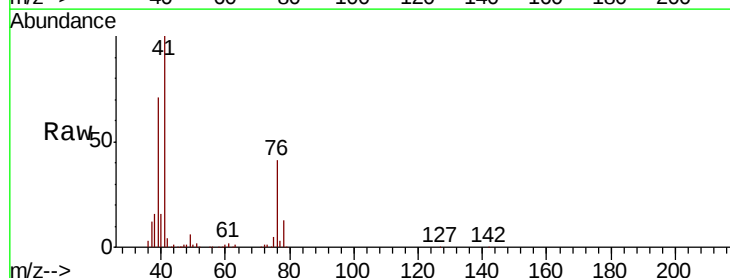
Tgt Ion: 41 Resp: 141790

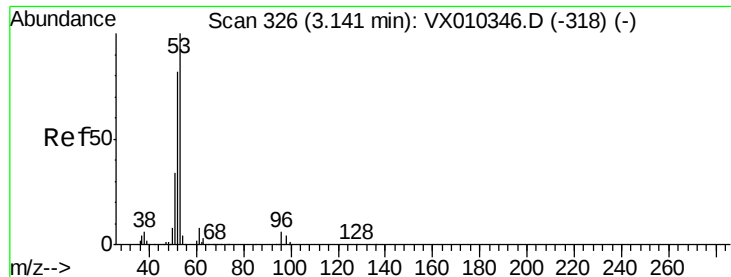
Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

76 37.6 31.3 46.9





#15

Acrylonitrile

Concen: 279.335 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

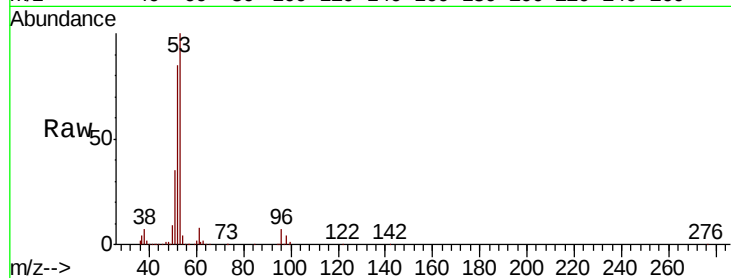
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 284270

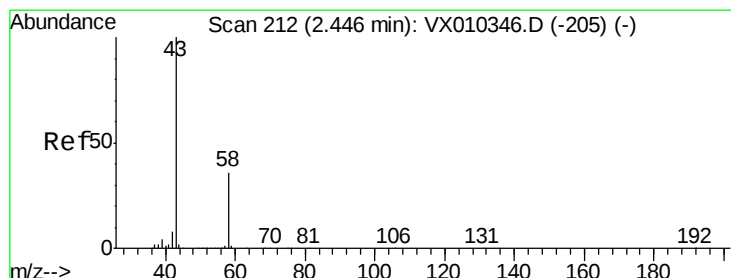
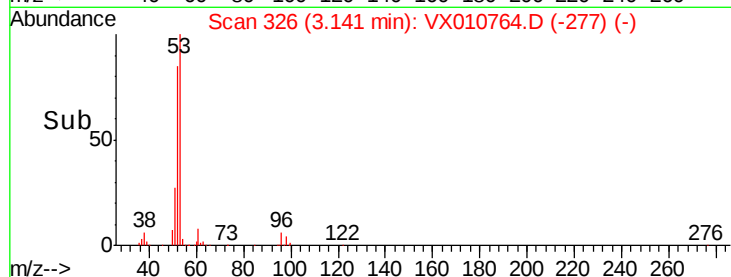
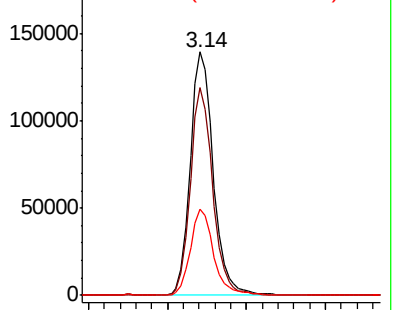
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.5	98.3
51	35.5	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 229.530 ug/l

RT: 2.45 min Scan# 212

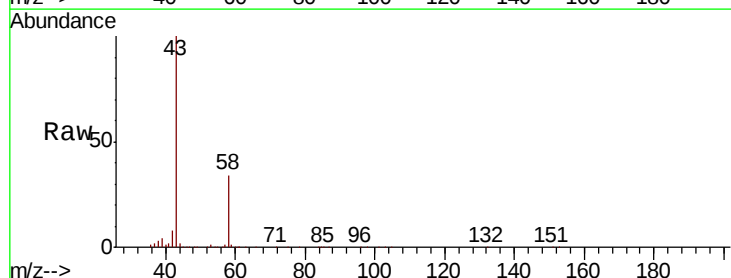
Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

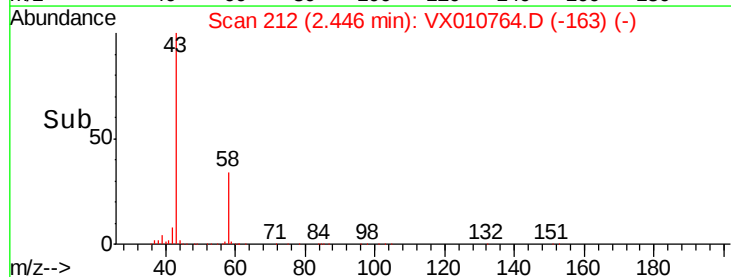
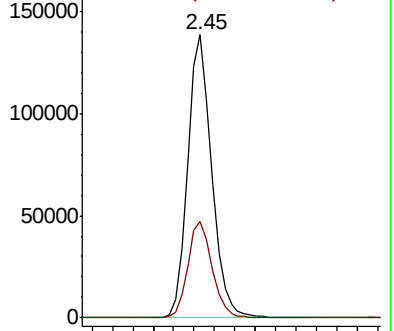
Tgt Ion: 43 Resp: 225964

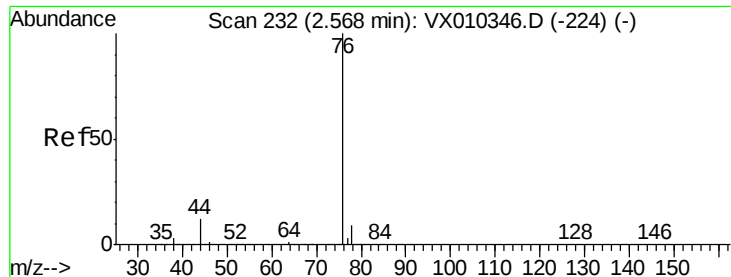
Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.9	43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

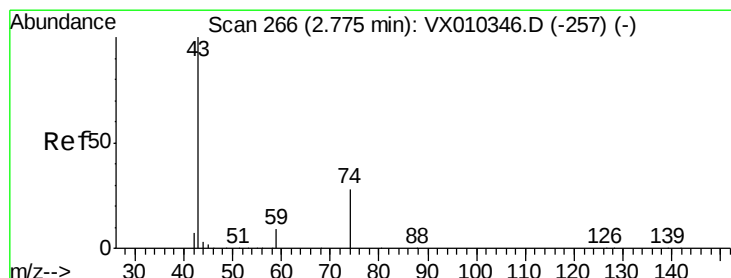
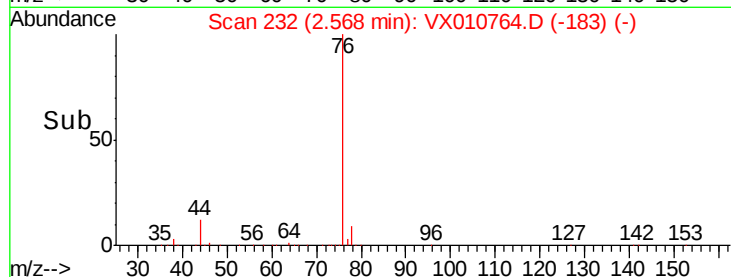
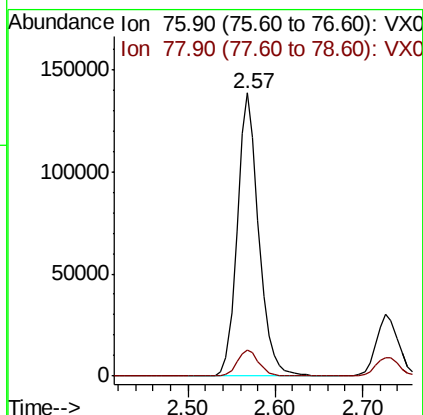
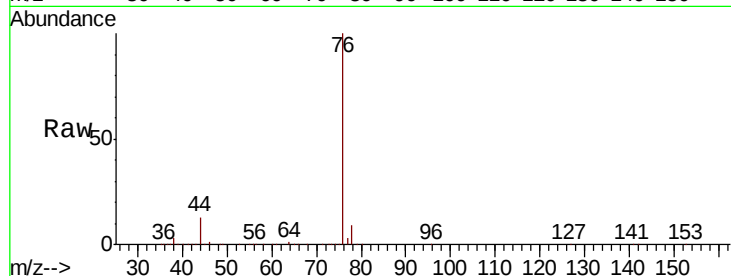




#17
Carbon Disulfide
Concen: 48.517 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

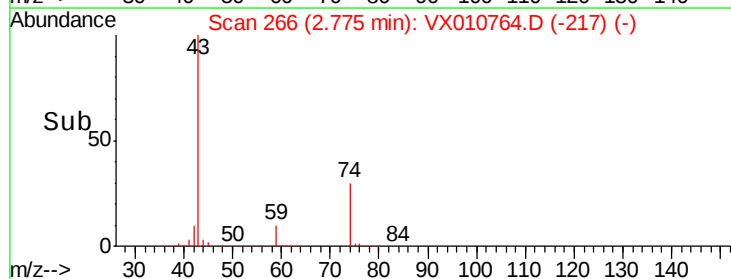
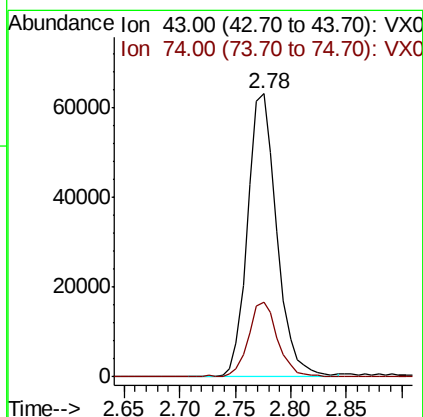
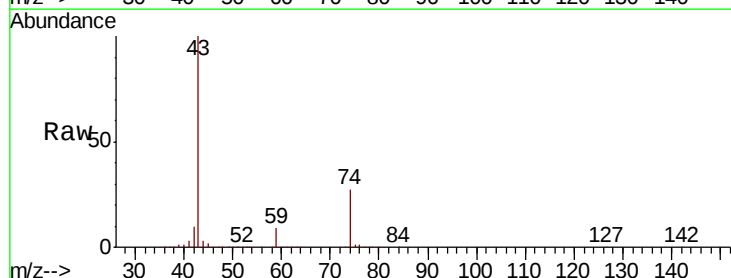
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

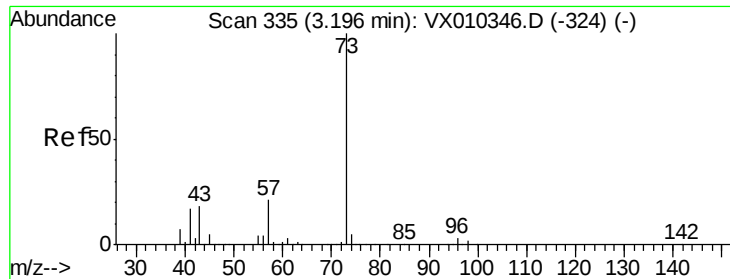
Tot Ion: 76 Resp: 236373
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 59.146 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 43 Resp: 116051
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9



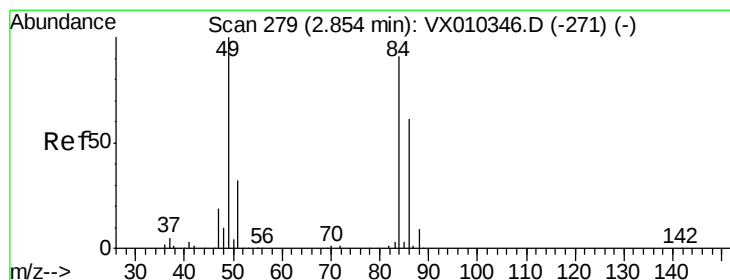
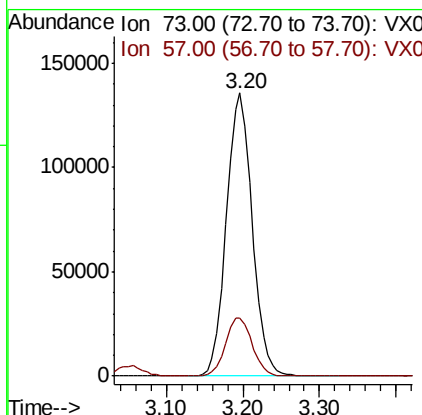
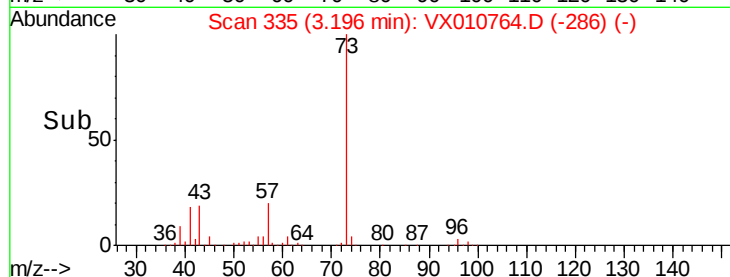
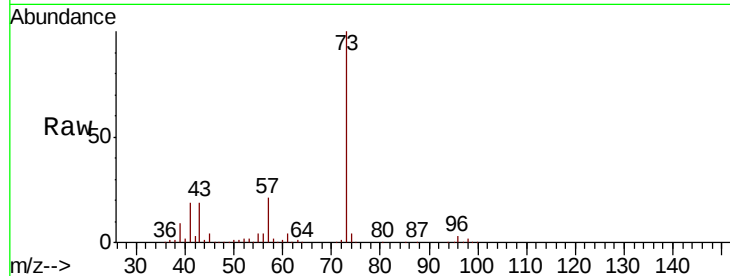


#19

Methyl tert-butyl Ether
 Concen: 55.394 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

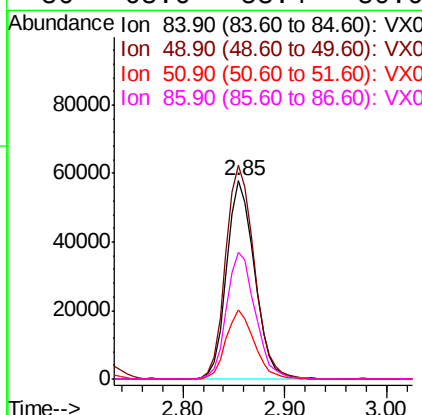
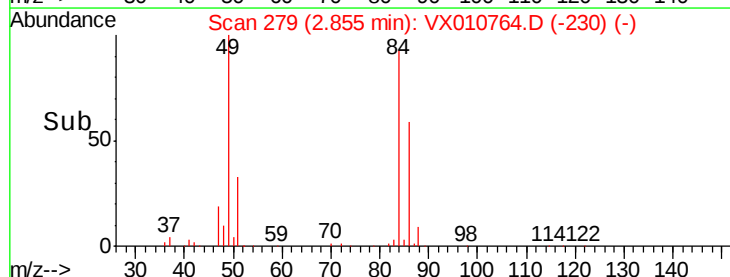
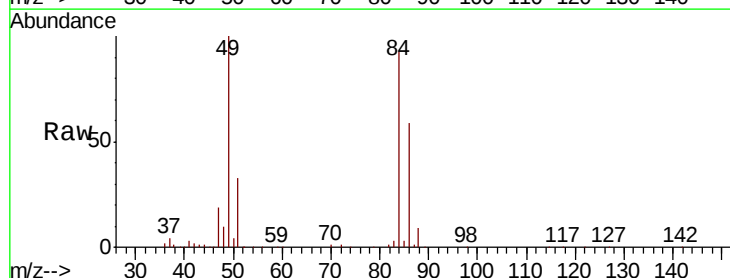
Tot Ion: 73 Resp: 316457
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.4 24.6

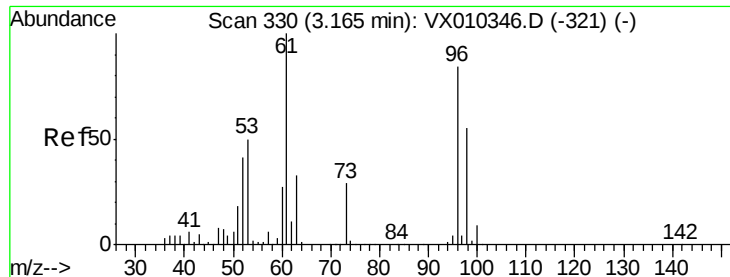


#20

Methylene Chloride
 Concen: 54.341 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 84 Resp: 110093
 Ion Ratio Lower Upper
 84 100
 49 107.6 87.5 131.3
 51 35.0 27.7 41.5
 86 63.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.639 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

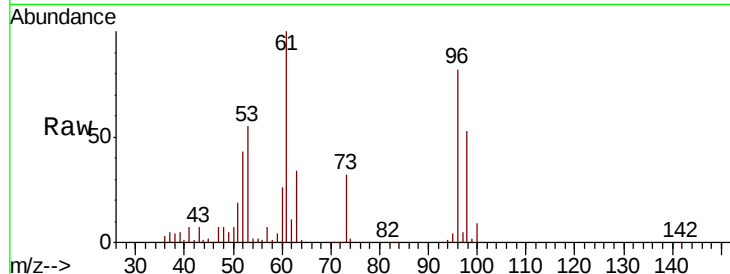
Tot Ion: 96 Resp: 102809

Ion Ratio Lower Upper

96 100

61 122.4 95.6 143.4

98 64.4 52.5 78.7

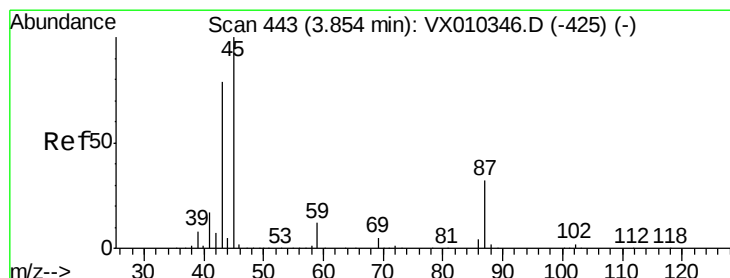
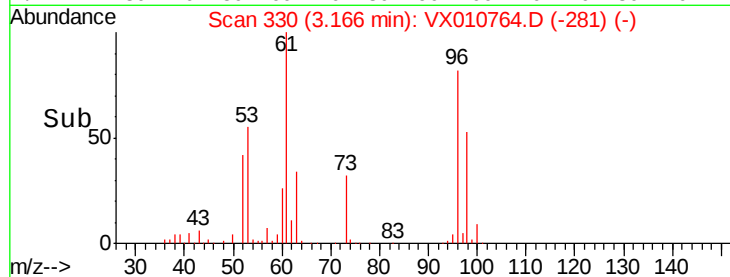
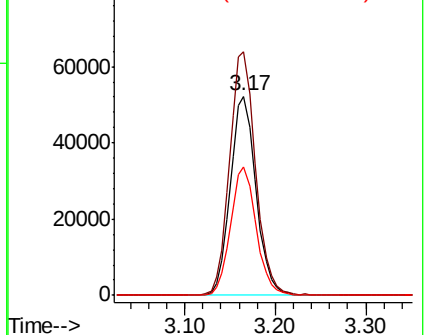


Abundance

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: 56.439 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Tgt Ion: 45 Resp: 304227

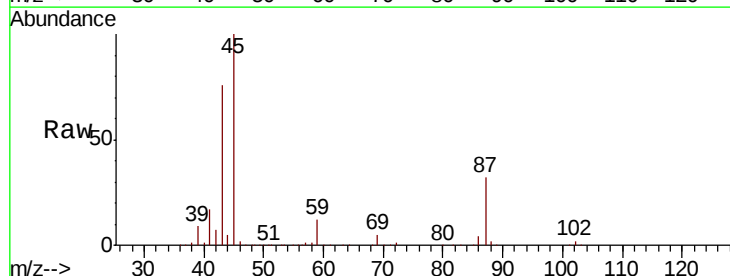
Ion Ratio Lower Upper

45 100

43 75.7 63.3 94.9

87 31.7 25.8 38.8

59 12.1 9.6 14.4



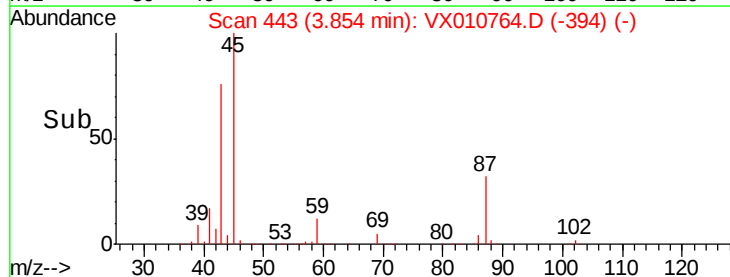
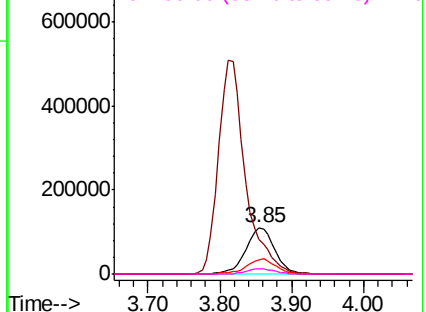
Abundance

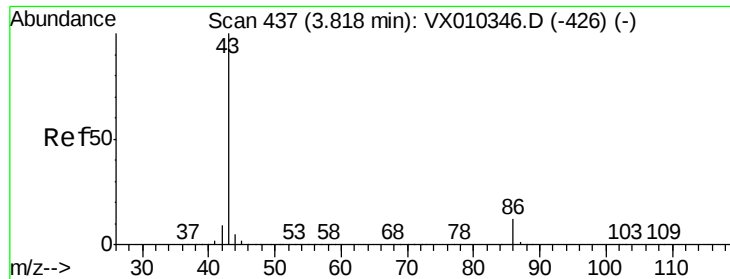
Ion 45.00 (44.70 to 45.70): VX0

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: 287.072 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

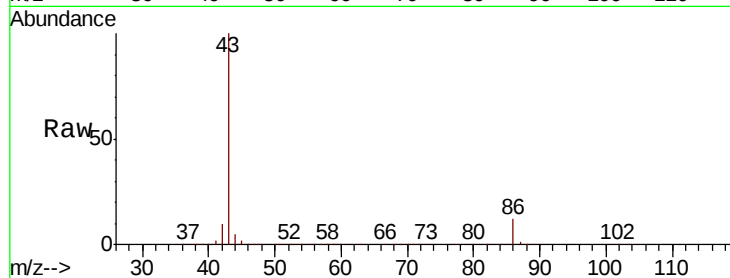
VSTDCCC050EC

Tot Ion: 43 Resp: 1336793

Ion Ratio Lower Upper

43 100

86 11.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

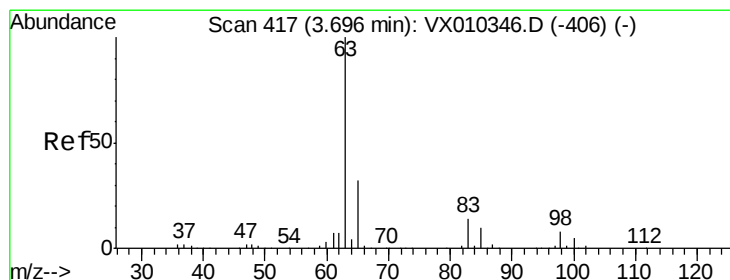
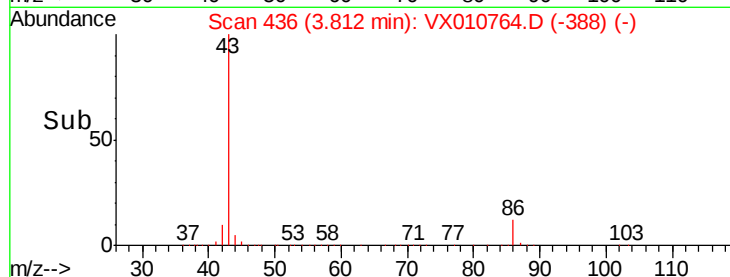
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.435 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

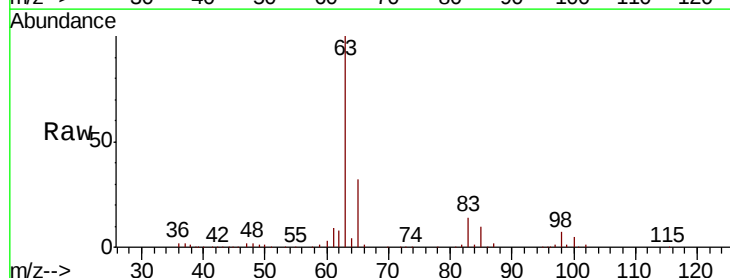
Tgt Ion: 63 Resp: 172725

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.8 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

100000

80000

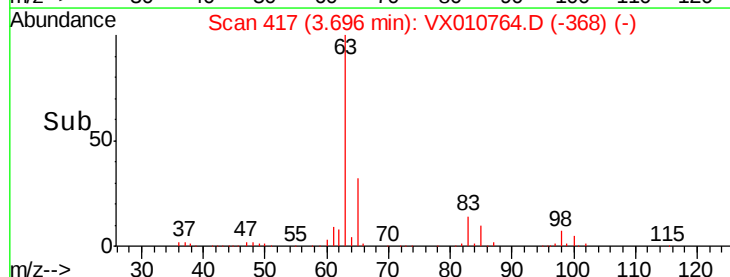
60000

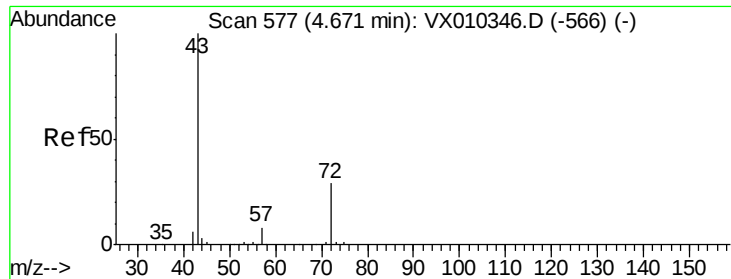
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.147 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

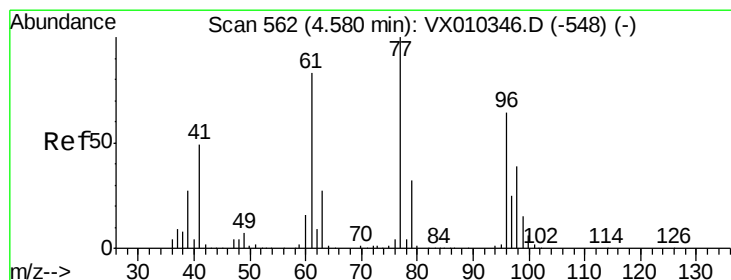
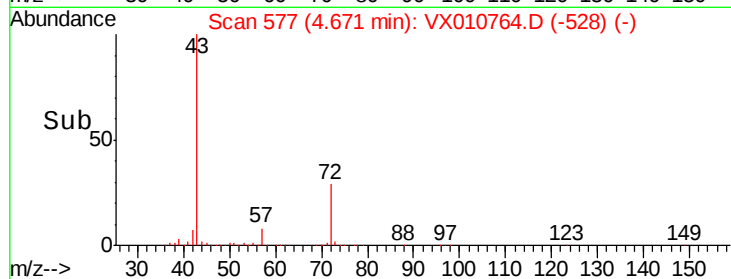
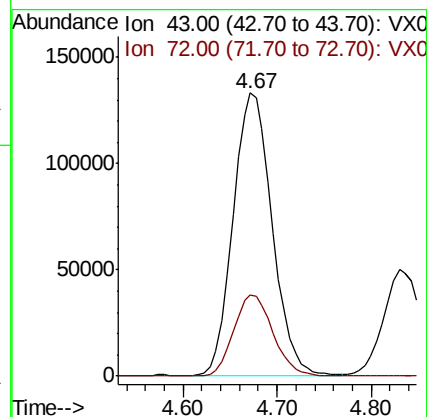
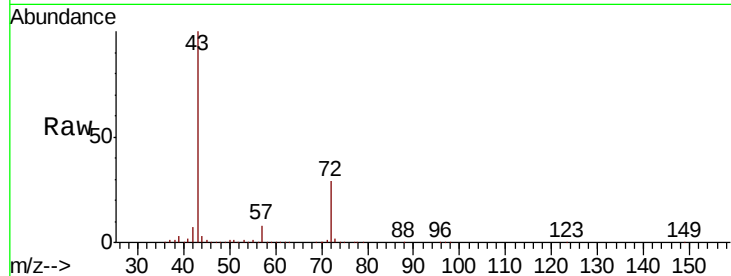
VSTDCCC050EC

Tot Ion: 43 Resp: 382896

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 45.355 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010764.D

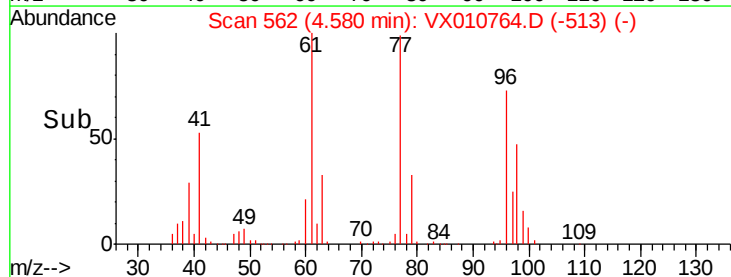
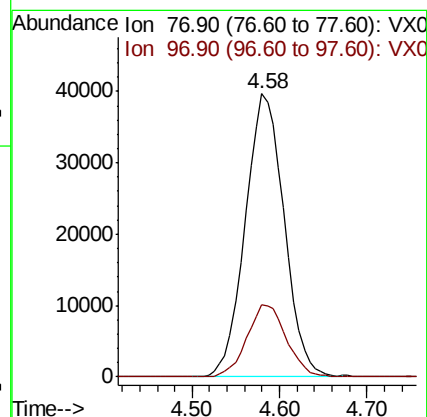
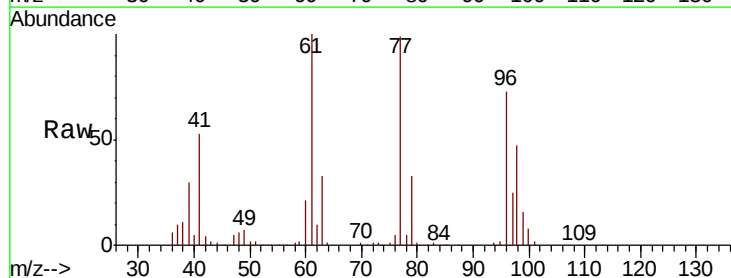
Acq: 09 Jul 2019 20:28

Tgt Ion: 77 Resp: 122760

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



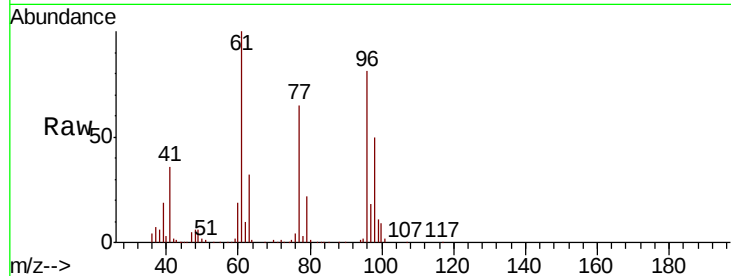


#27

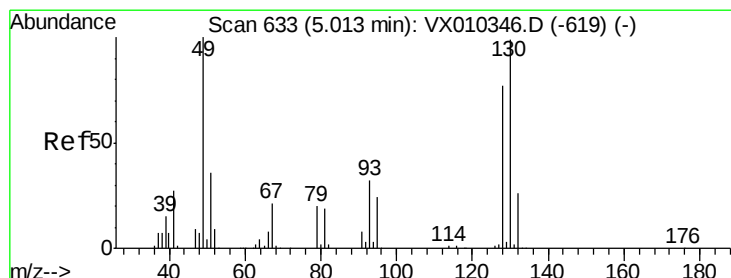
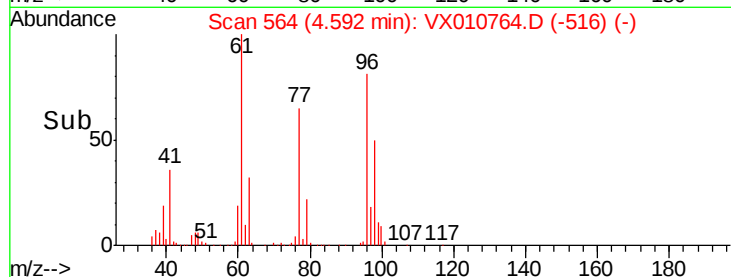
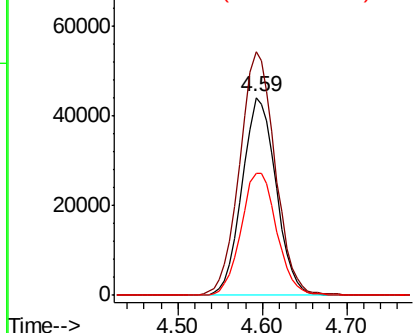
cis-1,2-Dichloroethene
 Concen: 53.436 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	251.8
98	64.8	0.0	129.4



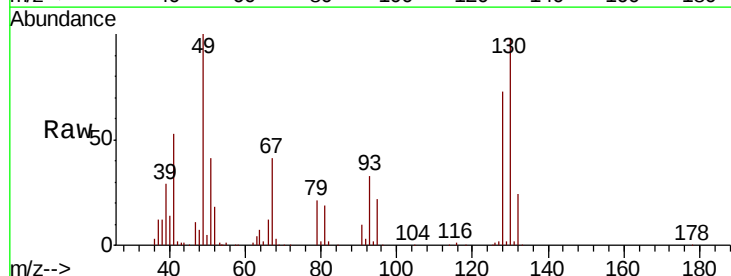
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



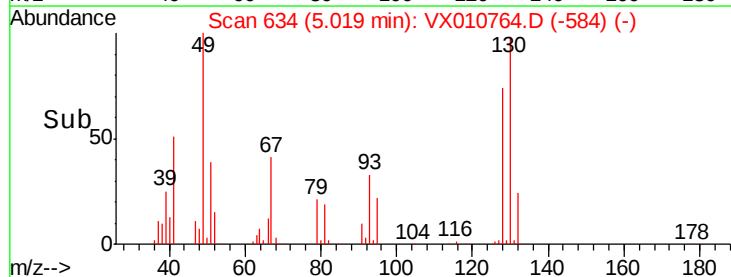
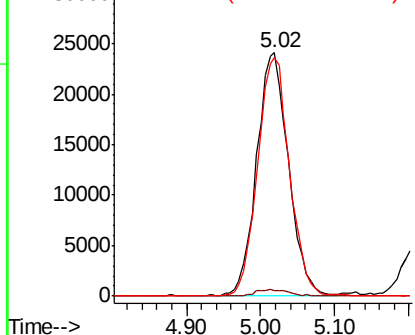
#28

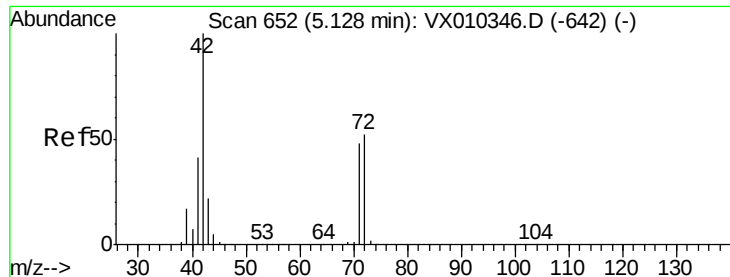
Bromochloromethane
 Concen: 48.648 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	97.8	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: 276.617 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

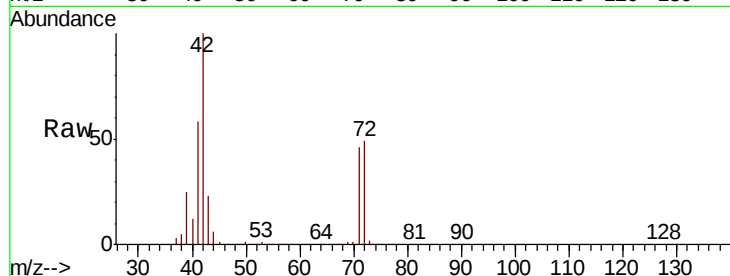
Tot Ion: 42 Resp: 247428

Ion Ratio Lower Upper

42 100

72 49.4 40.6 60.8

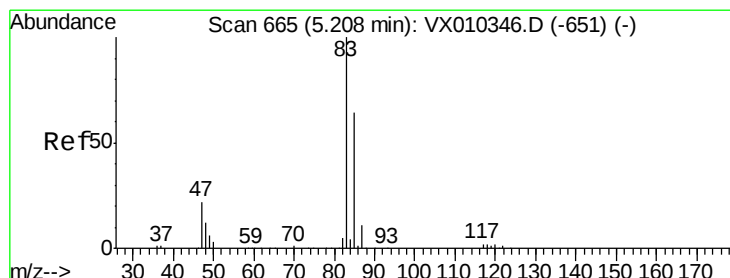
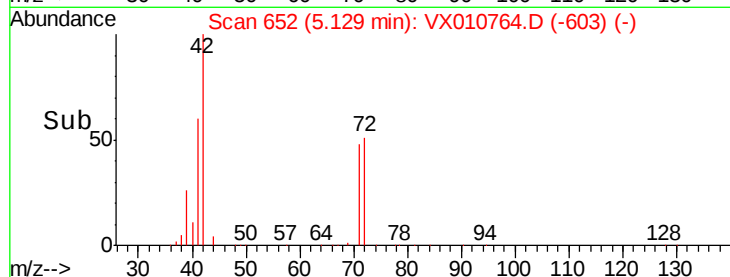
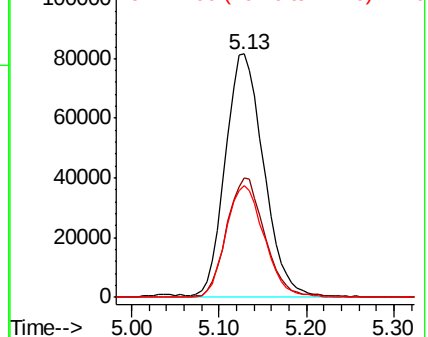
71 46.2 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.276 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010764.D

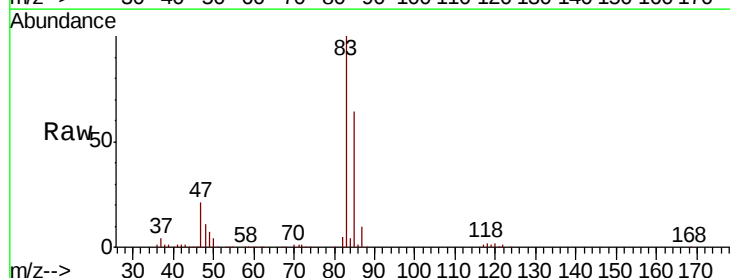
Acq: 09 Jul 2019 20:28

Tgt Ion: 83 Resp: 185309

Ion Ratio Lower Upper

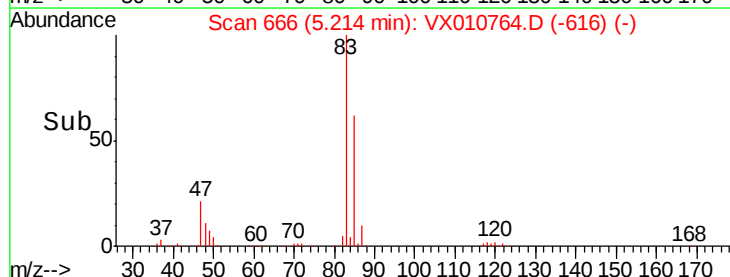
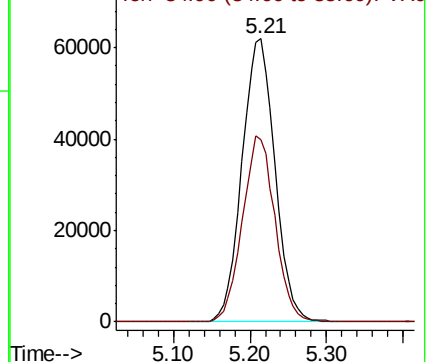
83 100

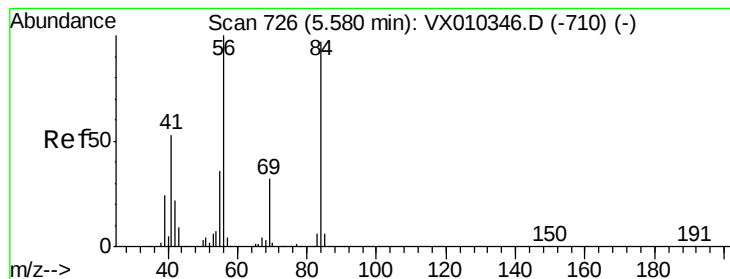
85 64.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.016 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

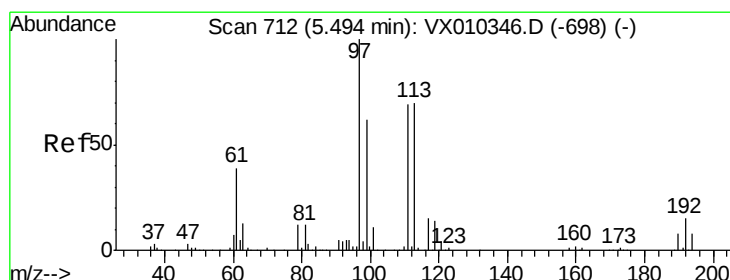
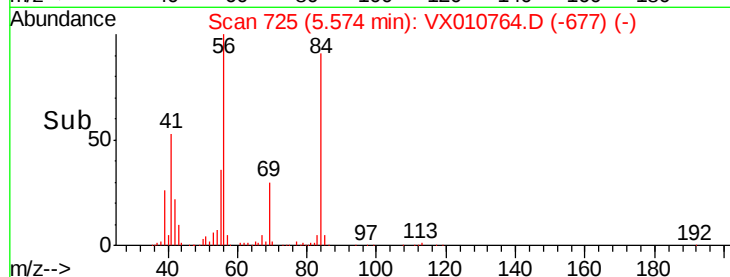
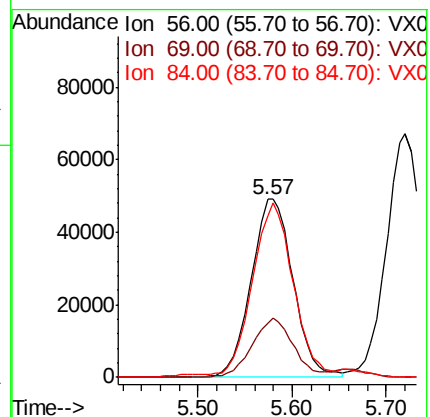
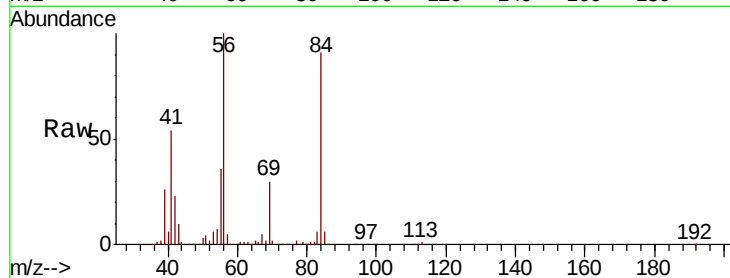
Tot Ion: 56 Resp: 153263

Ion Ratio Lower Upper

56 100

69 30.3 25.9 38.9

84 89.3 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 54.608 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

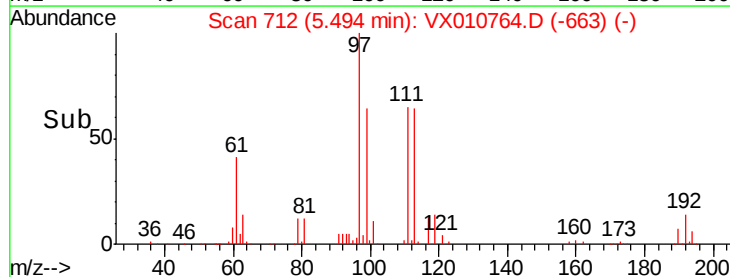
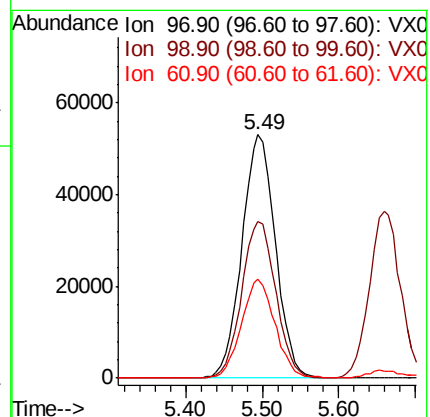
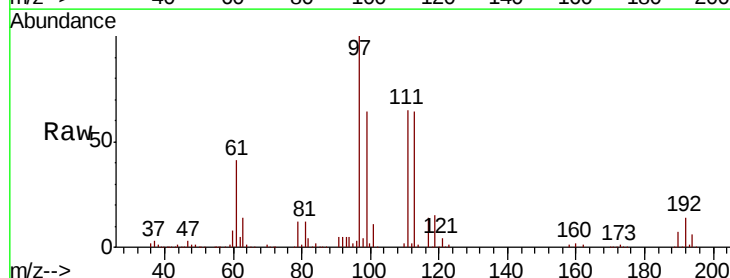
Tgt Ion: 97 Resp: 161650

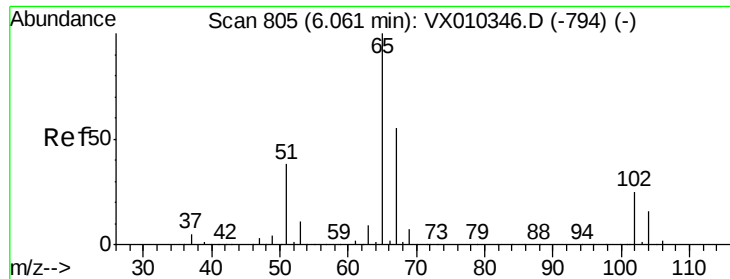
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.8

61 40.8 32.1 48.1

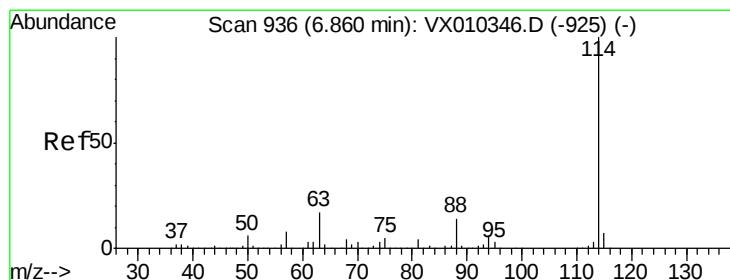
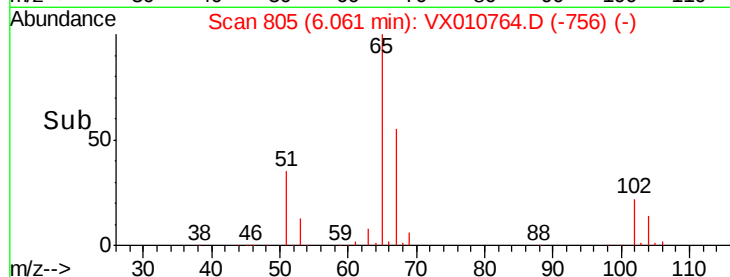
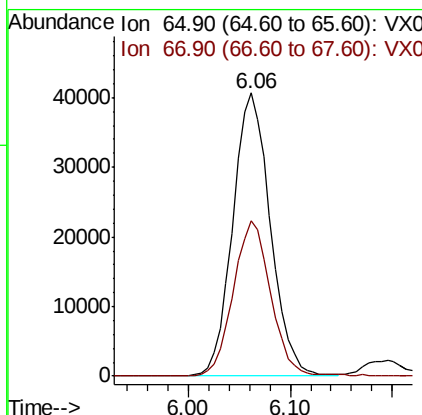
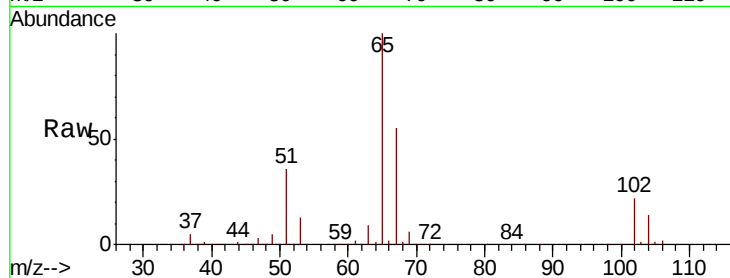




#33
 1,2-Dichloroethane-d4
 Concen: 52.897 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

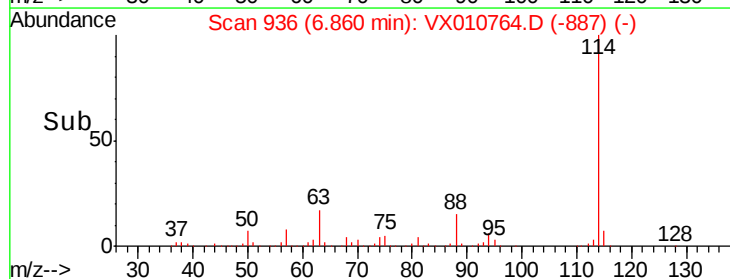
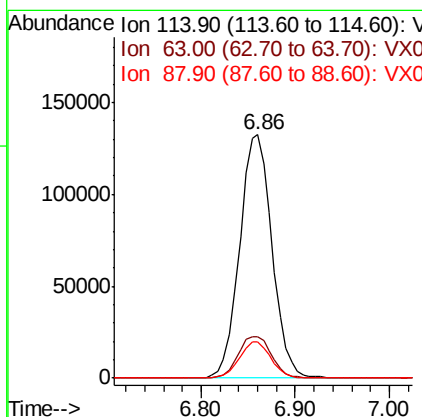
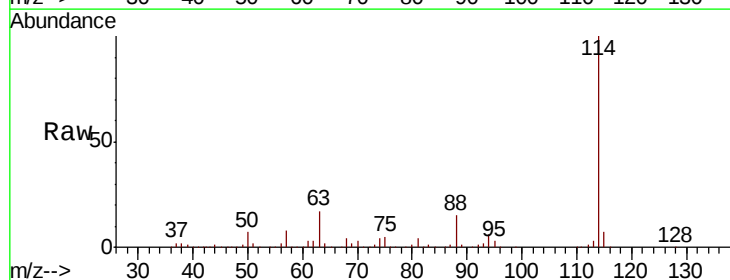
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

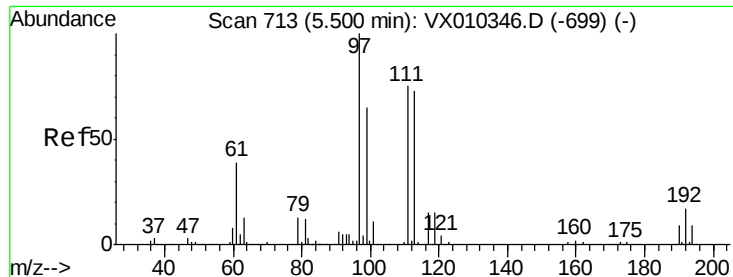
Tot Ion: 65 Resp: 103907
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 114 Resp: 317998
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.7 0.0 27.6

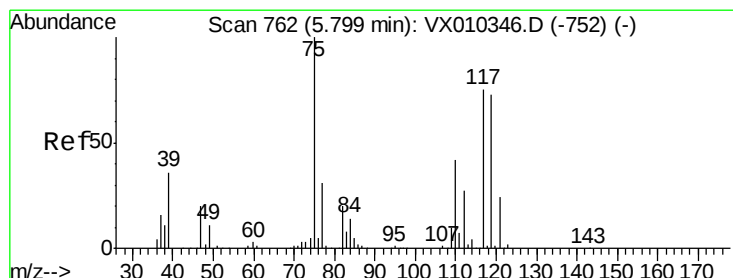
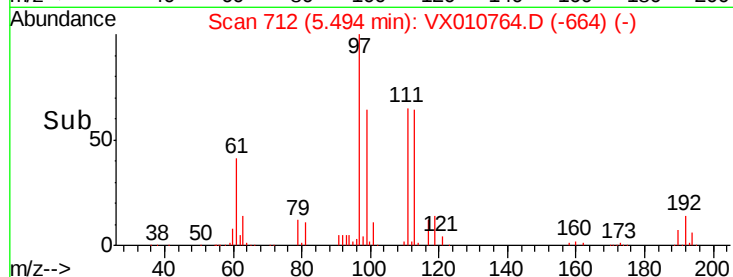
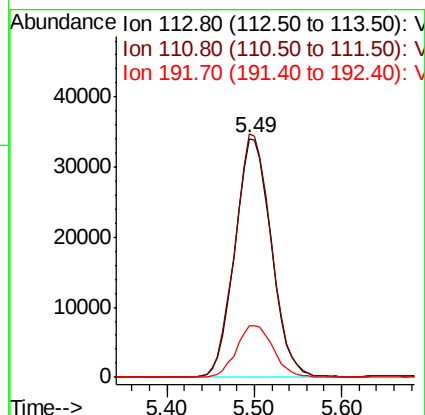
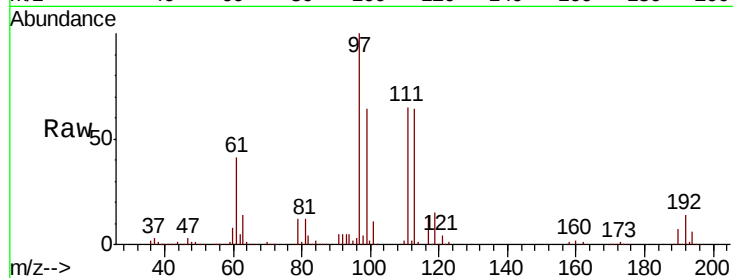




#35
 Dibromofluoromethane
 Concen: 50.778 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

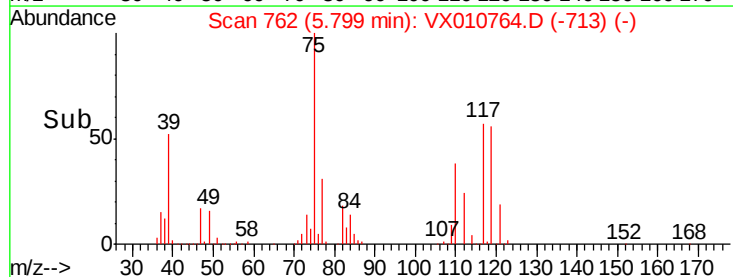
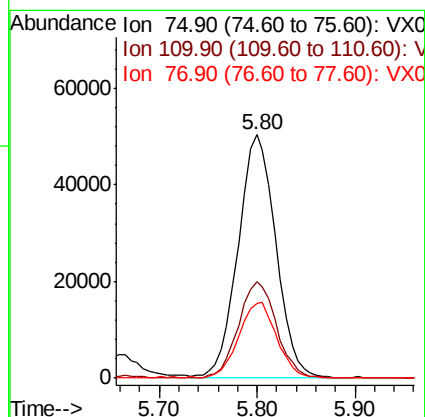
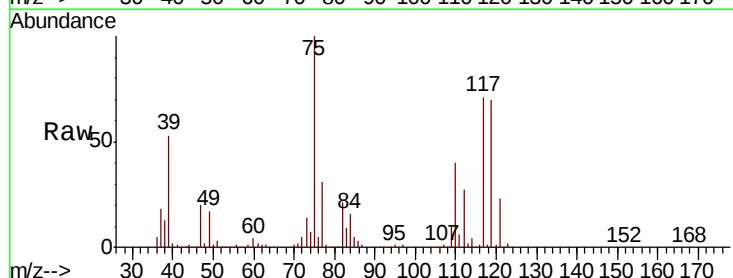
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

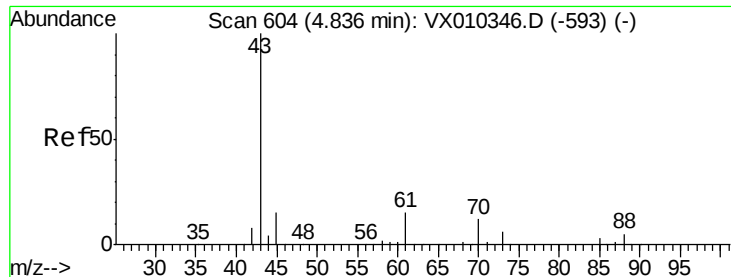
Tot Ion:113 Resp: 98795
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.2 121.8
 192 22.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 53.085 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 75 Resp: 134145
 Ion Ratio Lower Upper
 75 100
 110 40.2 20.8 62.2
 77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 55.535 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

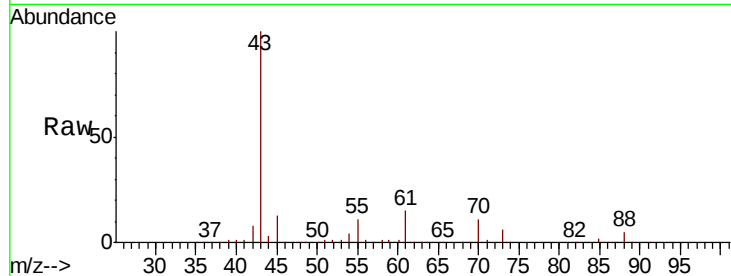
Tot Ion: 43 Resp: 144373

Ion Ratio Lower Upper

43 100

61 15.1 12.4 18.6

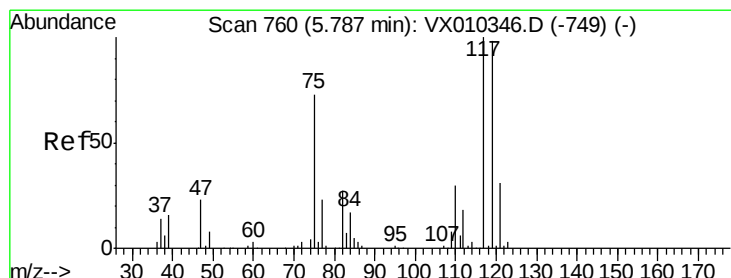
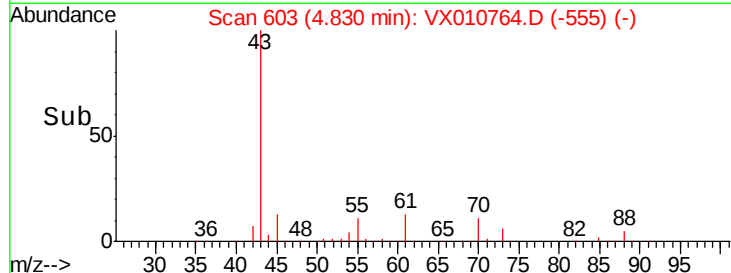
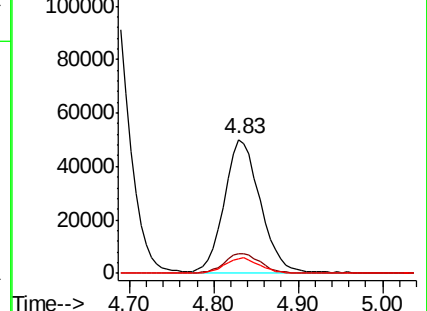
70 11.4 9.8 14.8



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: 51.212 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

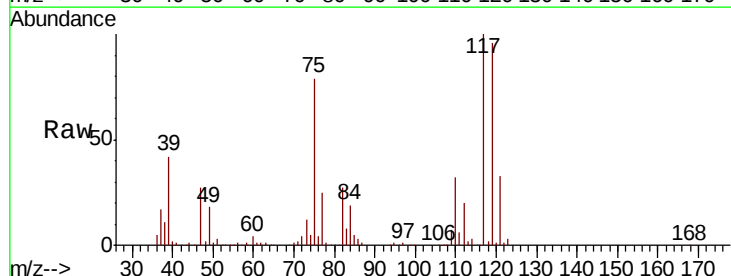
Tgt Ion: 117 Resp: 140135

Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.4

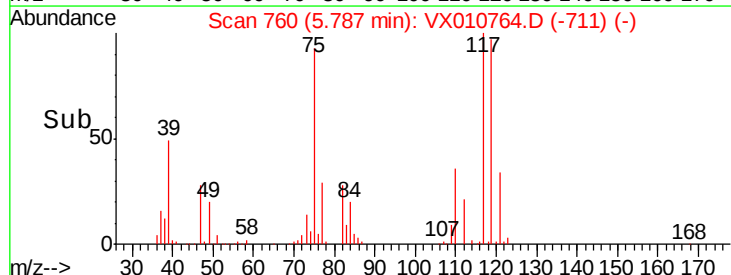
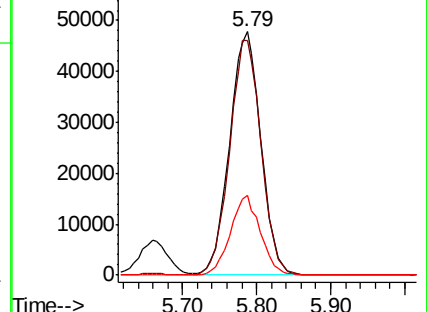
121 33.0 24.7 37.1



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

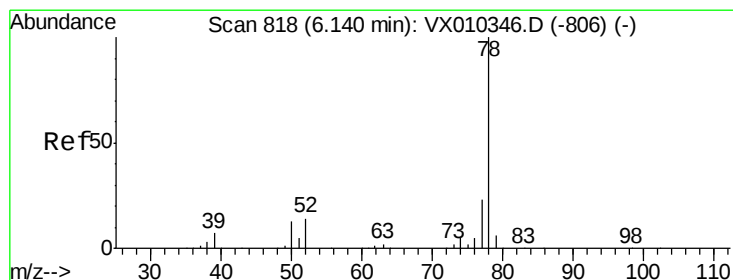
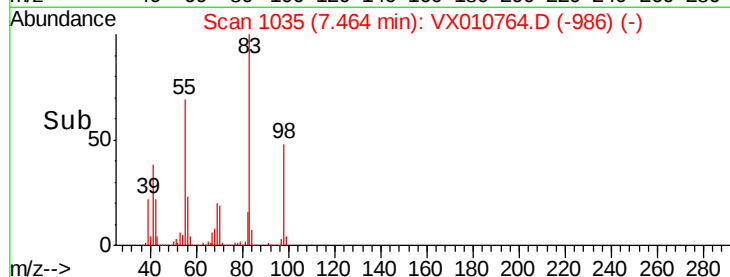
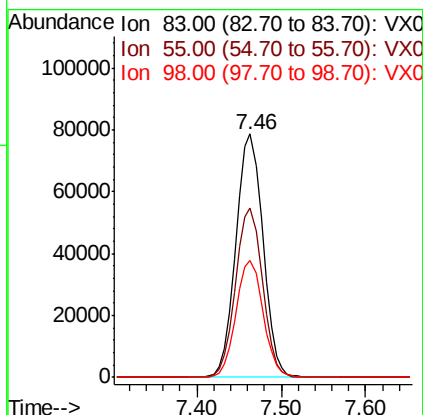
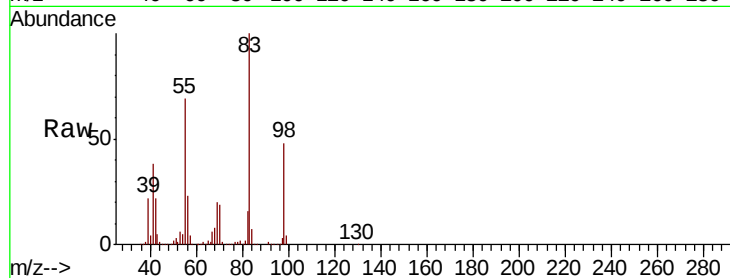




#39
Methvlcvclohexane
Concen: 51.199 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

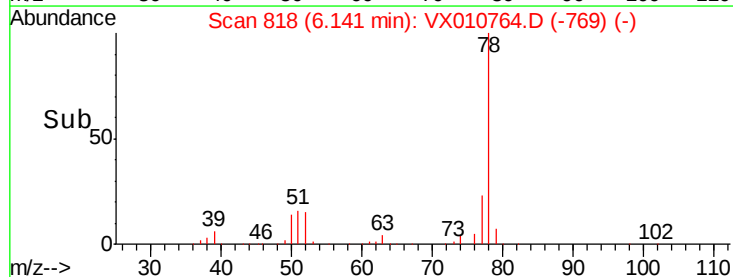
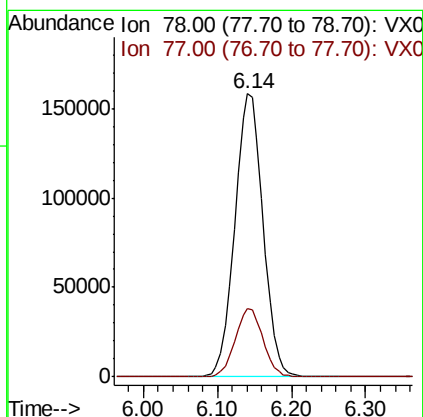
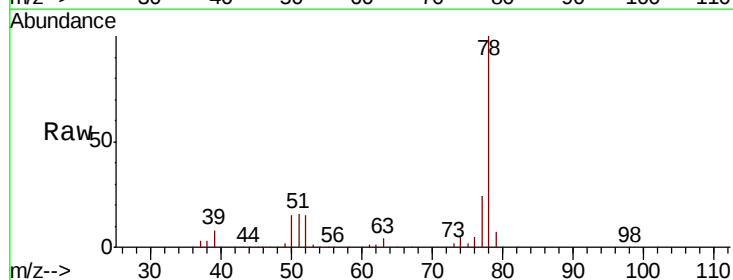
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 170066
Ion Ratio Lower Upper
83 100
55 69.2 53.0 79.6
98 47.9 37.8 56.8



#40
Benzene
Concen: 53.305 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 78 Resp: 419658
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0





#41

Methacrylonitrile

Concen: 55.770 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 79549

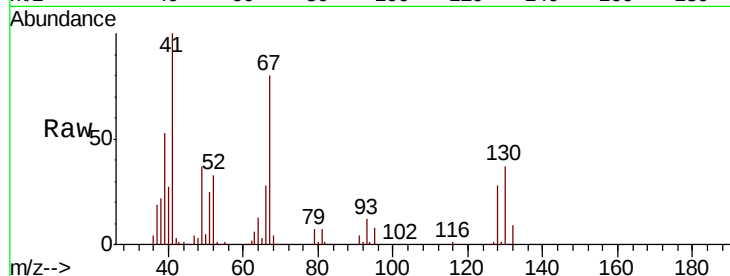
Ion Ratio Lower Upper

41 100

39 55.1 43.8 65.8

67 80.9 66.6 100.0

52 32.2 24.5 36.7

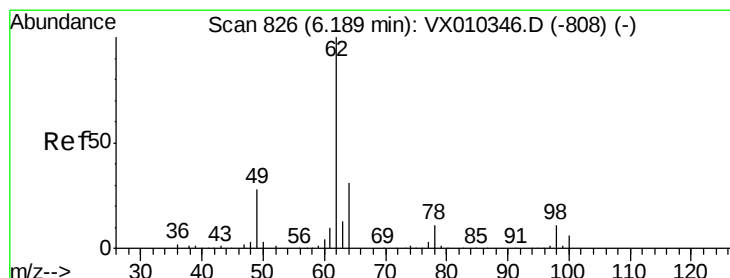
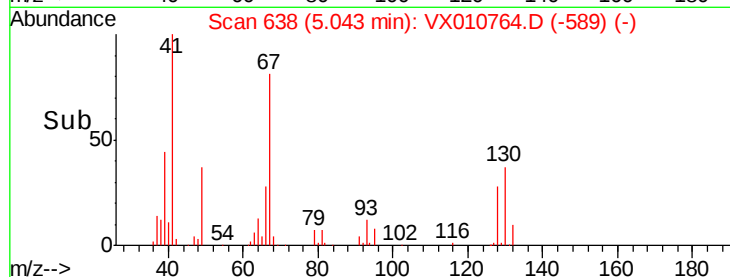
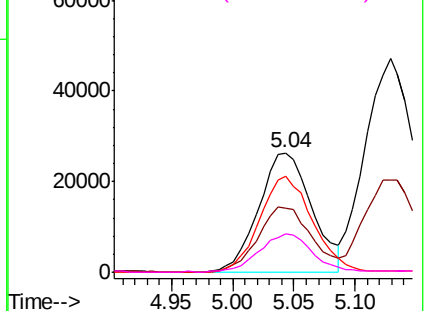


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.608 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010764.D

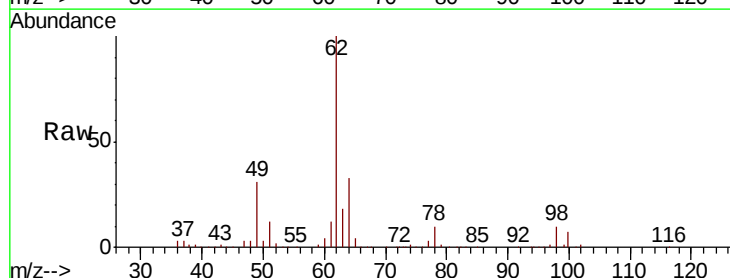
Acq: 09 Jul 2019 20:28

Tgt Ion: 62 Resp: 138057

Ion Ratio Lower Upper

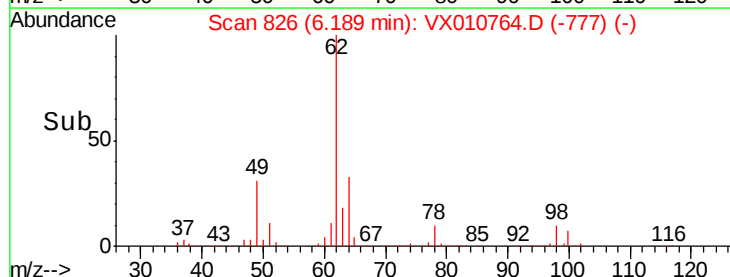
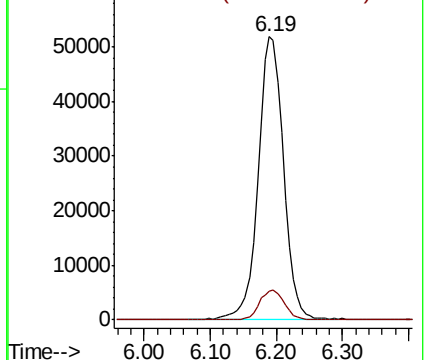
62 100

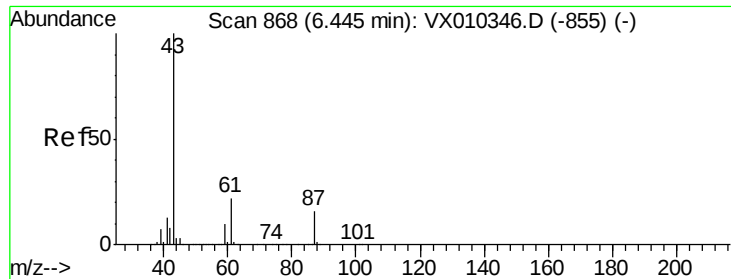
98 10.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



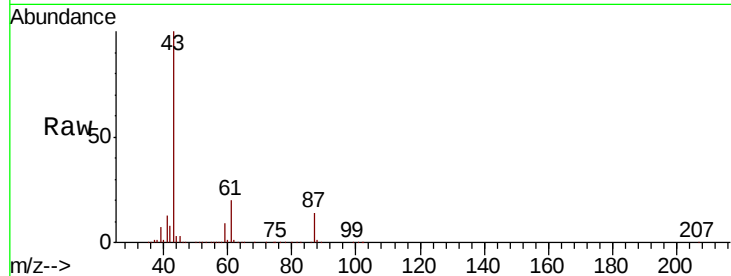


#43

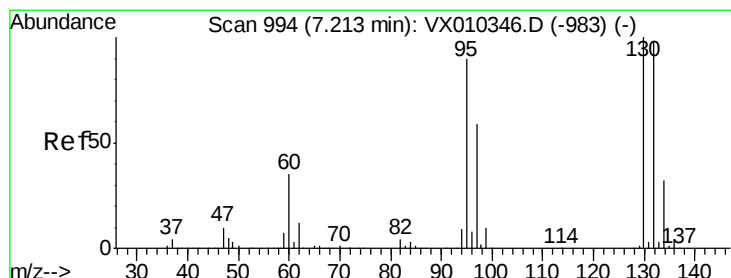
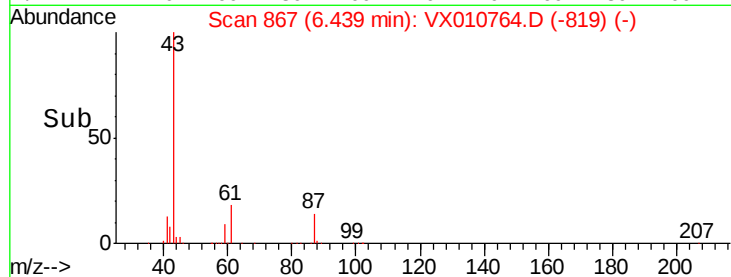
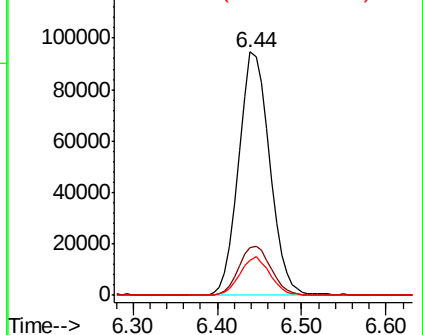
Isopropyl Acetate
 Concen: 54.571 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 234713
 Ion Ratio Lower Upper
 43 100
 61 21.3 17.8 26.6
 87 15.5 13.0 19.4



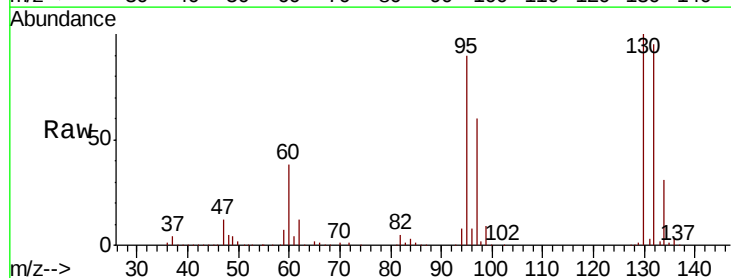
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



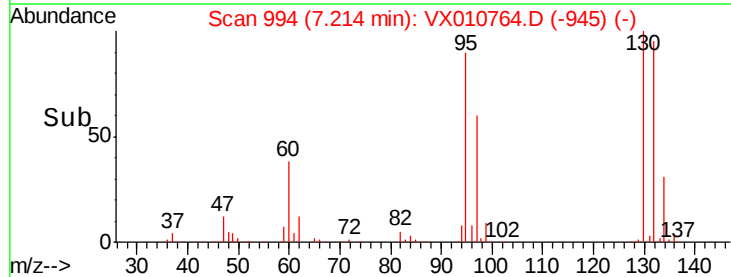
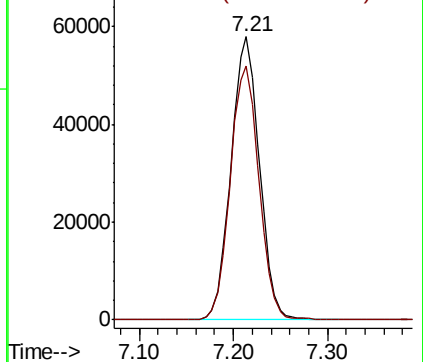
#44

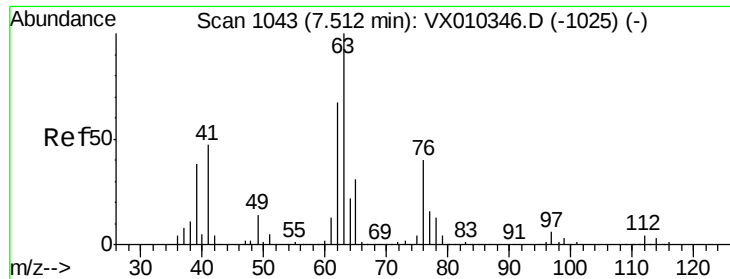
Trichloroethene
 Concen: 51.519 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion:130 Resp: 121365
 Ion Ratio Lower Upper
 130 100
 95 89.8 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 53.241 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

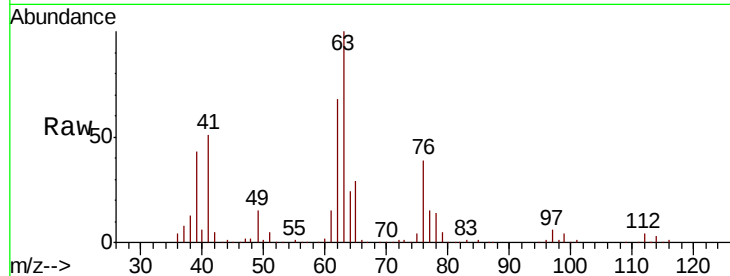
VSTDCCC050EC

Tot Ion: 63 Resp: 105849

Ion Ratio Lower Upper

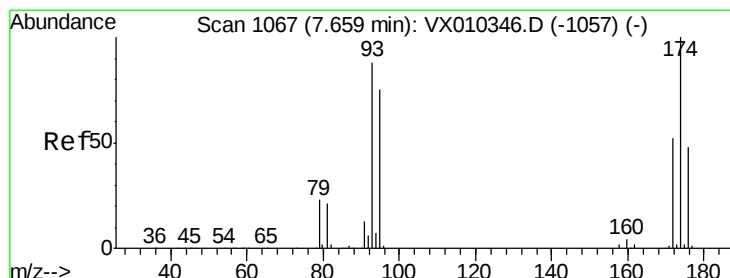
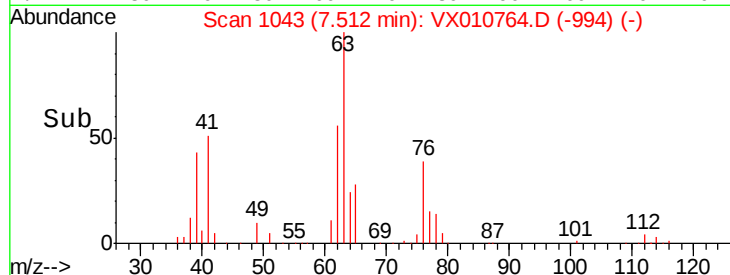
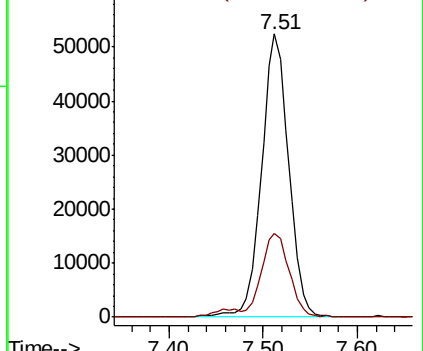
63 100

65 29.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.579 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

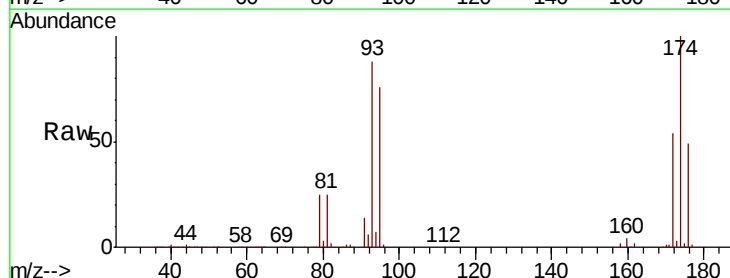
Tgt Ion: 93 Resp: 76425

Ion Ratio Lower Upper

93 100

95 85.8 67.5 101.3

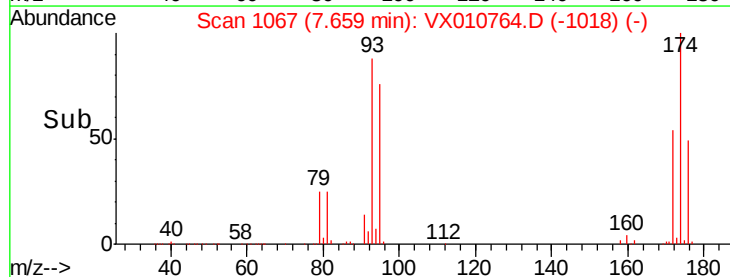
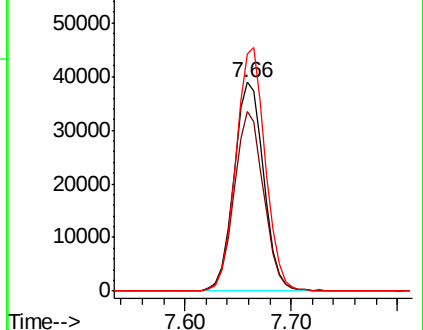
174 114.9 95.8 143.6

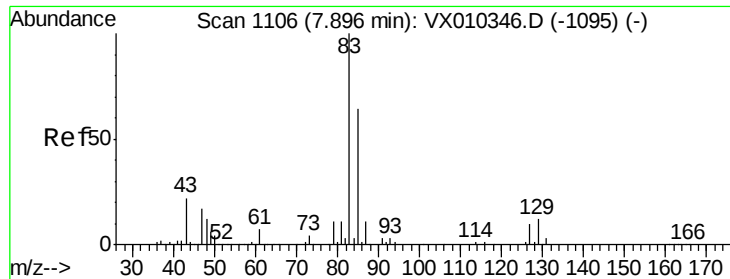


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.740 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

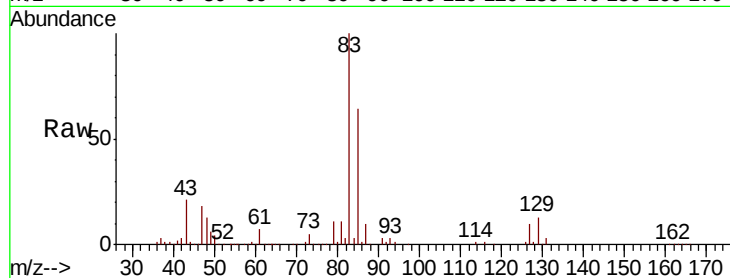
Tot Ion: 83 Resp: 137865

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

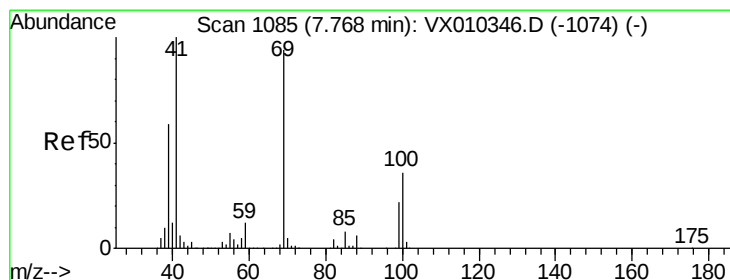
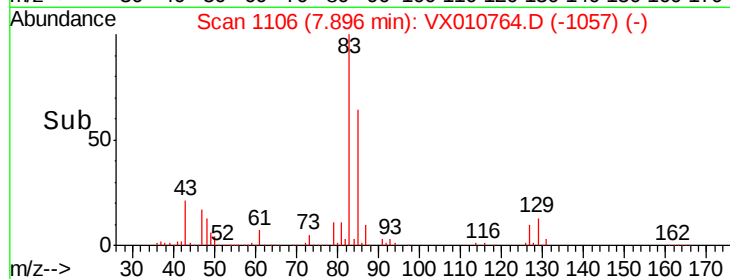
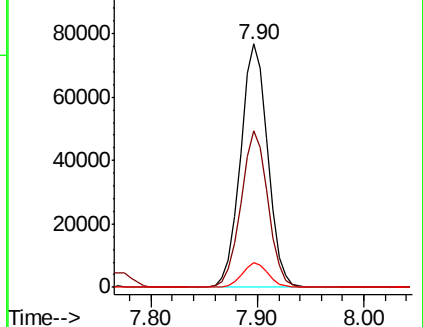
127 10.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.992 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

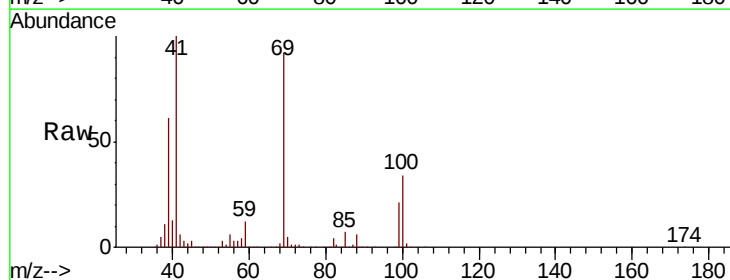
Tgt Ion: 41 Resp: 113939

Ion Ratio Lower Upper

41 100

69 92.3 76.1 114.1

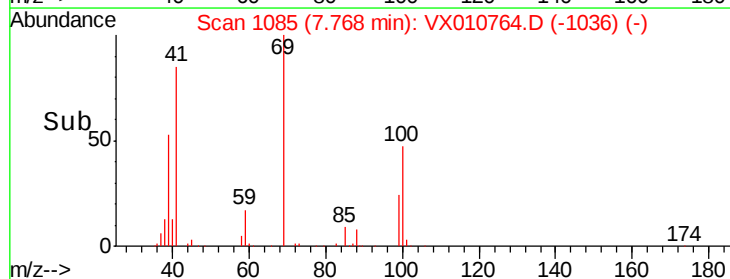
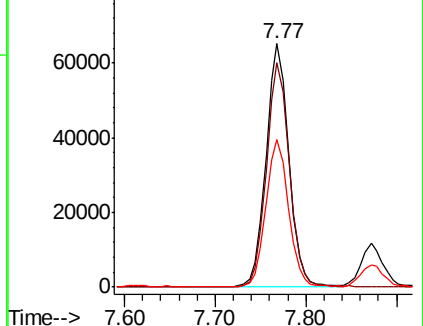
39 60.0 47.6 71.4

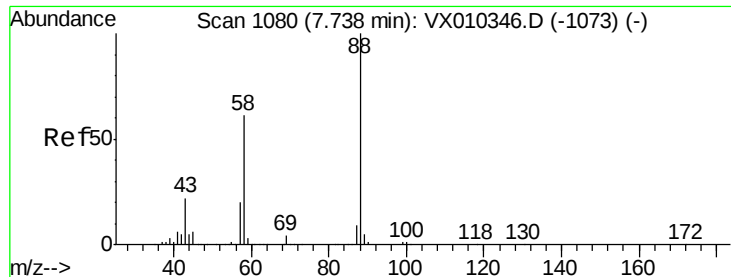


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 989.077 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

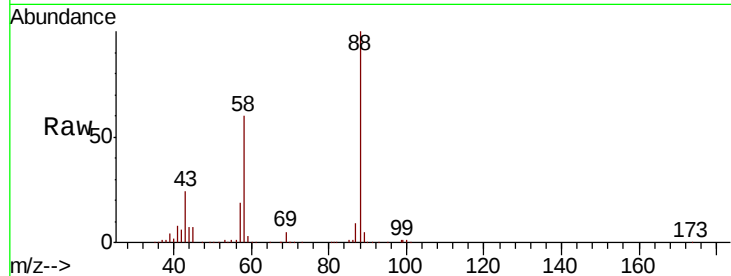
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 56963

Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.2	30.2
58	61.9	49.5	74.3



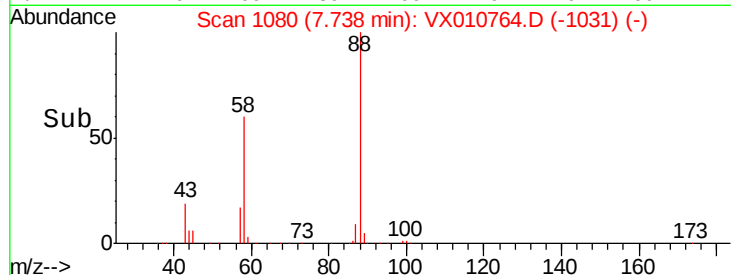
Abundance

Ion 88.00 (87.70 to 88.70): VX0

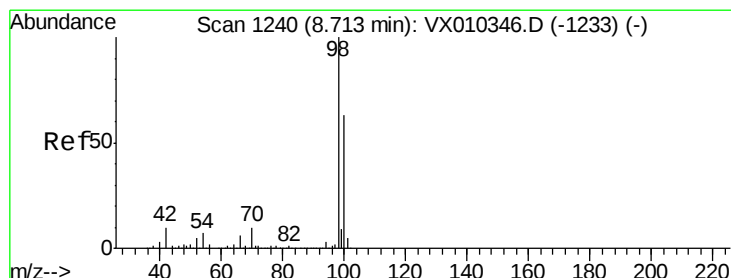
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 48.878 ug/l

RT: 8.71 min Scan# 1240

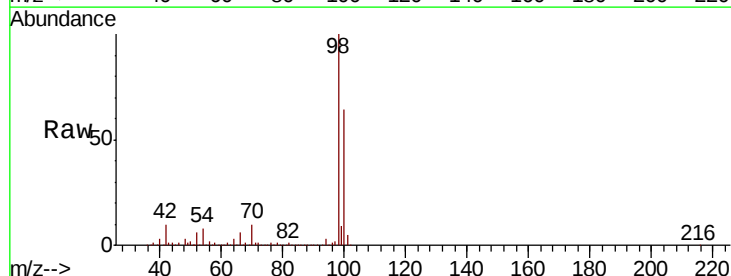
Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Tgt Ion: 98 Resp: 363825

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4

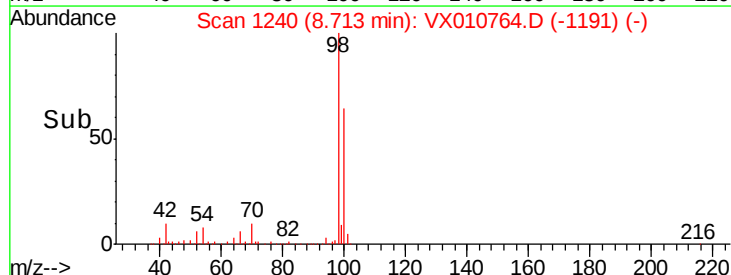


Abundance

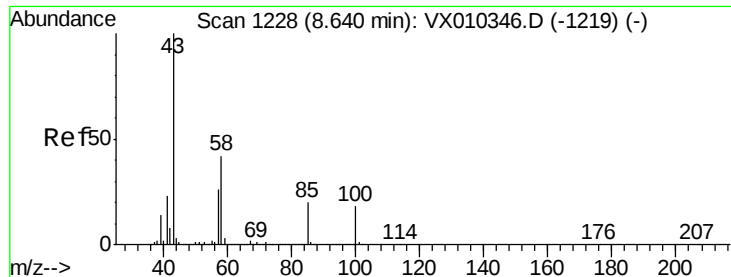
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

Time-->



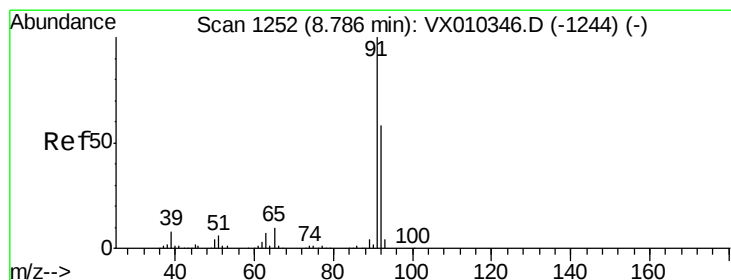
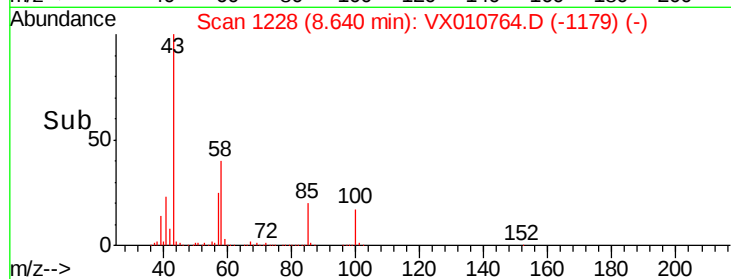
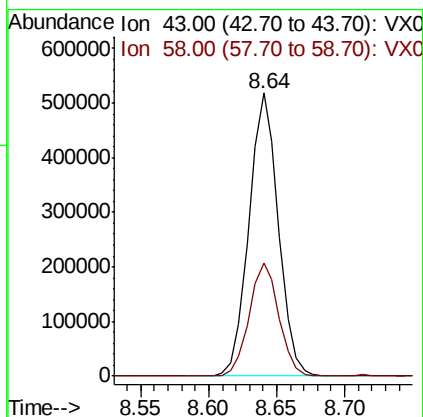
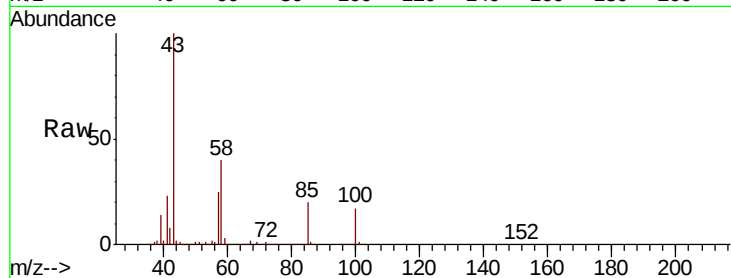
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 284.731 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

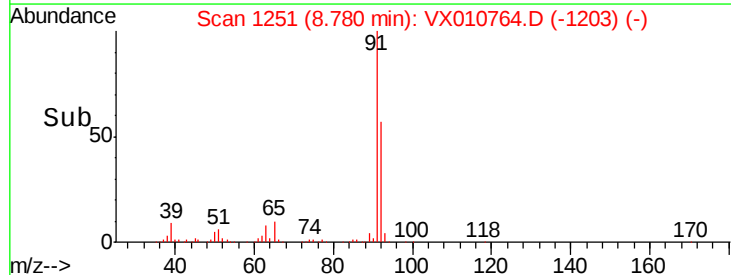
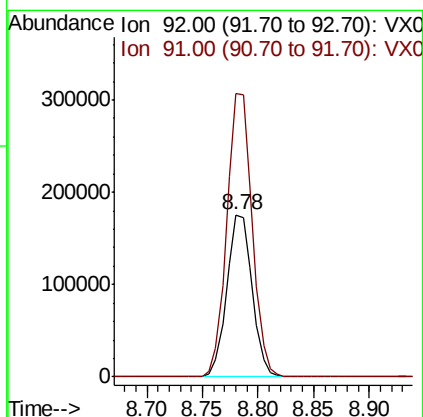
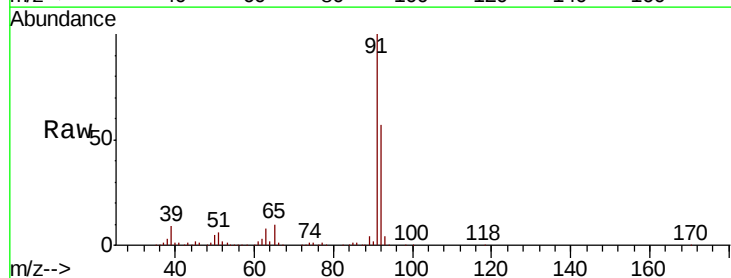
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

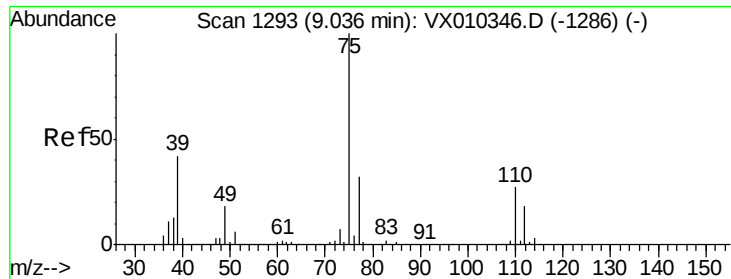
Tot Ion: 43 Resp: 783242
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3



#52
 Toluene
 Concen: 53.149 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion: 92 Resp: 275550
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 50.703 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

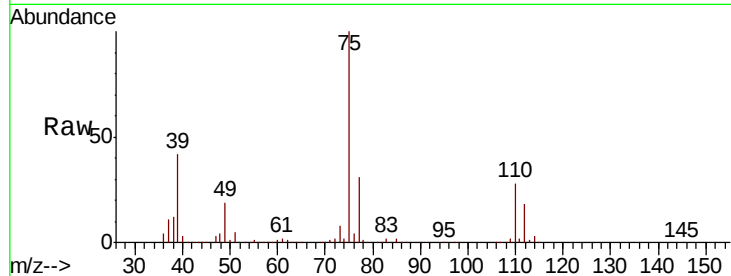
VSTDCCC050EC

Tot Ion: 75 Resp: 148597

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

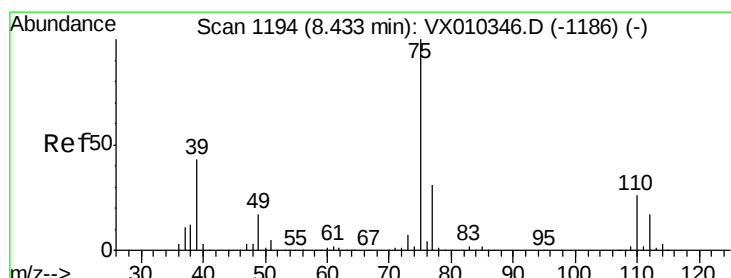
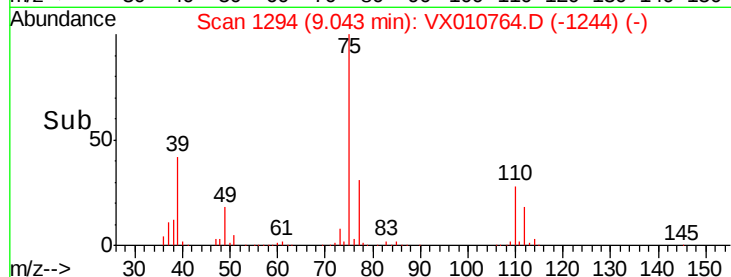
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 52.423 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

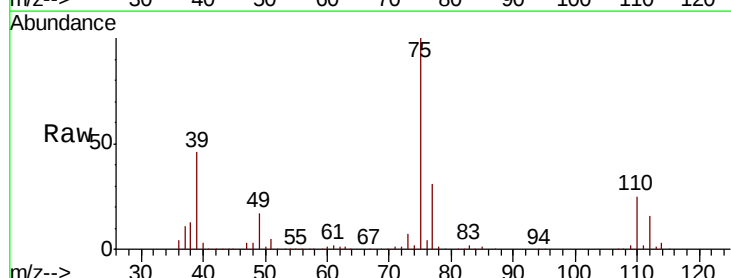
Tgt Ion: 75 Resp: 166962

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 45.8 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

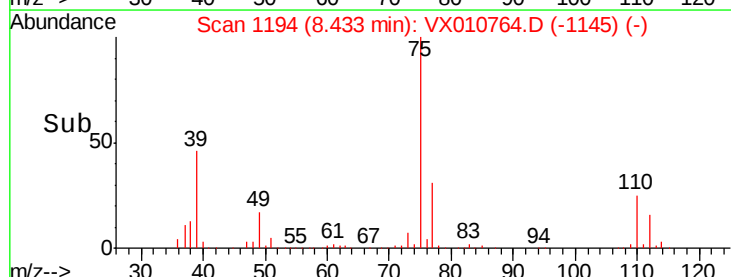
150000

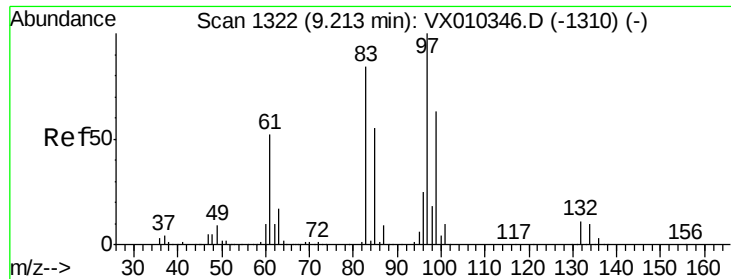
100000

50000

0

Time--> 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 54.103 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 115683

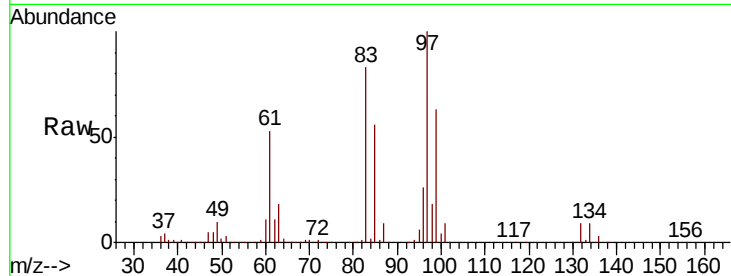
Ion Ratio Lower Upper

97 100

83 83.4 67.4 101.0

85 55.8 43.8 65.8

99 63.2 50.3 75.5

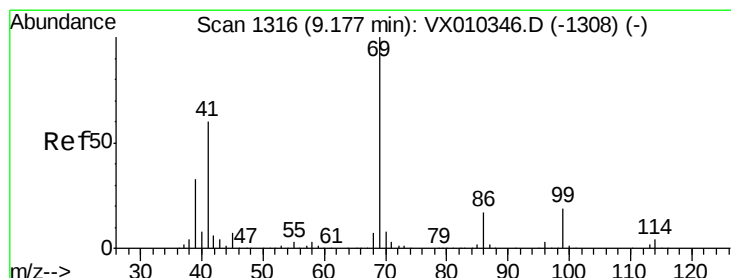
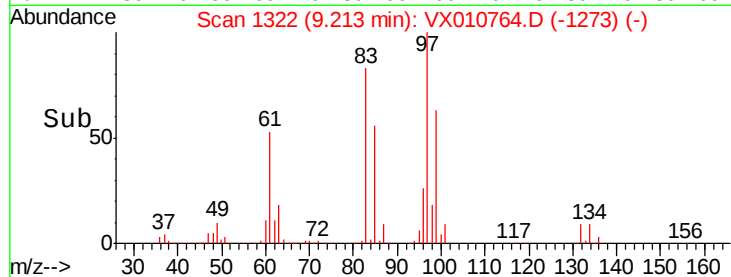
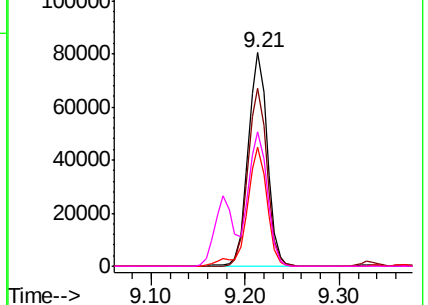


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.243 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

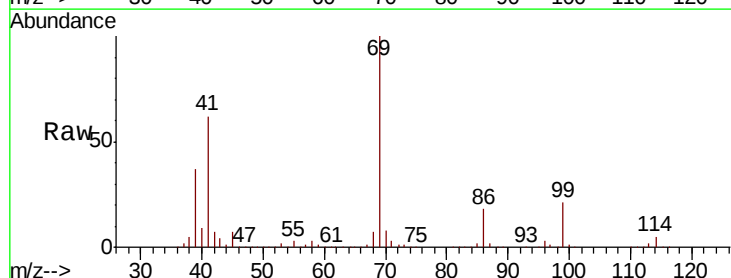
Tgt Ion: 69 Resp: 175696

Ion Ratio Lower Upper

69 100

41 62.0 47.1 70.7

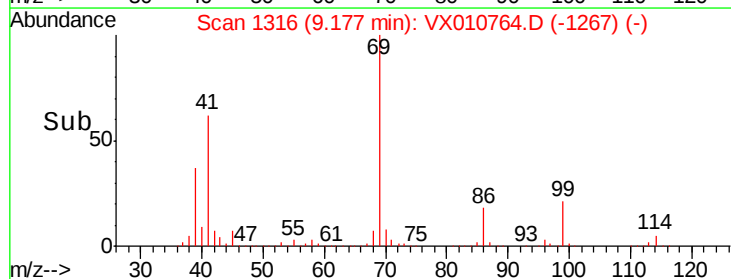
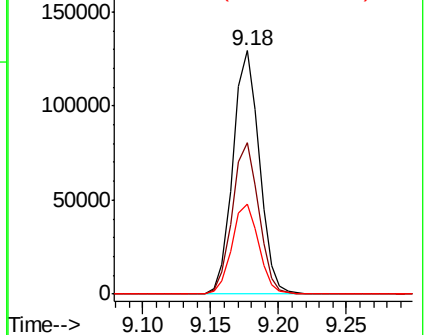
39 37.3 26.6 40.0

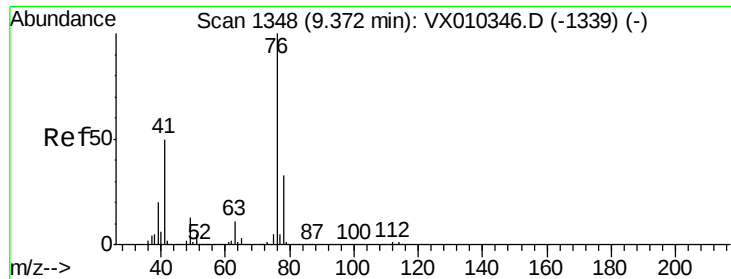


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.325 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

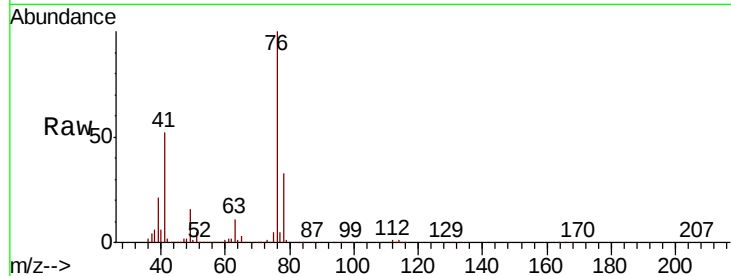
VSTDCCC050EC

Tot Ion: 76 Resp: 180310

Ion Ratio Lower Upper

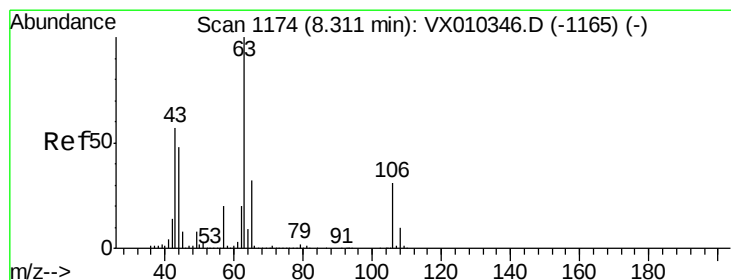
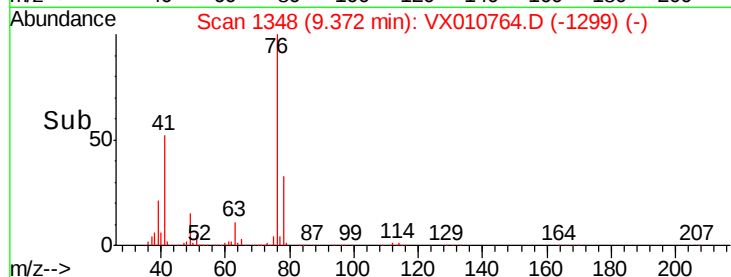
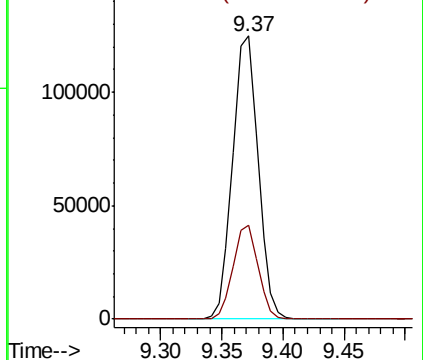
76 100

78 32.5 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: 240.843 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010764.D

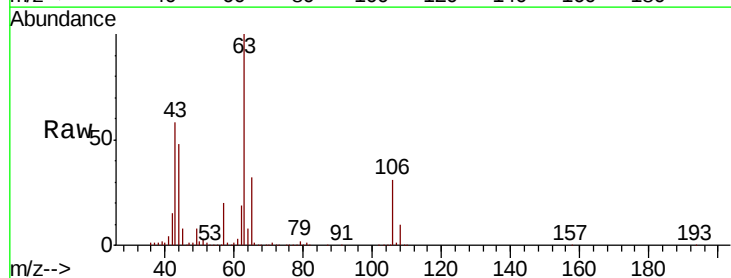
Acq: 09 Jul 2019 20:28

Tgt Ion: 63 Resp: 370496

Ion Ratio Lower Upper

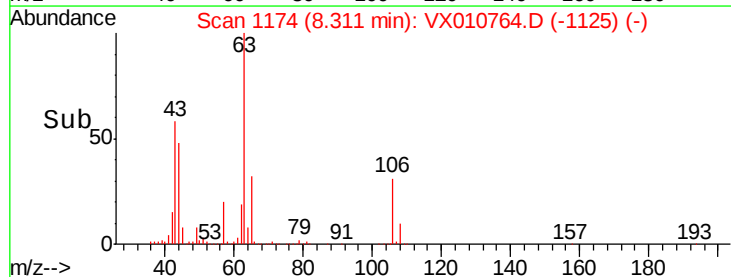
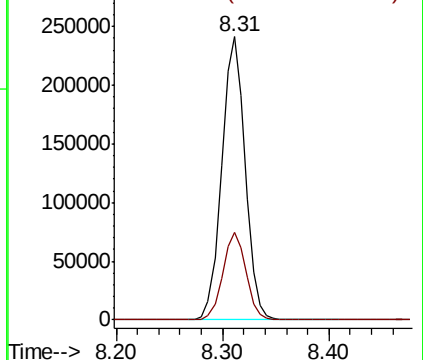
63 100

106 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

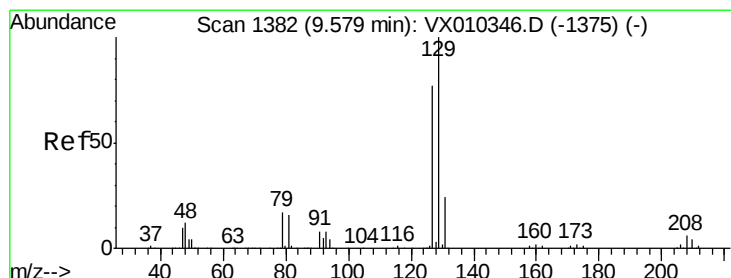
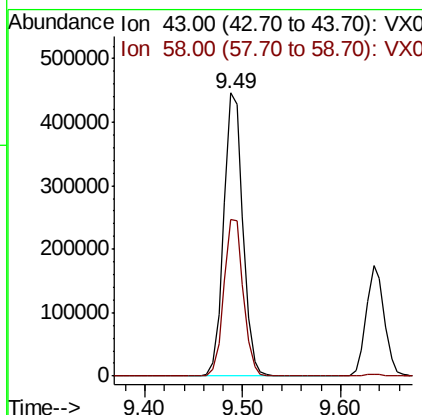
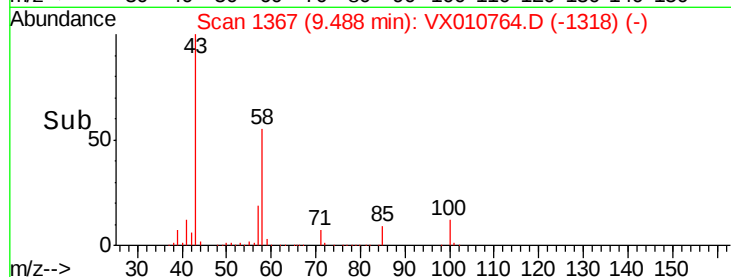
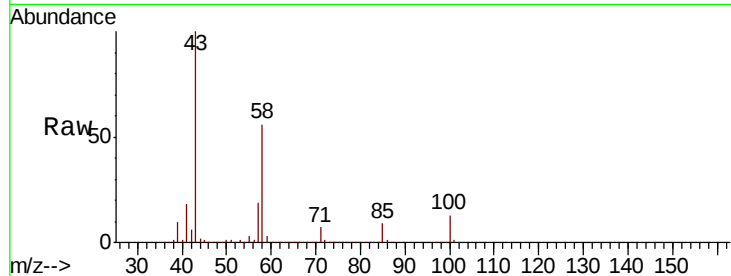




#59
2-Hexanone
Concen: 279.349 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

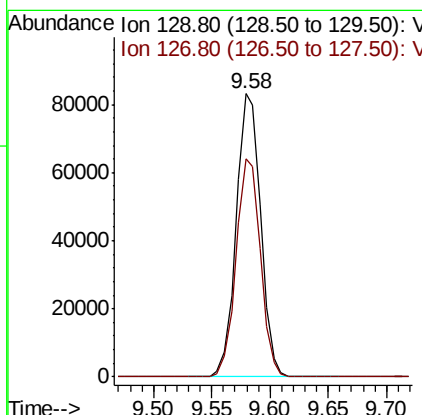
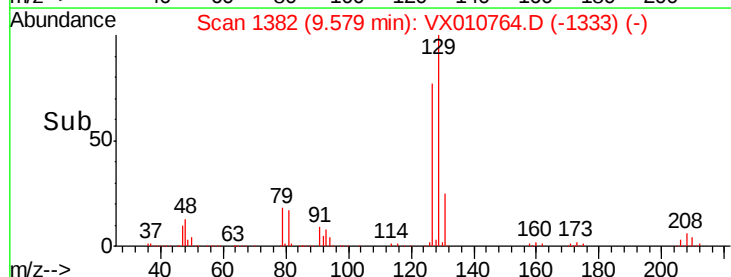
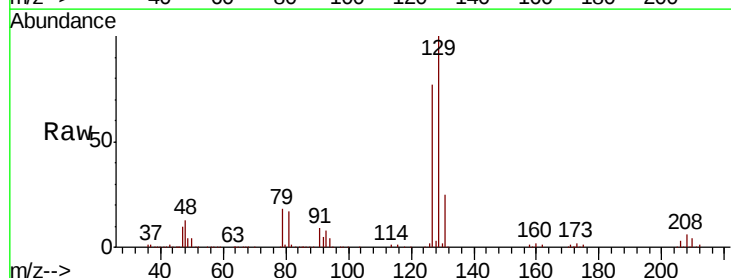
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 604788
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1



#60
Dibromochloromethane
Concen: 50.787 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 129 Resp: 121587
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.233 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

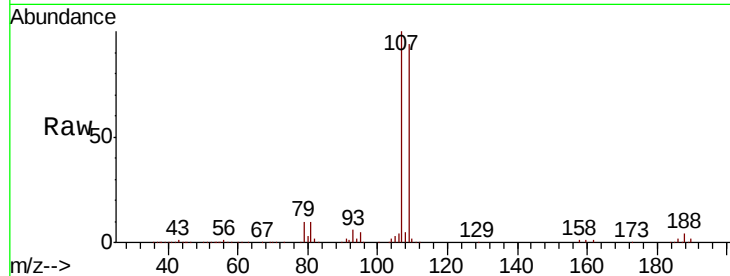
VSTDCCC050EC

Tot Ion:107 Resp: 125167

Ion Ratio Lower Upper

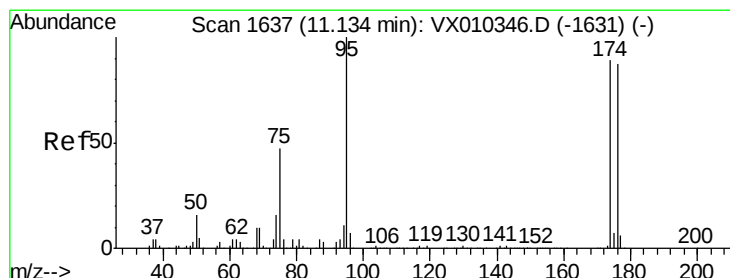
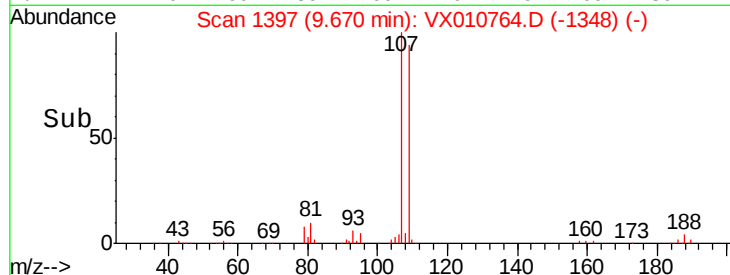
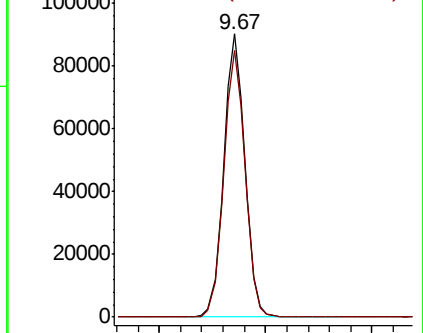
107 100

109 95.1 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: 51.965 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

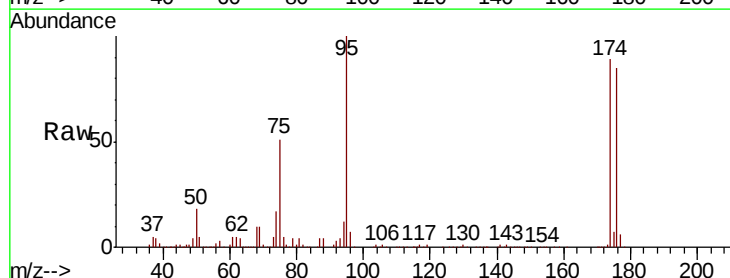
Tgt Ion: 95 Resp: 139647

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

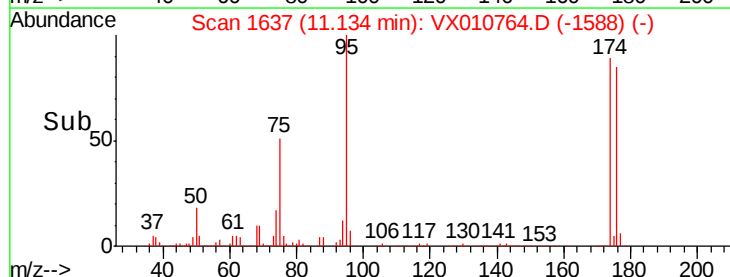
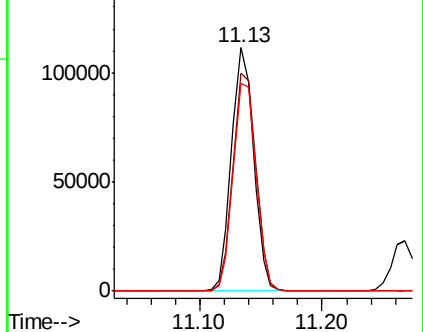
176 88.9 0.0 184.0

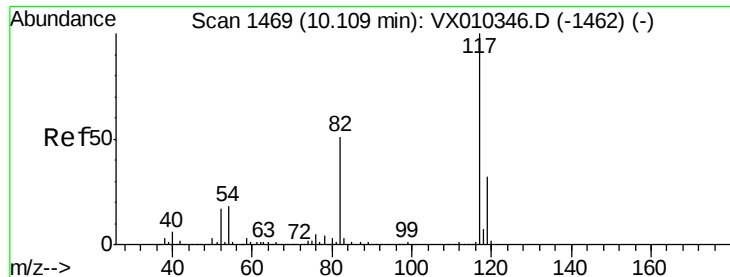


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

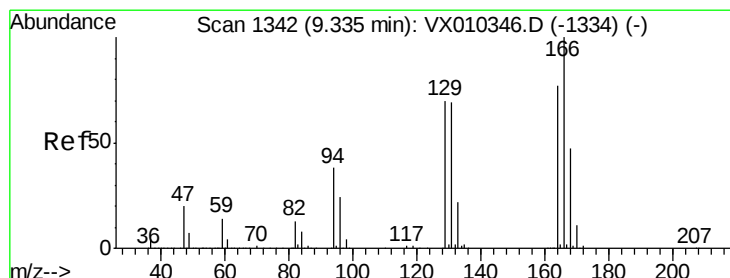
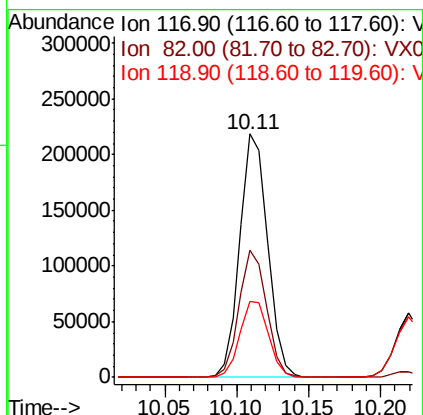
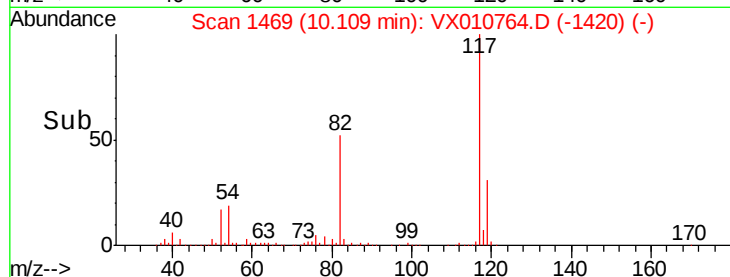
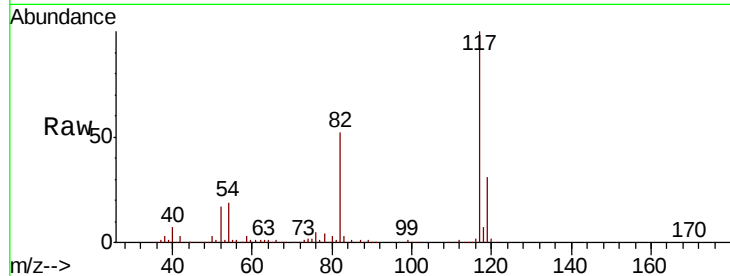




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

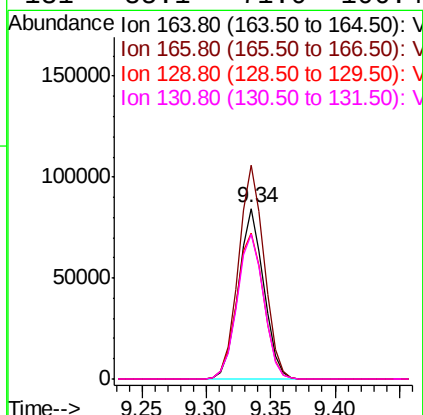
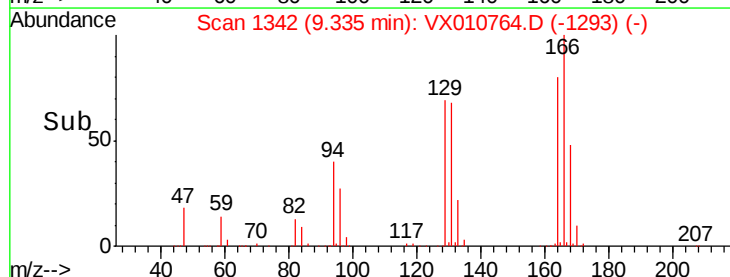
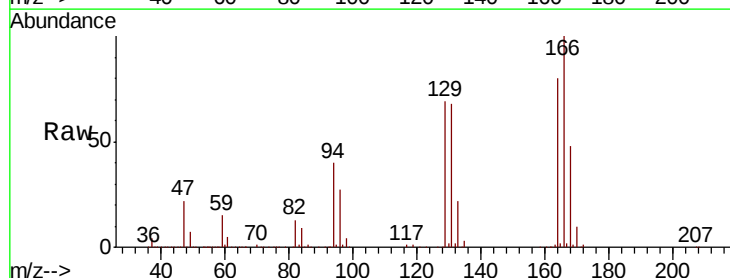
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

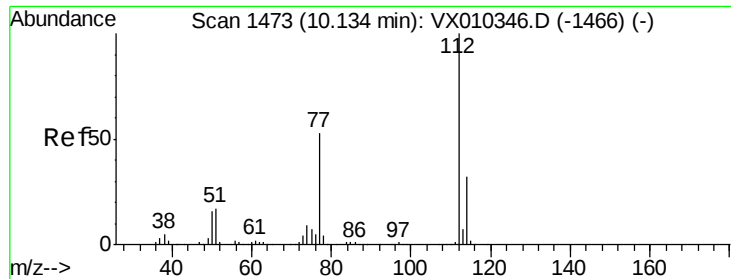
Tot Ion:117 Resp: 293980
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 48.321 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion:164 Resp: 114897
Ion Ratio Lower Upper
164 100
166 125.2 103.6 155.4
129 85.8 73.0 109.4
131 85.1 71.0 106.4

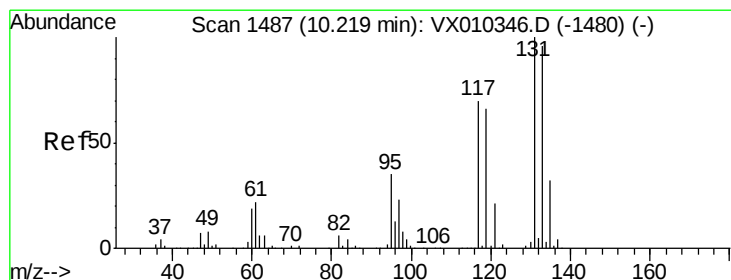
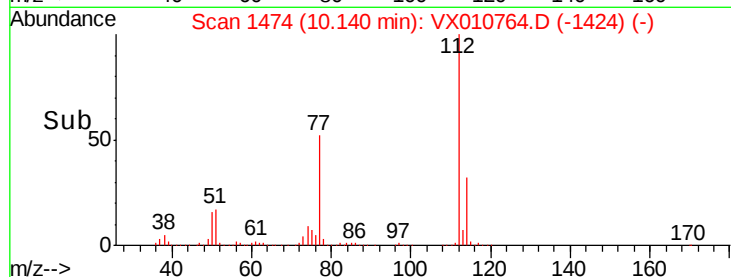
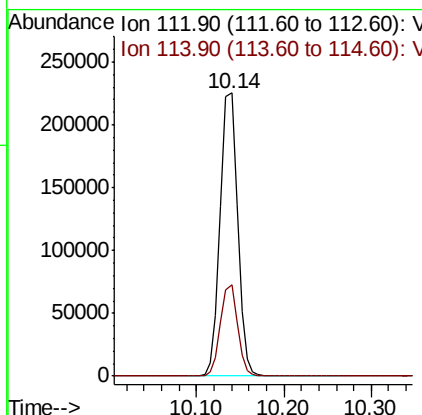
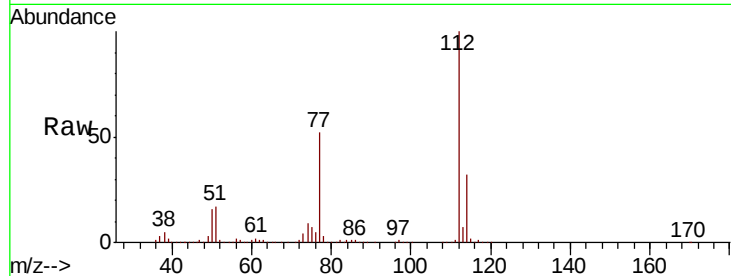




#65
Chlorobenzene
Concen: 52.211 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

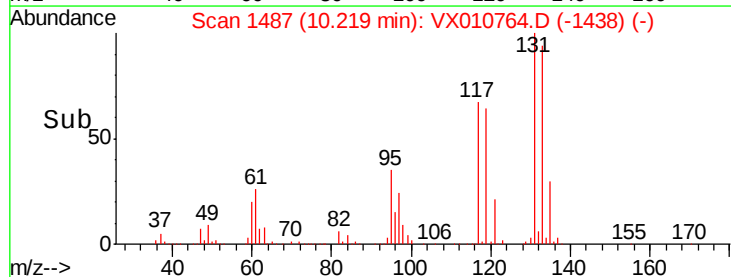
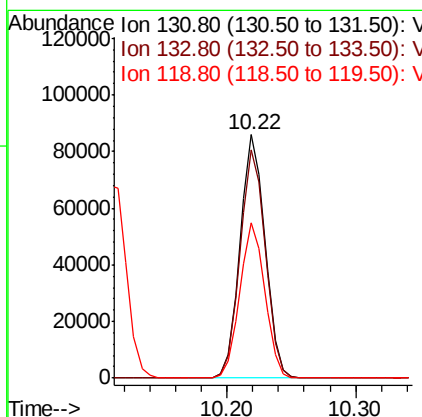
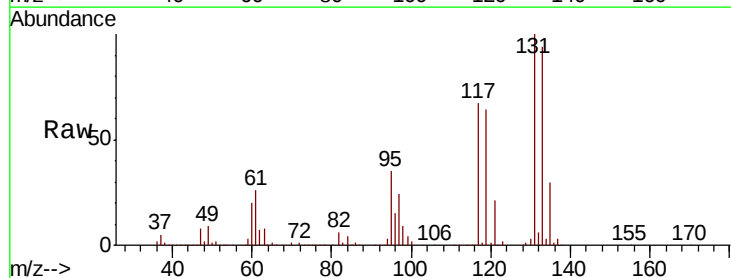
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

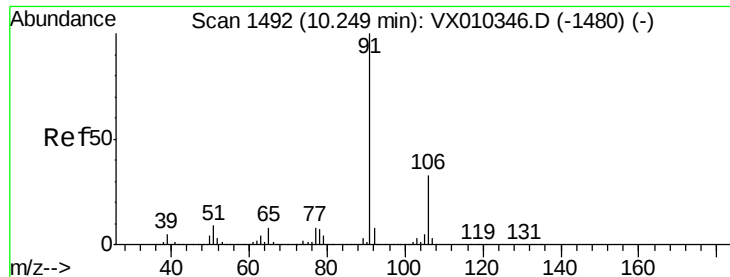
Tot Ion:112 Resp: 311612
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.136 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion:131 Resp: 115518
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 64.0 32.6 97.7

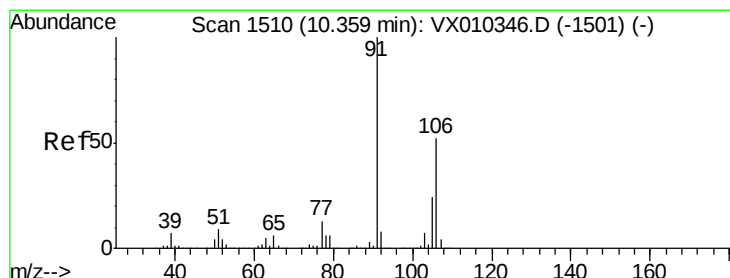
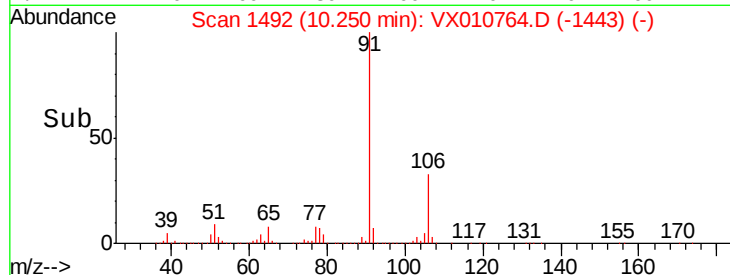
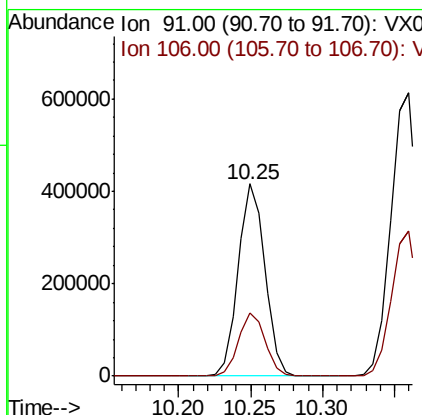
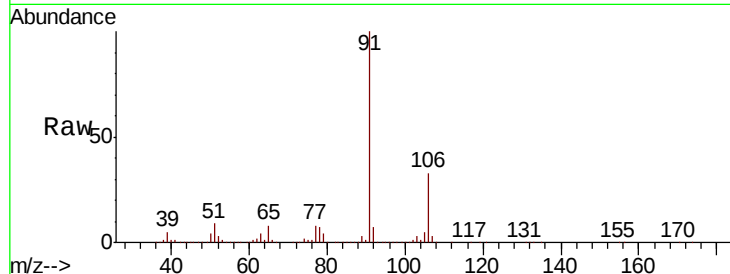




#67
Ethyl Benzene
Concen: 53.543 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

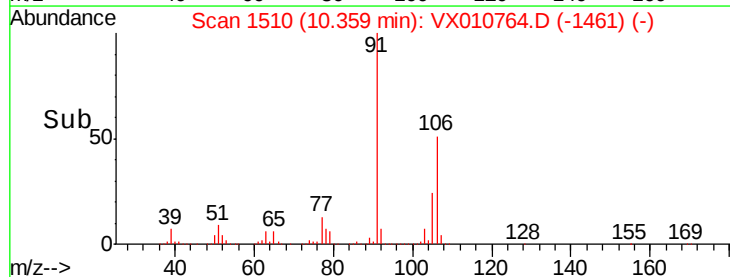
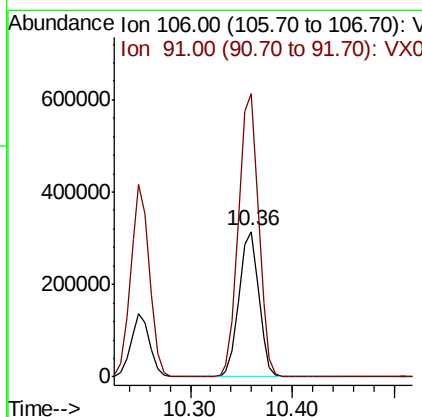
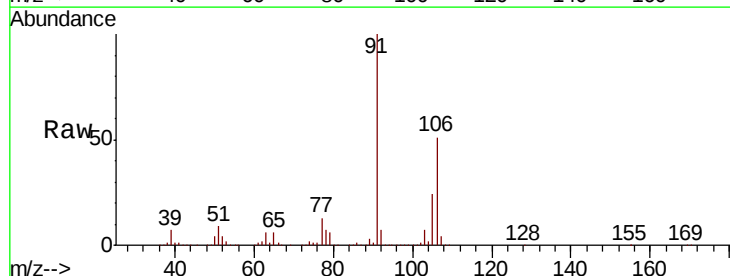
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

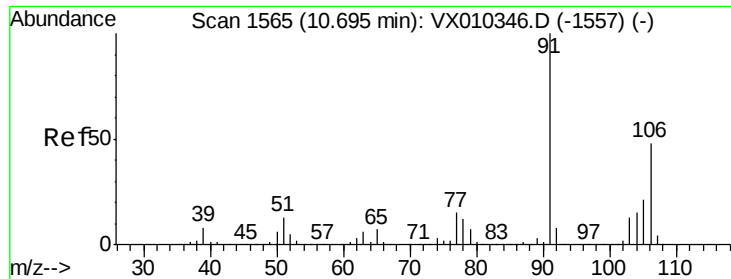
Tot Ion: 91 Resp: 539495
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 107.696 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 106 Resp: 420464
Ion Ratio Lower Upper
106 100
91 197.4 155.3 232.9

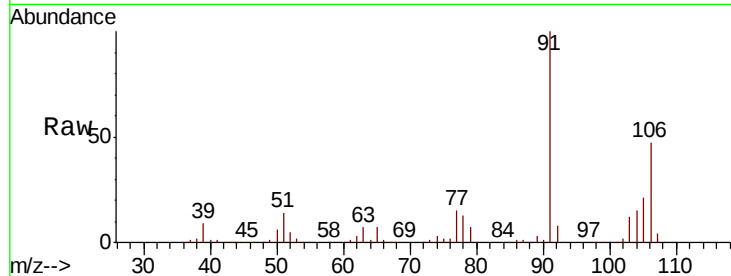




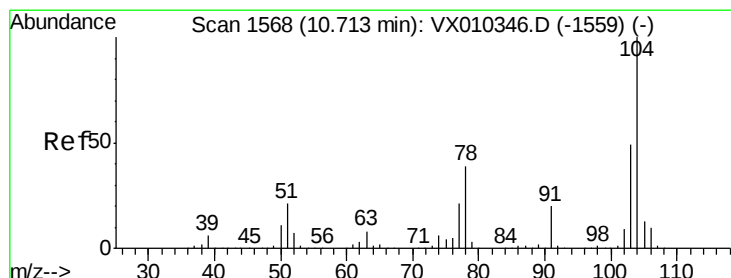
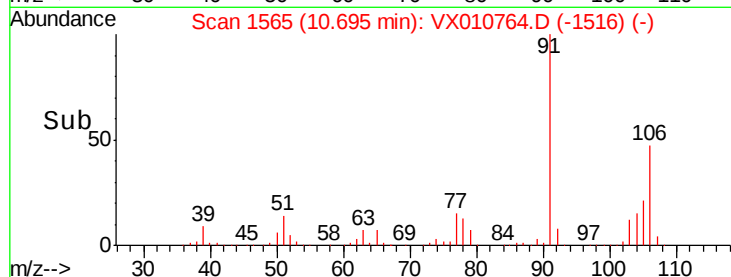
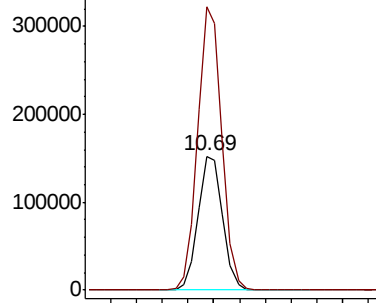
#69
o-Xylene
Concen: 53.180 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204180
Ion Ratio Lower Upper
106 100
91 208.2 102.7 308.1

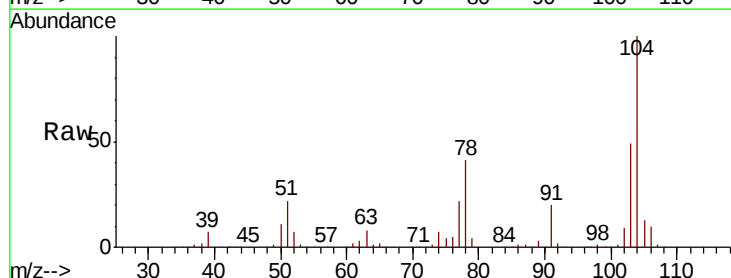


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

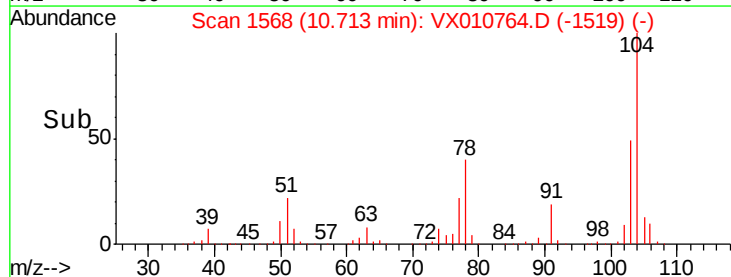
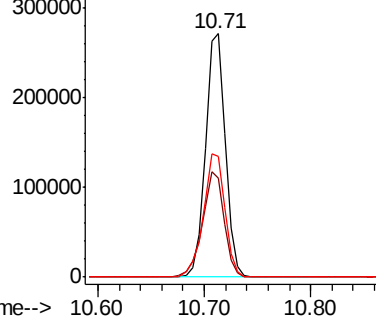


#70
Styrene
Concen: 54.951 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion:104 Resp: 353816
Ion Ratio Lower Upper
104 100
78 47.1 36.2 54.2
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 48.865 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

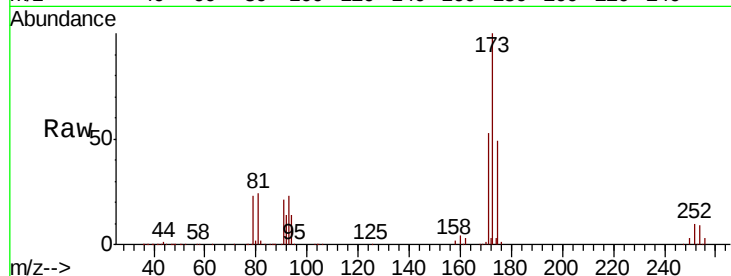
Tot Ion:173 Resp: 92381

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.3

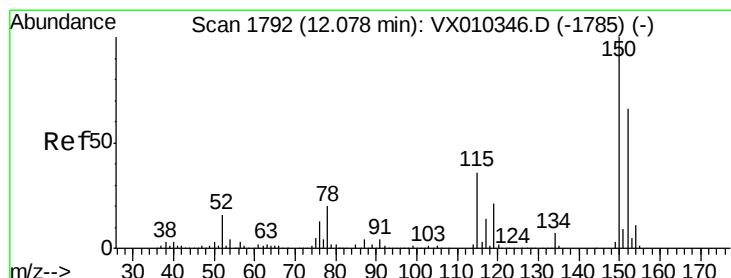
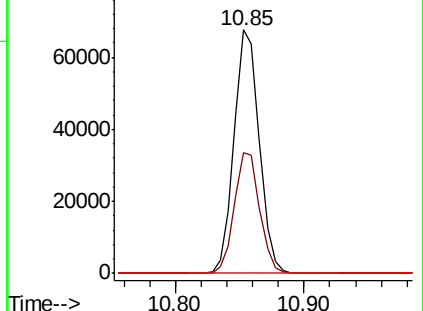
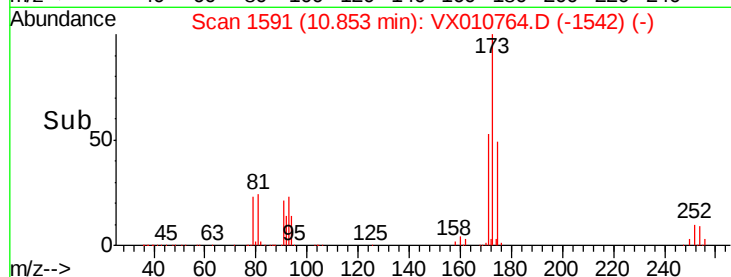
254 0.1 0.2 0.2#



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: VX010764.D

Acq: 09 Jul 2019 20:28

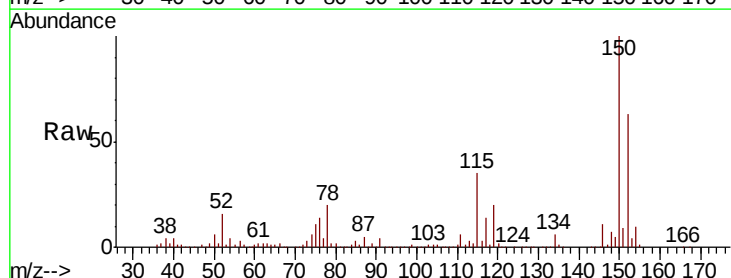
Tgt Ion:152 Resp: 159341

Ion Ratio Lower Upper

152 100

115 79.1 38.6 115.7

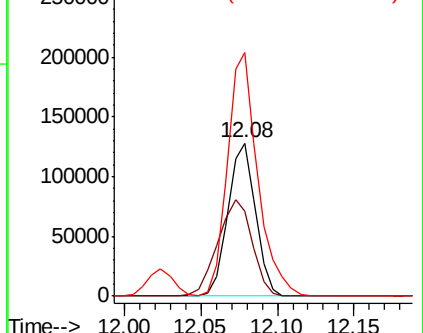
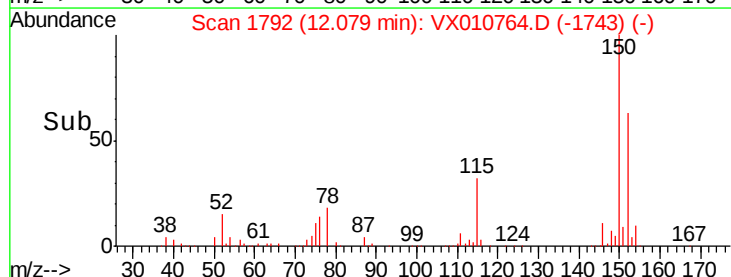
150 174.2 0.0 347.4

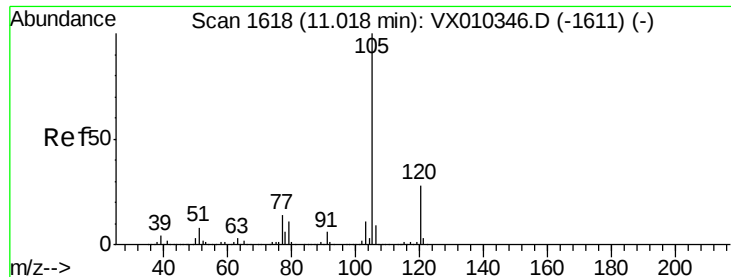


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.736 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

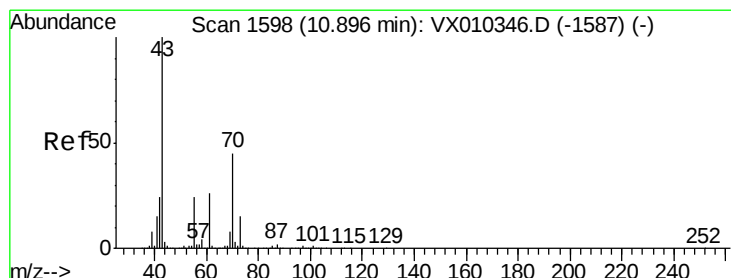
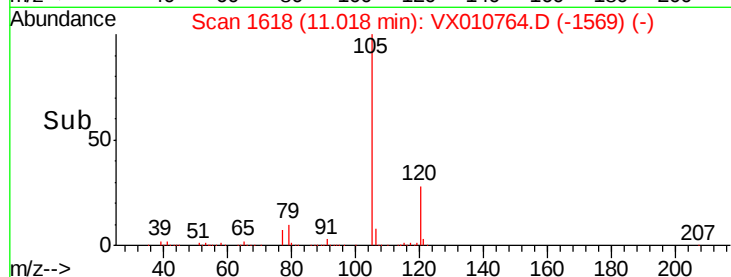
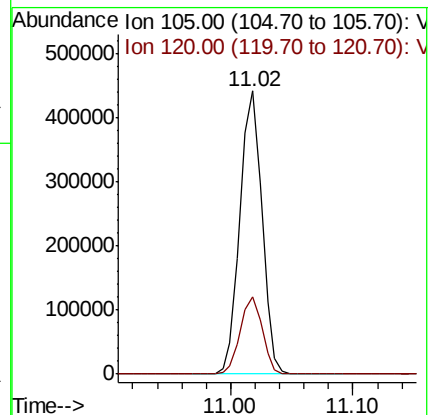
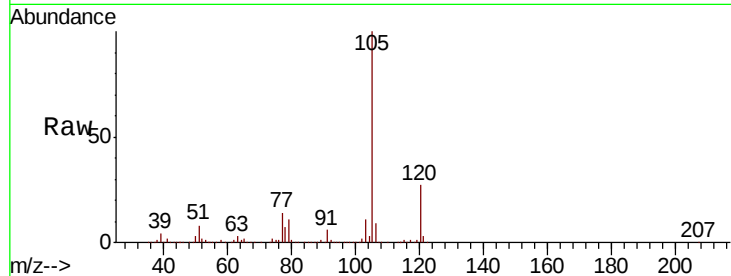
VSTDCCC050EC

Tot Ion:105 Resp: 548021

Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



#74

N-ethyl acetate

Concen: 55.506 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Tgt Ion: 43 Resp: 226581

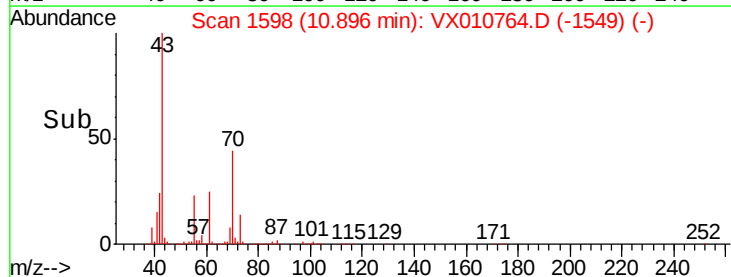
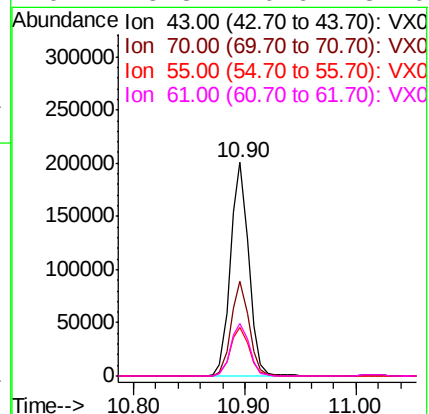
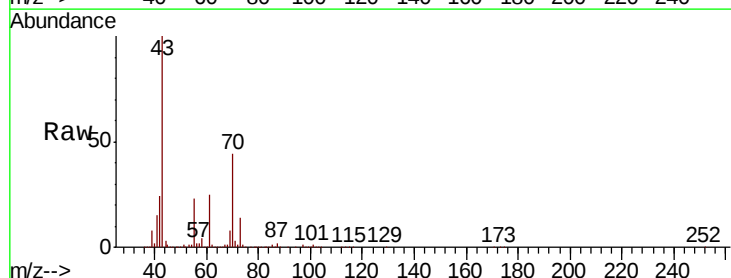
Ion Ratio Lower Upper

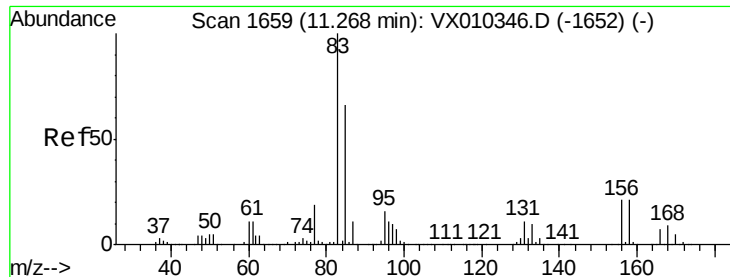
43 100

70 43.8 36.6 54.8

55 23.6 18.7 28.1

61 25.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.248 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

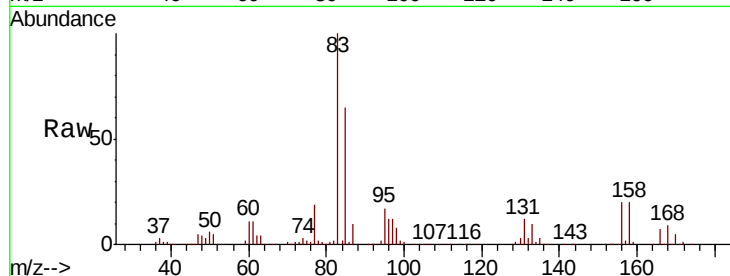
Tot Ion: 83 Resp: 183322

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

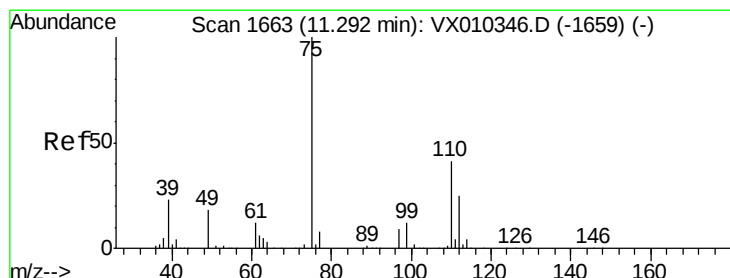
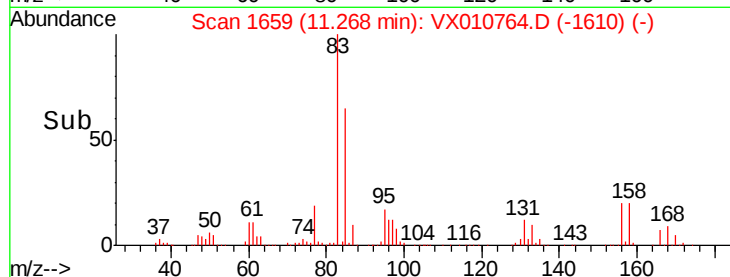
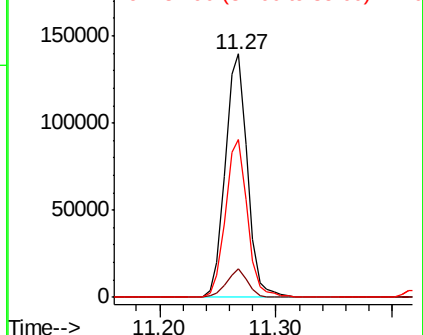
85 64.4 32.3 96.8



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: 68.474 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010764.D

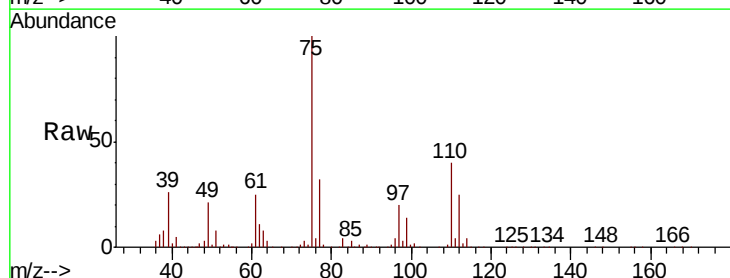
Acq: 09 Jul 2019 20:28

Tgt Ion: 75 Resp: 198823

Ion Ratio Lower Upper

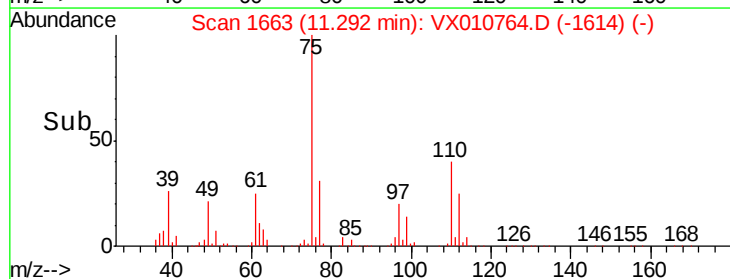
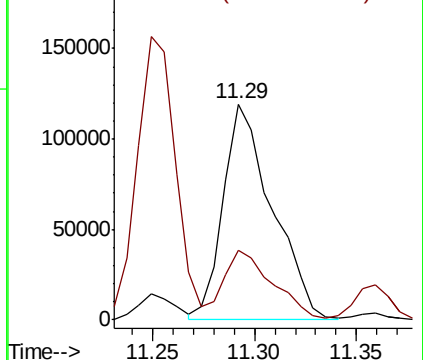
75 100

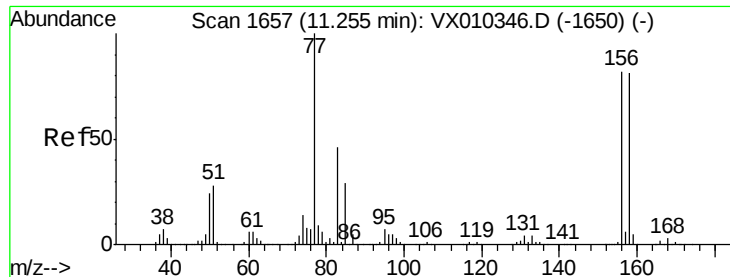
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.513 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

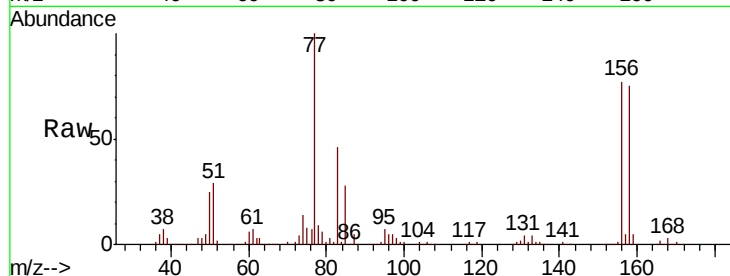
Tot Ion:156 Resp: 149334

Ion Ratio Lower Upper

156 100

77 136.6 66.3 198.7

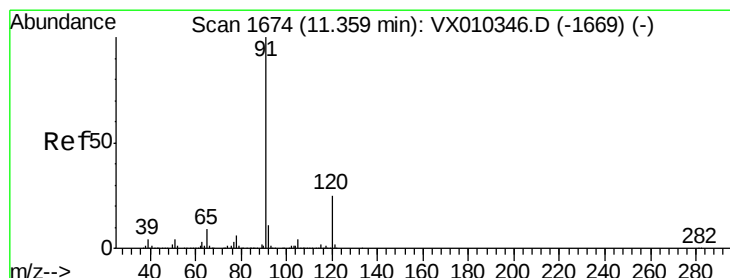
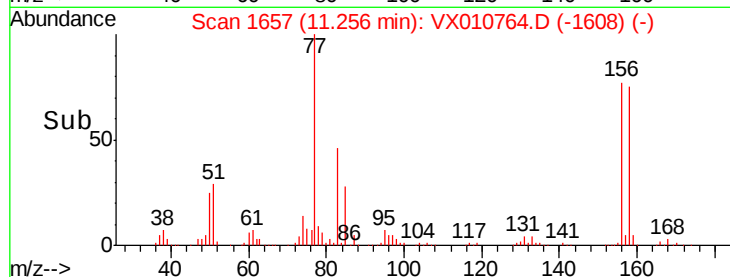
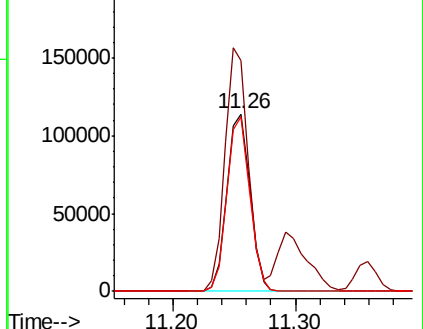
158 97.2 48.9 146.7



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: 52.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010764.D

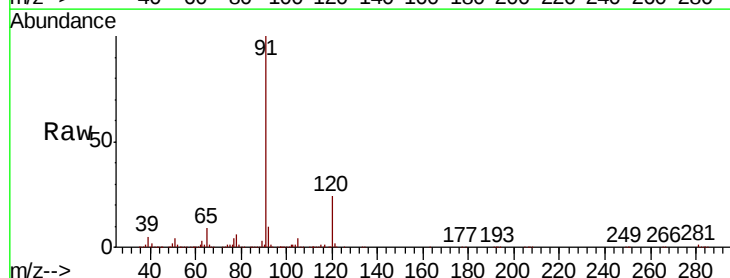
Acq: 09 Jul 2019 20:28

Tgt Ion: 91 Resp: 618691

Ion Ratio Lower Upper

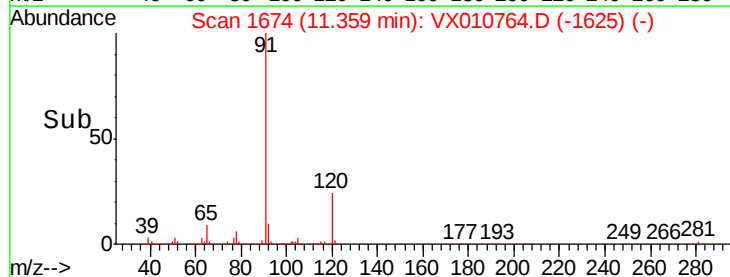
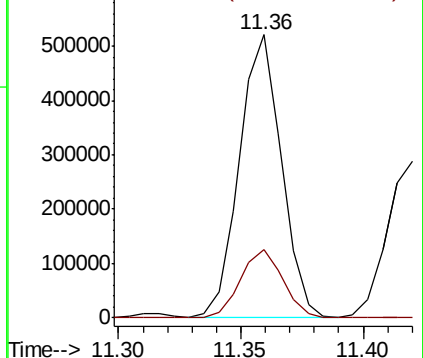
91 100

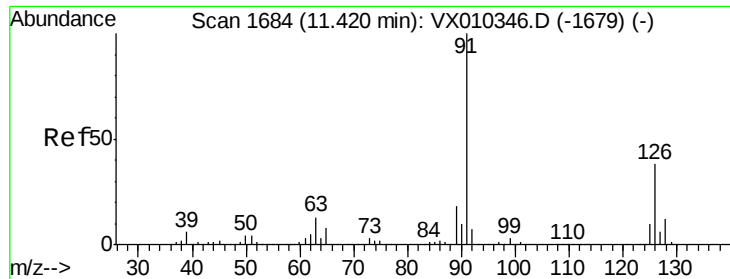
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

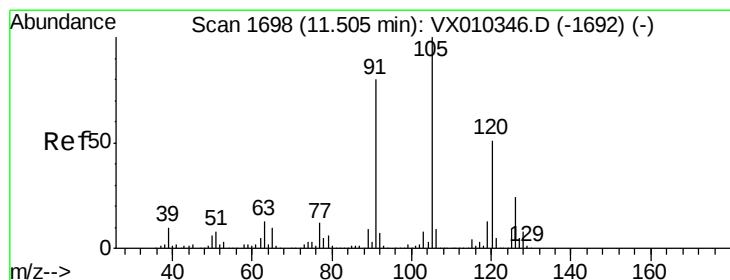
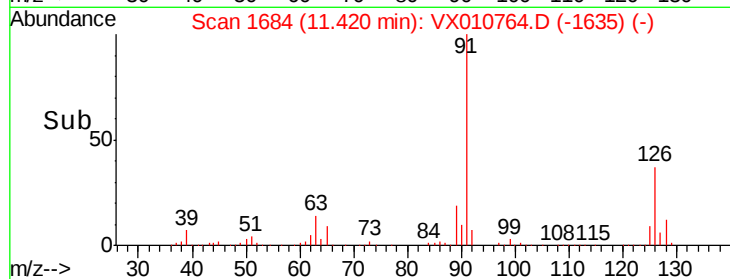
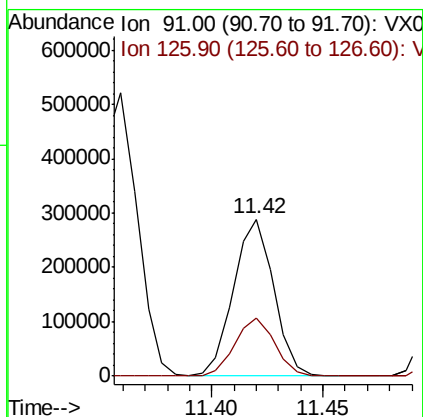
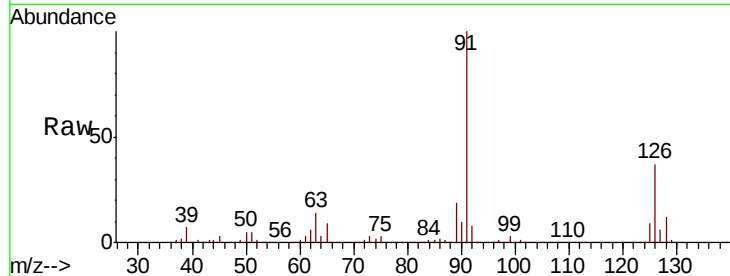




#79
2-Chlorotoluene
Concen: 51.011 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

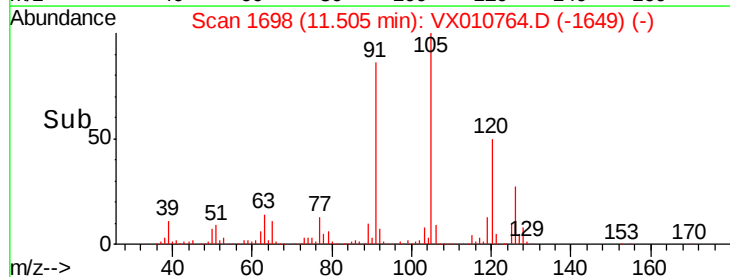
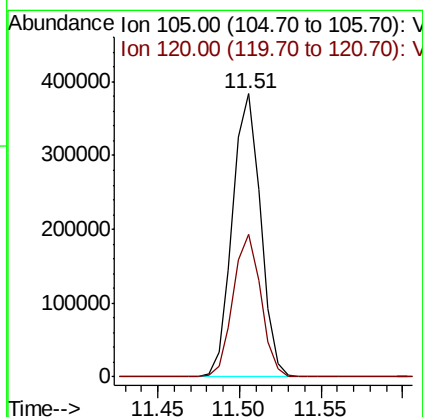
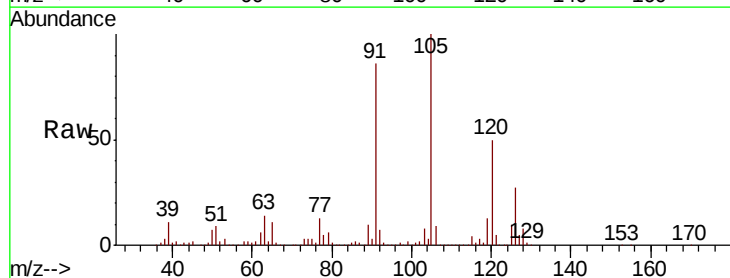
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 360596
Ion Ratio Lower Upper
91 100
126 36.9 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 51.715 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 105 Resp: 460493
Ion Ratio Lower Upper
105 100
120 50.0 25.2 75.6

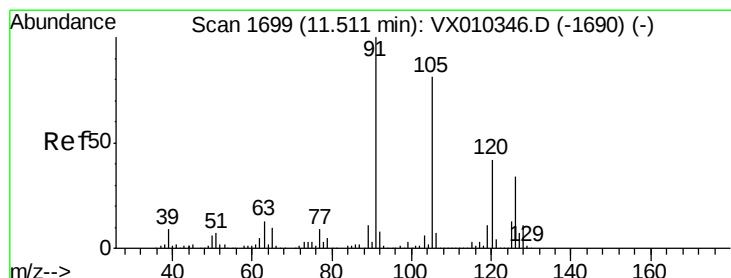
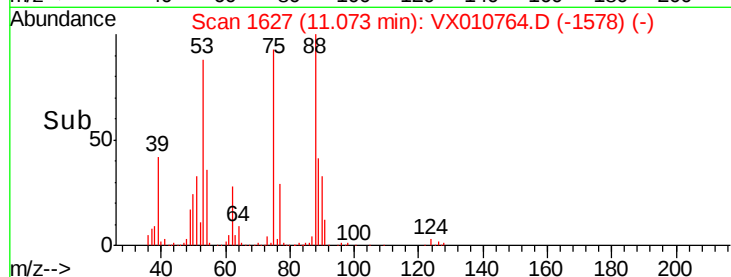
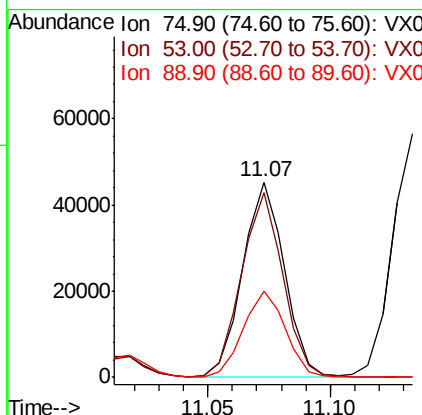
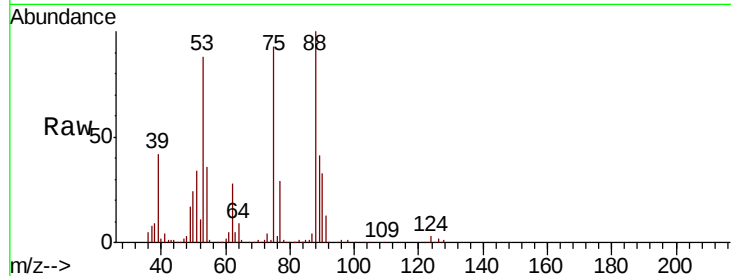




#81
trans-1,4-Dichloro-2-butene
Concen: 43.099 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

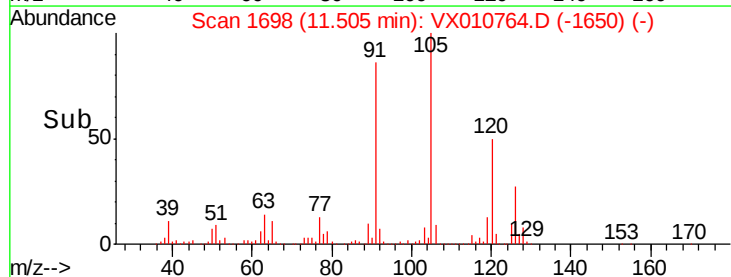
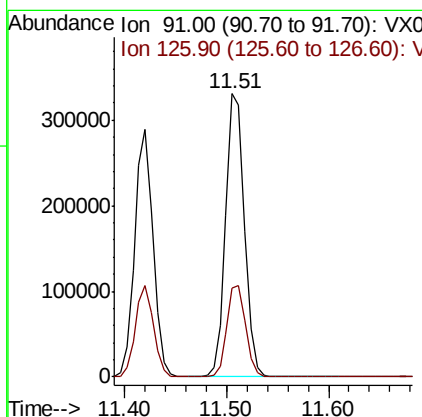
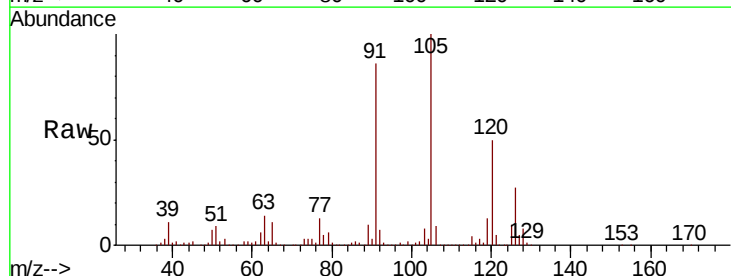
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 53643
Ion Ratio Lower Upper
75 100
53 93.6 66.1 99.1
89 44.9 37.8 56.6



#82
4-Chlorotoluene
Concen: 52.365 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 91 Resp: 421208
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

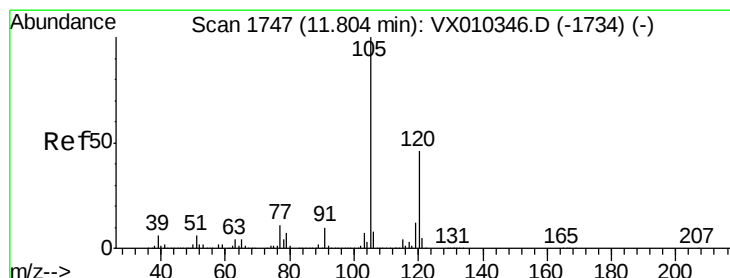
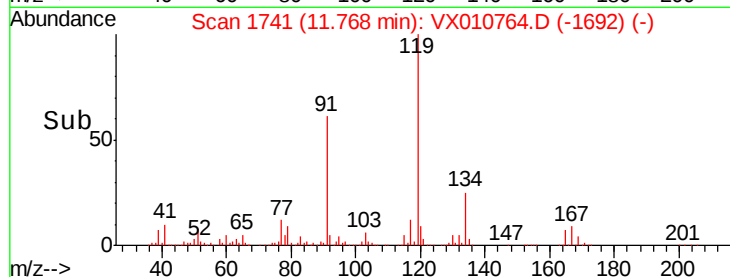
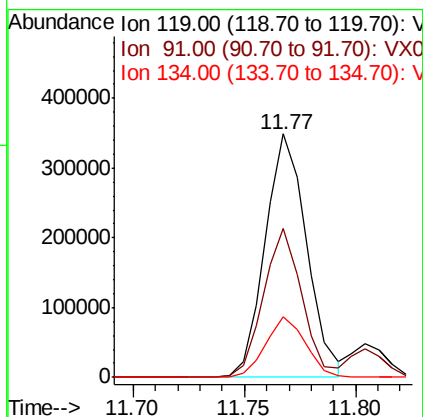
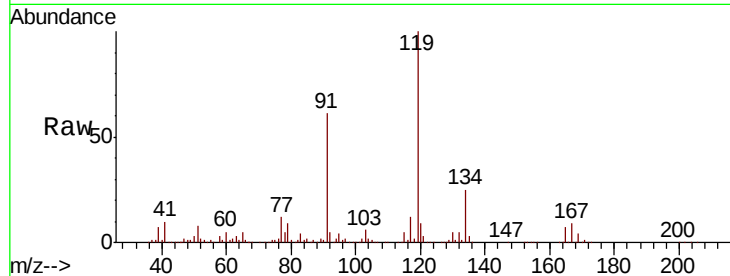




#83
tert-Butylbenzene
Concen: 50.625 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

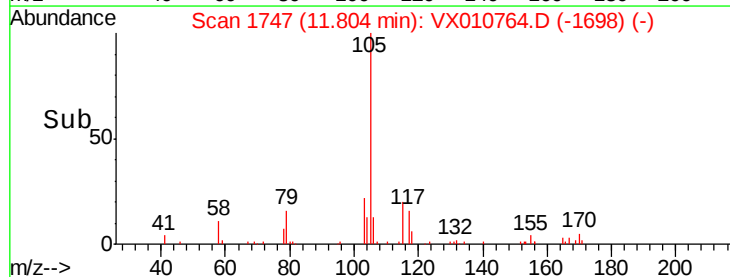
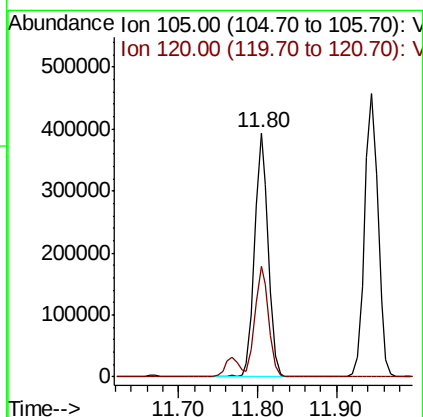
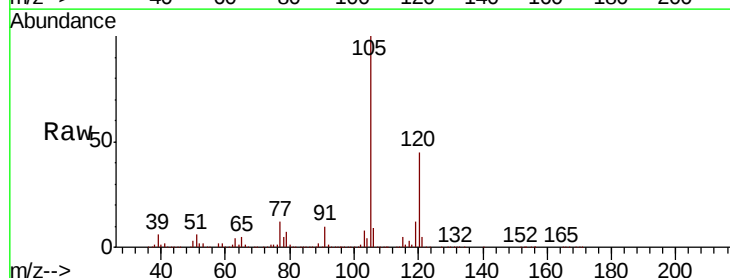
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

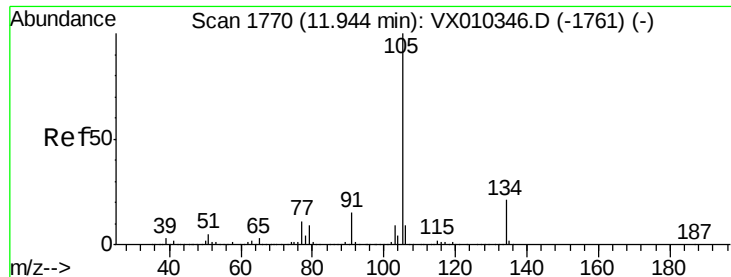
Tot Ion:119 Resp: 452450
Ion Ratio Lower Upper
119 100
91 56.7 27.6 82.7
134 23.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 52.847 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion:105 Resp: 472776
Ion Ratio Lower Upper
105 100
120 44.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.366 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

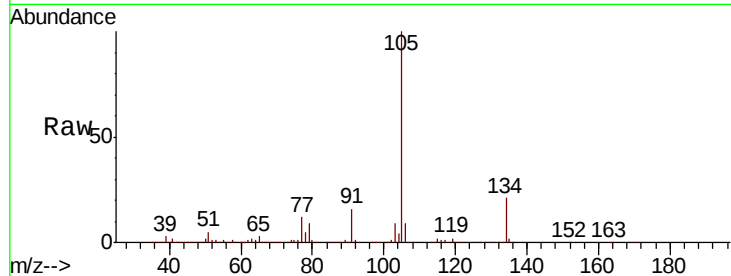
VSTDCCC050EC

Tot Ion:105 Resp: 539014

Ion Ratio Lower Upper

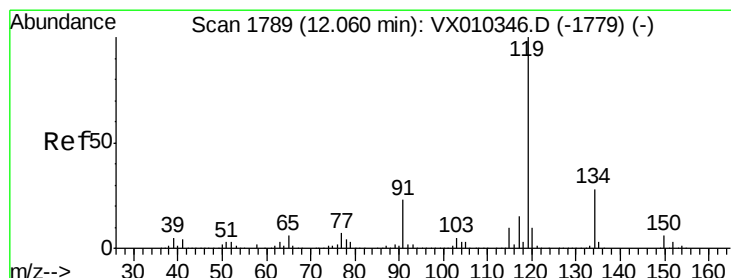
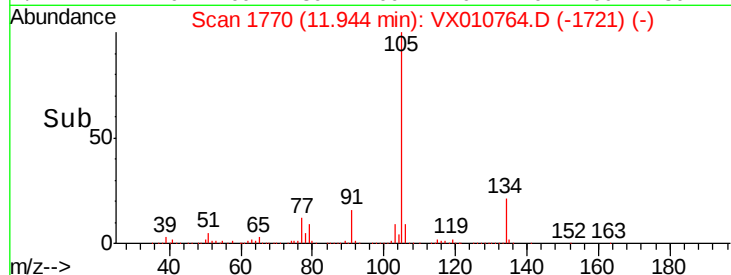
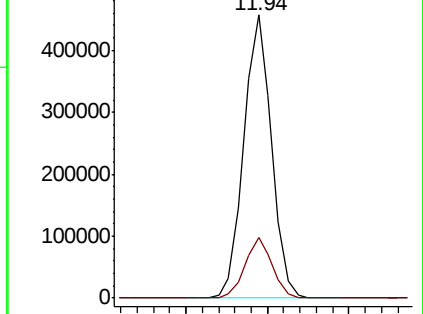
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.361 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

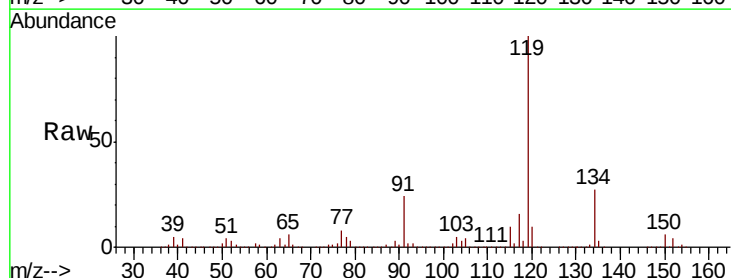
Tgt Ion:119 Resp: 498523

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

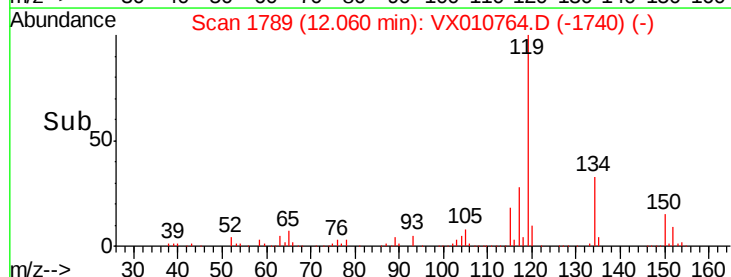
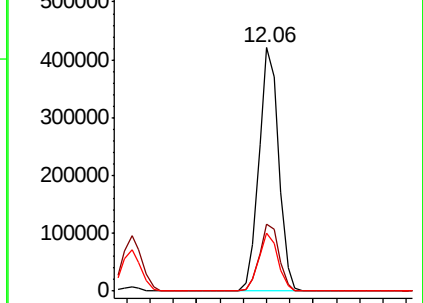
91 23.3 11.3 33.8

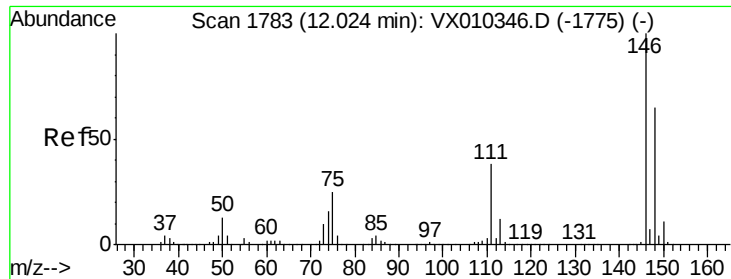


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.166 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

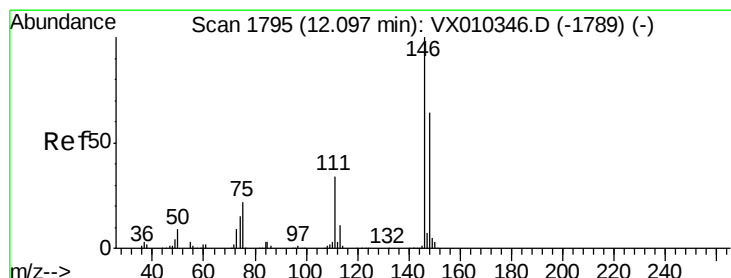
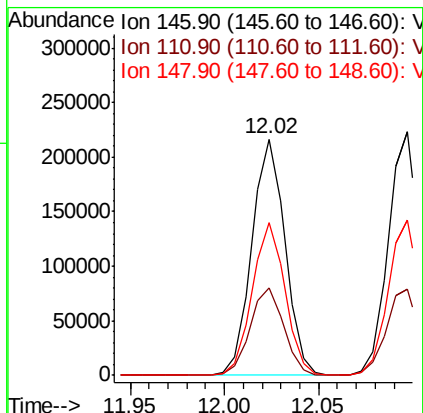
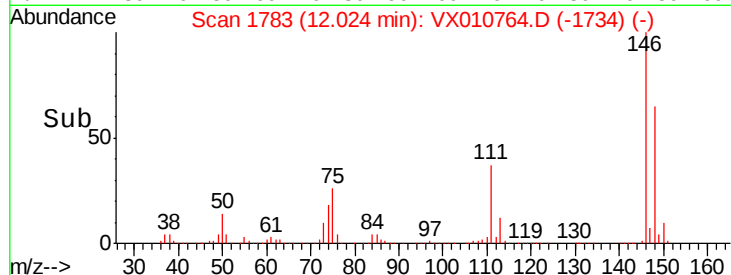
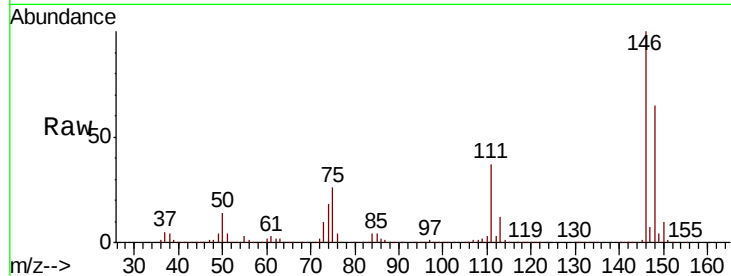
Tot Ion:146 Resp: 264110

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

148 63.9 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 49.633 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

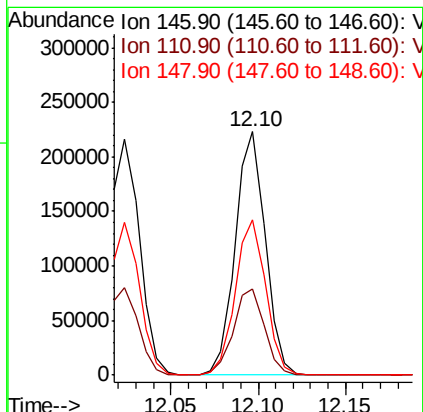
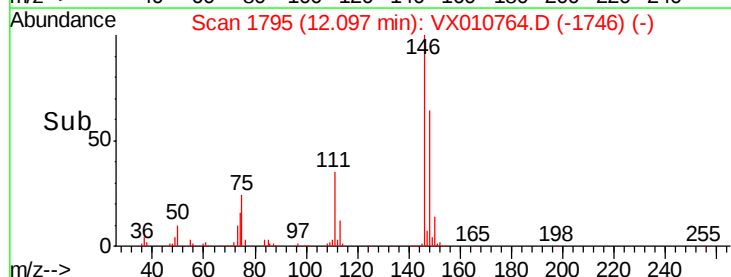
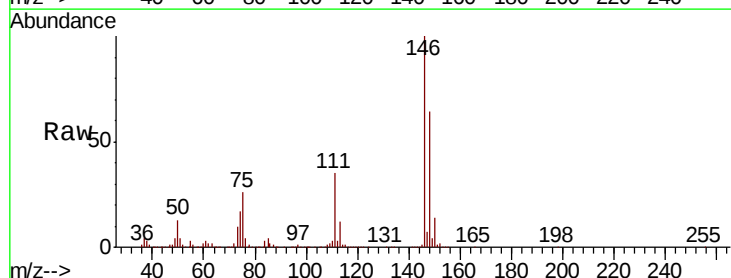
Tgt Ion:146 Resp: 266022

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.3

148 64.5 32.1 96.3

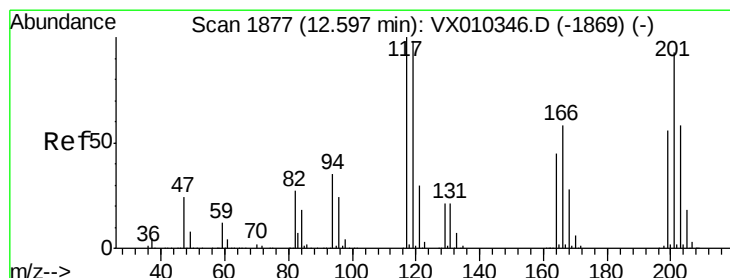
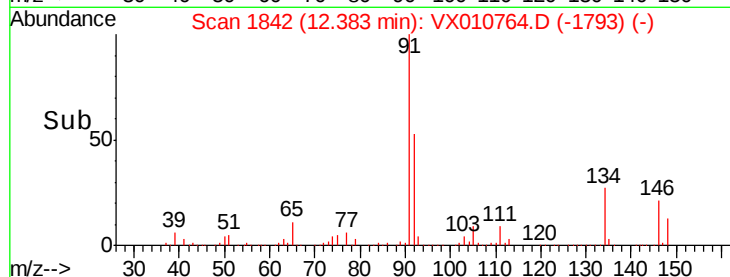
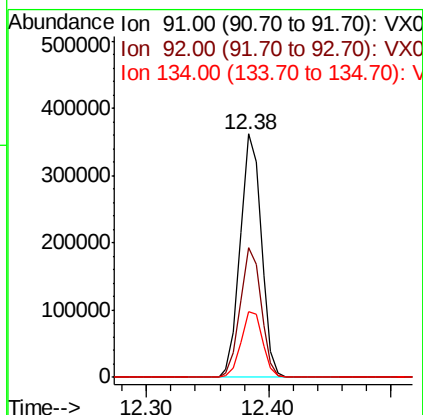
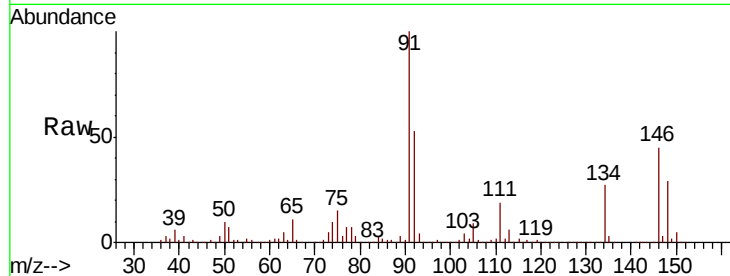




#89
n-Butylbenzene
Concen: 52.271 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

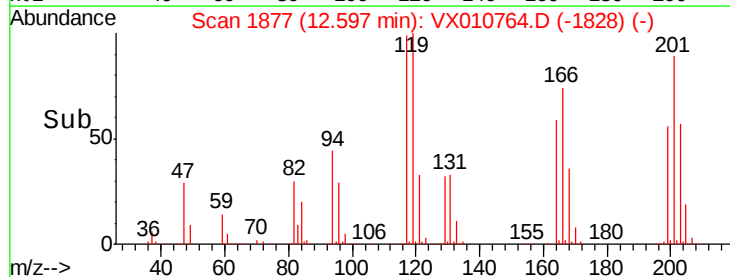
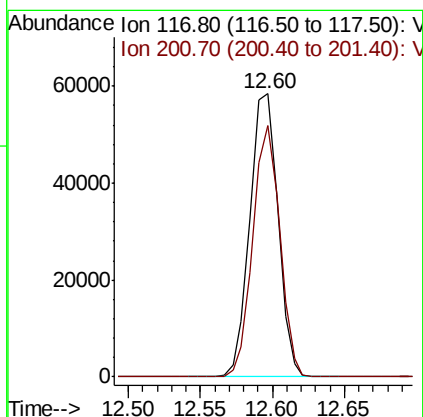
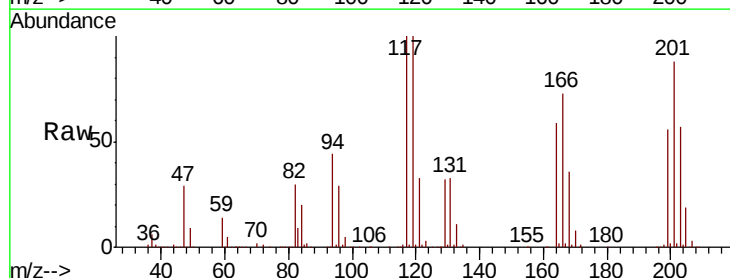
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 431124
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 27.6 14.1 42.4



#90
Hexachloroethane
Concen: 47.143 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion: 117 Resp: 79122
Ion Ratio Lower Upper
117 100
201 84.6 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 50.194 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

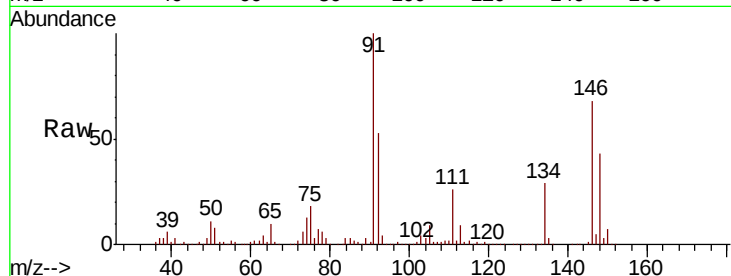
Tot Ion:146 Resp: 262635

Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

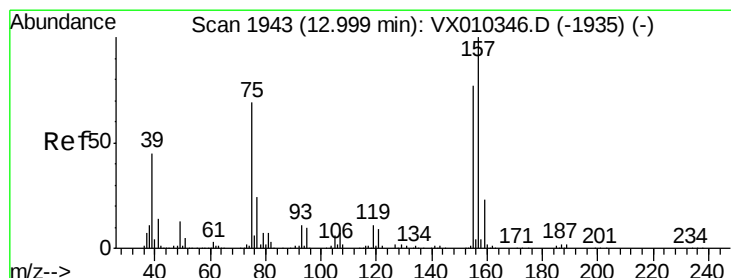
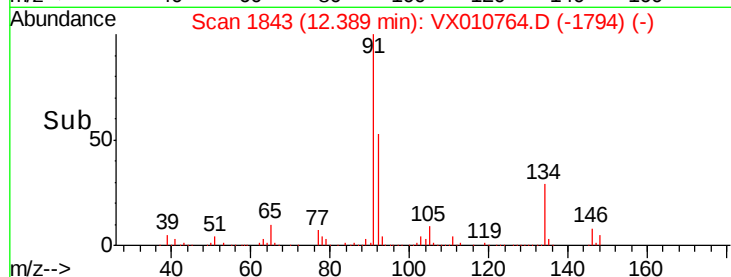
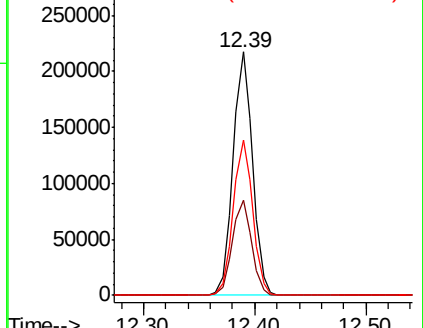
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.651 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010764.D

Acq: 09 Jul 2019 20:28

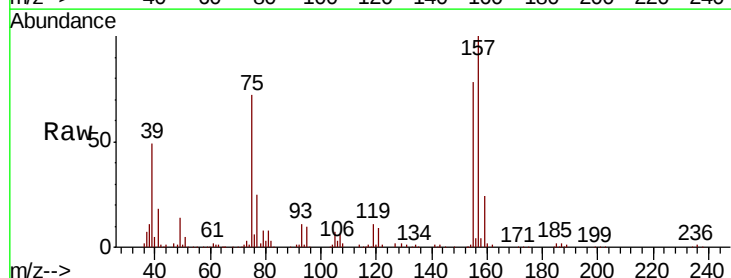
Tgt Ion: 75 Resp: 37522

Ion Ratio Lower Upper

75 100

155 103.9 54.4 163.1

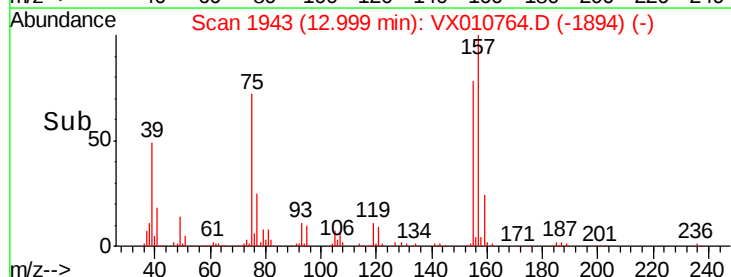
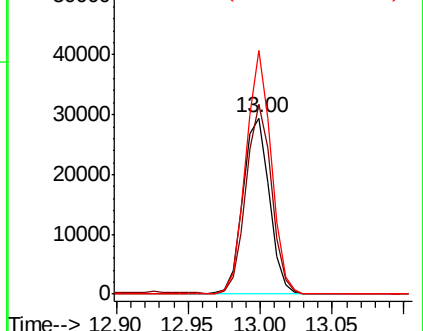
157 130.8 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

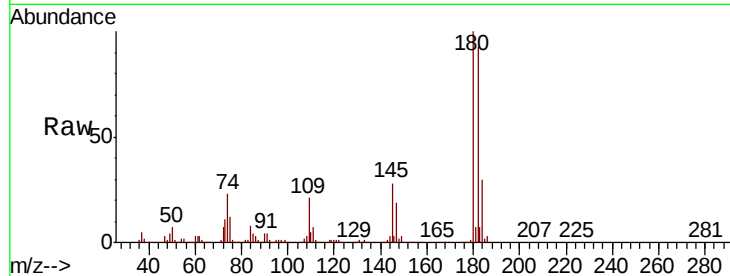




#93
 1,2,4-Trichlorobenzene
 Concen: 49.823 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	29.4	14.4	43.4

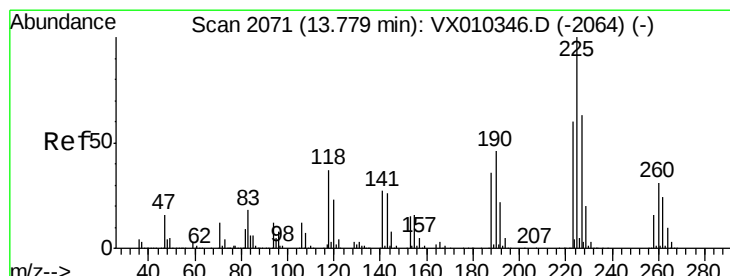
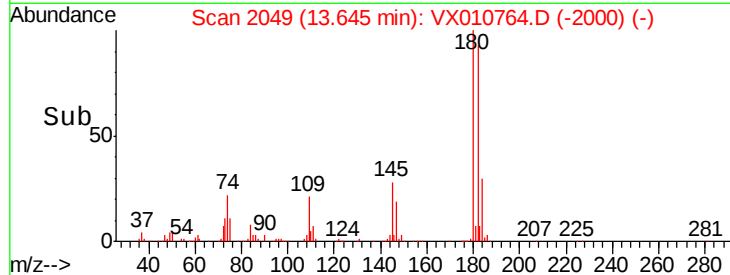
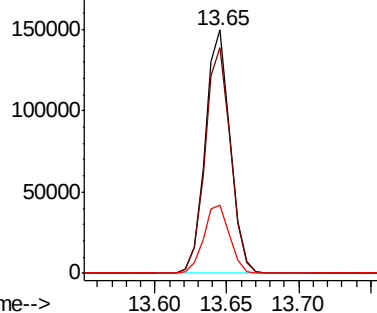


Abundance

Ion 179.80 (179.50 to 180.50): V

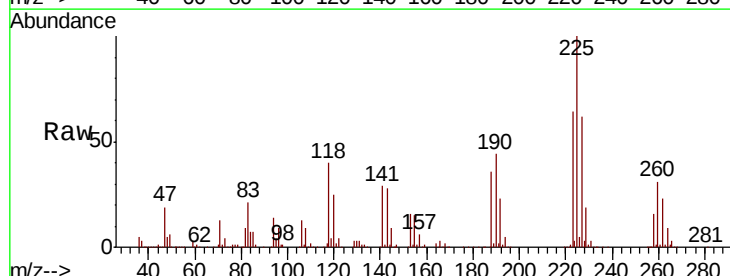
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.198 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010764.D
 Acq: 09 Jul 2019 20:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.9	92.7
227	61.7	31.9	95.5

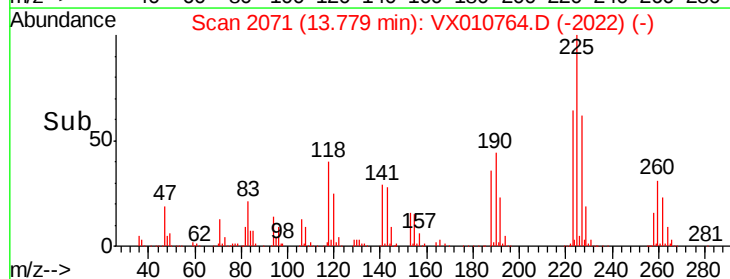
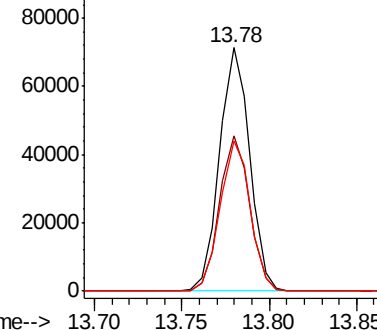


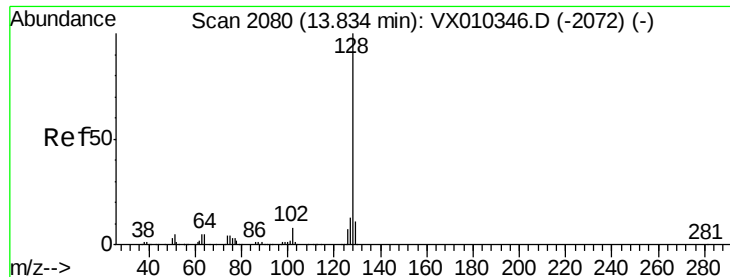
Abundance

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

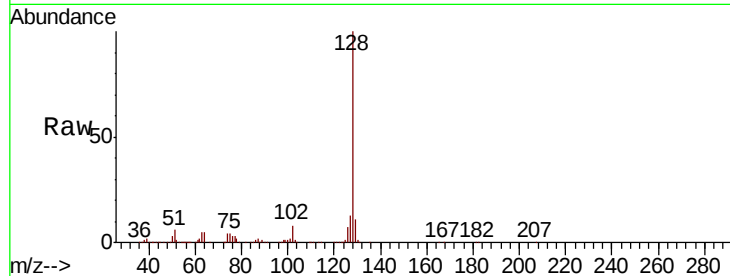




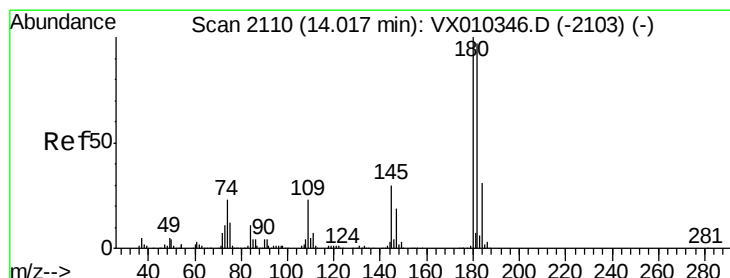
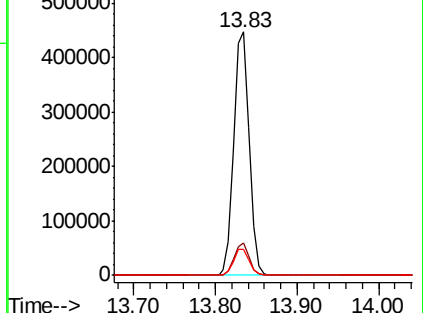
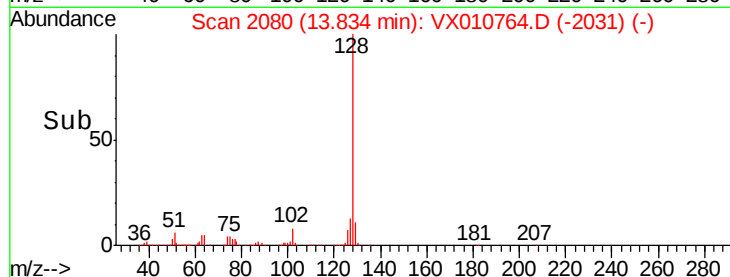
#95
Naphthalene
Concen: 51.165 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 570542
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3

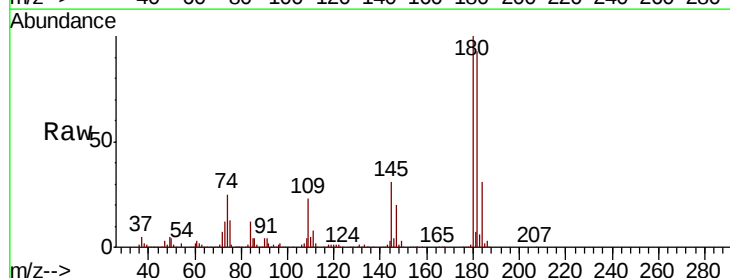


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.652 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010764.D
Acq: 09 Jul 2019 20:28

Tgt Ion:180 Resp: 182741
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 30.6 15.2 45.6



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

