

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011159.D
 Acq On : 29 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 30 05:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136752	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	99538	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	89348	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	8.71	98	330474	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	127316	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86469	44.023	ug/l	96
3) Chloromethane	1.32	50	77337	45.587	ug/l	100
4) Vinyl Chloride	1.41	62	82884	47.899	ug/l	99
5) Bromomethane	1.64	94	46277	47.458	ug/l	99
6) Chloroethane	1.71	64	54593	49.646	ug/l	95
7) Trichlorofluoromethane	1.92	101	150356	51.331	ug/l	98
8) Diethyl Ether	2.19	74	50149	49.691	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81064	48.470	ug/l	98
10) Methyl Iodide	2.51	142	75359	34.336	ug/l	100
11) Tert butyl alcohol	3.06	59	105801	231.478	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78287	47.643	ug/l	98
13) Acrolein	2.29	56	51407	194.666	ug/l	99
14) Allyl chloride	2.73	41	118551	49.669	ug/l	99
15) Acrylonitrile	3.14	53	237978	257.665	ug/l	100
16) Acetone	2.45	43	198318	223.734	ug/l	97
17) Carbon Disulfide	2.57	76	176651	41.909	ug/l	100
18) Methyl Acetate	2.78	43	118275	58.600	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	275006	51.988	ug/l	100
20) Methylene Chloride	2.85	84	91641	48.785	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83993	48.174	ug/l	96
22) Diisopropyl ether	3.85	45	262940	52.233	ug/l	99
23) Vinyl Acetate	3.81	43	1089609	255.462	ug/l	99
24) 1,1-Dichloroethane	3.70	63	147033	50.294	ug/l	99
25) 2-Butanone	4.67	43	328497	258.168	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108743	45.301	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	99158	49.141	ug/l	99
28) Bromochloromethane	5.01	49	69106	50.162	ug/l	99
29) Tetrahydrofuran	5.13	42	212336	263.445	ug/l	99
30) Chloroform	5.21	83	162896	51.550	ug/l	98
31) Cyclohexane	5.58	56	122966	46.146	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	143619	52.533	ug/l	100
36) 1,1-Dichloropropene	5.80	75	112379	50.076	ug/l	99
37) Ethyl Acetate	4.84	43	122437	53.280	ug/l	100
38) Carbon Tetrachloride	5.78	117	123290	52.721	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011159.D
 Acq On : 29 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 30 05:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134203	46.113	ug/l	98
40) Benzene	6.14	78	346112	50.348	ug/l	100
41) Methacrylonitrile	5.04	41	69247	53.083	ug/l	96
42) 1,2-Dichloroethane	6.19	62	126216	52.805	ug/l	99
43) Isopropyl Acetate	6.45	43	196853	52.097	ug/l	99
44) Trichloroethene	7.21	130	100235	49.259	ug/l	98
45) 1,2-Dichloropropane	7.51	63	89800	51.324	ug/l	100
46) Dibromomethane	7.66	93	65926	52.730	ug/l	99
47) Bromodichloromethane	7.90	83	122377	54.987	ug/l	100
48) Methyl methacrylate	7.77	41	98509	53.516	ug/l	97
49) 1,4-Dioxane	7.74	88	48759	946.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	677575	276.627	ug/l	99
52) Toluene	8.78	92	229416	50.801	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	129550	54.136	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	140213	52.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98952	53.216	ug/l	100
56) Ethyl methacrylate	9.18	69	149693	55.036	ug/l	98
57) 1,3-Dichloropropane	9.37	76	154334	52.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350119	269.657	ug/l	100
59) 2-Hexanone	9.49	43	523533	275.571	ug/l	99
60) Dibromochloromethane	9.58	129	109057	50.913	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106429	53.933	ug/l	100
64) Tetrachloroethene	9.34	164	95694	47.413	ug/l	95
65) Chlorobenzene	10.13	112	263752	50.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98911	53.408	ug/l	98
67) Ethyl Benzene	10.25	91	457066	50.958	ug/l	99
68) m/p-Xylenes	10.36	106	350386	101.839	ug/l	99
69) o-Xylene	10.69	106	172710	51.435	ug/l	99
70) Styrene	10.71	104	301012	53.776	ug/l	99
71) Bromoform	10.85	173	83297	49.428	ug/l #	98
73) Isopropylbenzene	11.02	105	463355	50.145	ug/l	100
74) N-amyl acetate	10.90	43	179861	50.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	158066	52.271	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168310	68.203	ug/l	83
77) Bromobenzene	11.26	156	128472	50.405	ug/l	99
78) n-propylbenzene	11.36	91	519605	50.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	311349	50.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	391496	50.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44171	45.719	ug/l	97
82) 4-Chlorotoluene	11.51	91	366206	51.300	ug/l	98
83) tert-Butylbenzene	11.77	119	393719	51.913	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	397709	51.105	ug/l	100
85) sec-Butylbenzene	11.94	105	461812	51.967	ug/l	100
86) p-Isopropyltoluene	12.06	119	431386	52.508	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	223433	50.514	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	224650	49.521	ug/l	99
89) n-Butylbenzene	12.38	91	363489	51.715	ug/l	99
90) Hexachloroethane	12.59	117	66104	51.013	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	224099	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34846	55.127	ug/l	95

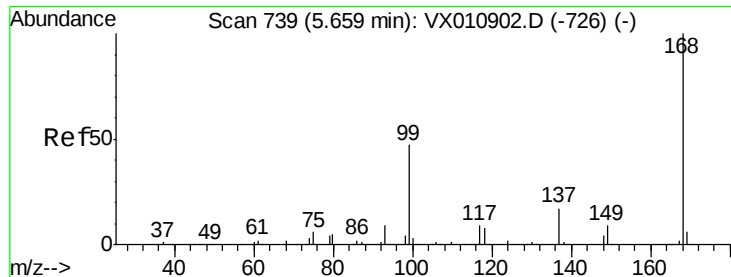
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011159.D
Acq On : 29 Jul 2019 20:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 30 05:10:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154318	51.943	ug/l	98
94) Hexachlorobutadiene	13.78	225	74542	50.632	ug/l	99
95) Naphthalene	13.83	128	488621	55.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158592	53.650	ug/l	100

(#) = 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. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

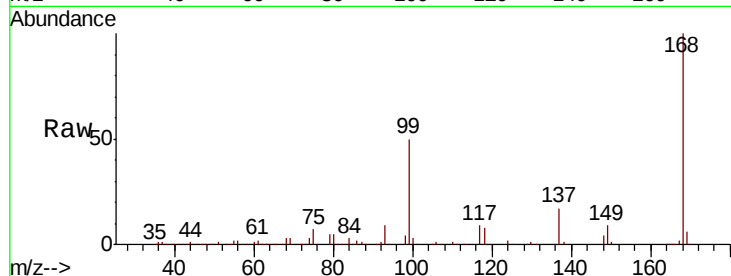
VSTDCCC050EC

Tot Ion:168 Resp: 184480

Ion Ratio Lower Upper

168 100

99 49.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

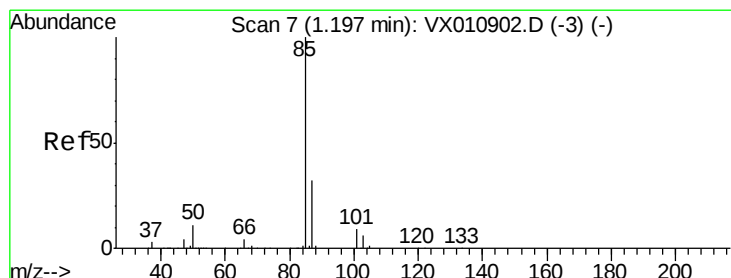
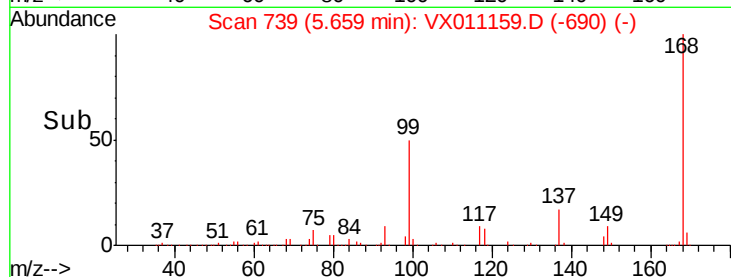
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.023 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011159.D

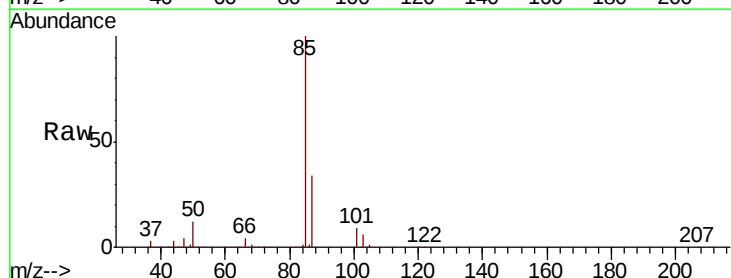
Acq: 29 Jul 2019 20:29

Tgt Ion: 85 Resp: 86469

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

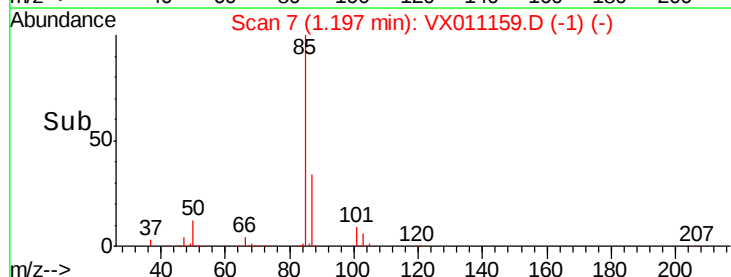
60000

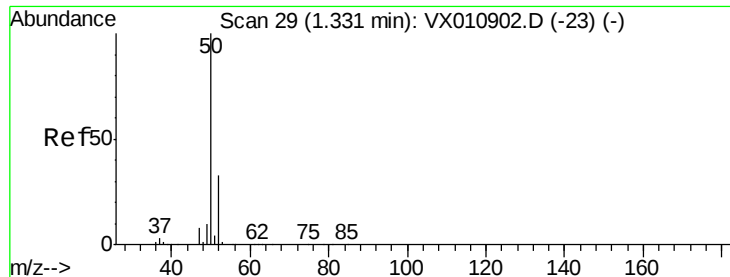
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 45.587 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

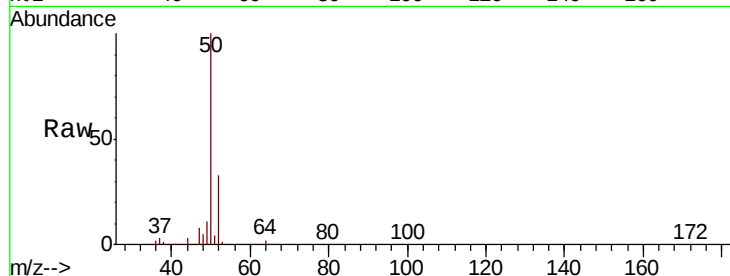
VSTDCCC050EC

Tot Ion: 50 Resp: 77337

Ion Ratio Lower Upper

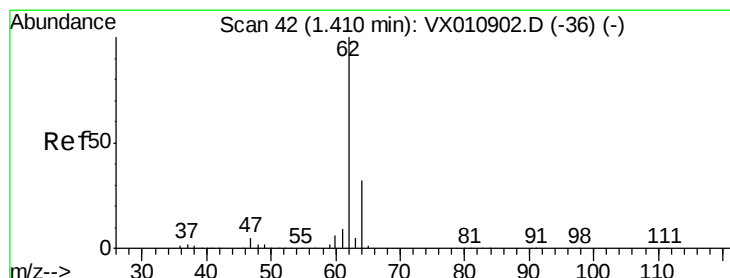
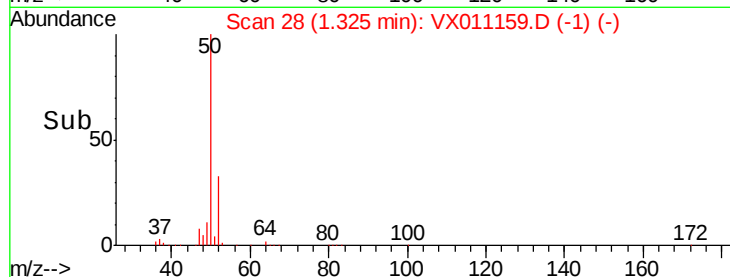
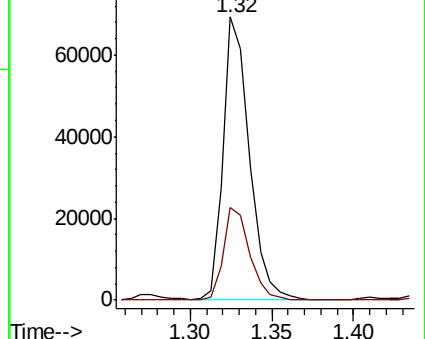
50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.899 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011159.D

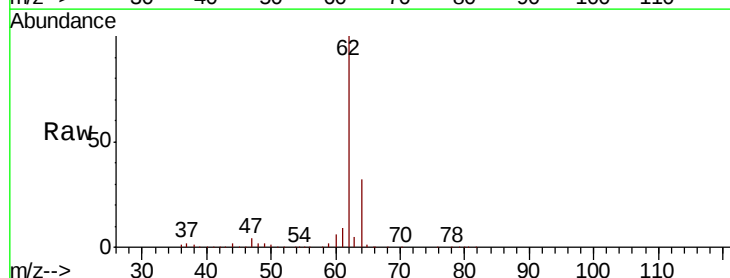
Acq: 29 Jul 2019 20:29

Tgt Ion: 62 Resp: 82884

Ion Ratio Lower Upper

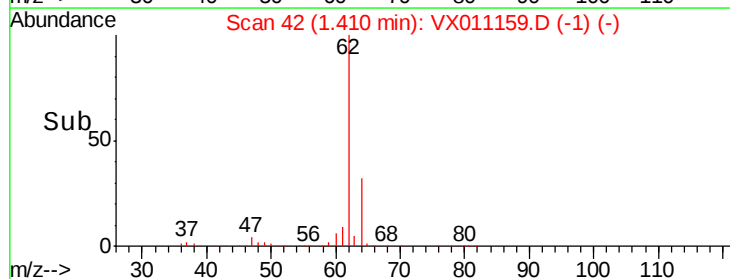
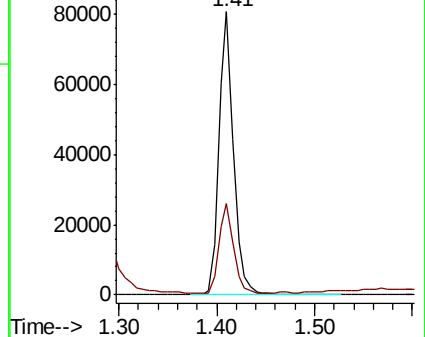
62 100

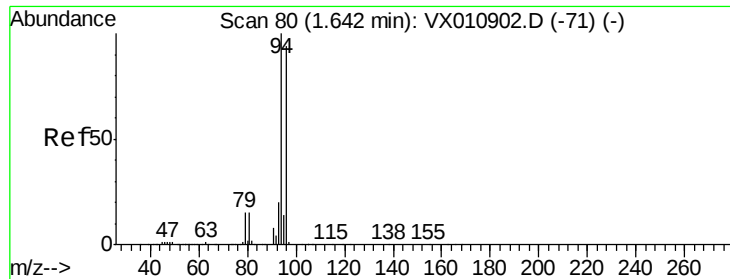
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.458 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

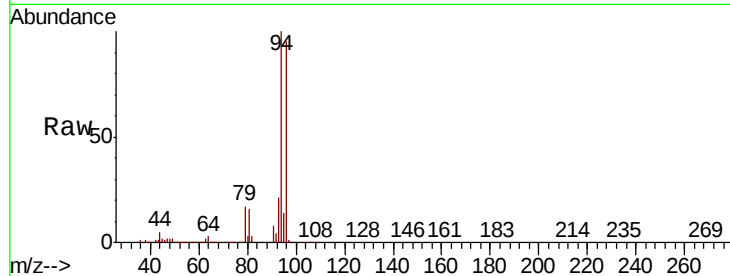
VSTDCCC050EC

Tot Ion: 94 Resp: 46277

Ion Ratio Lower Upper

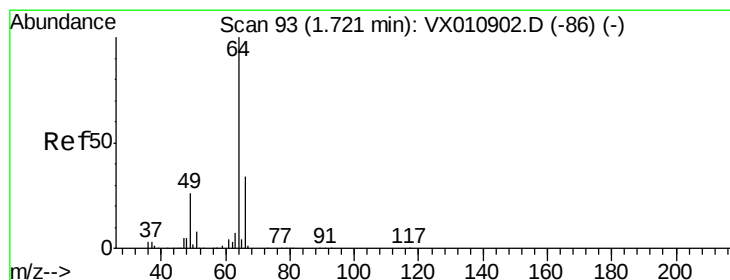
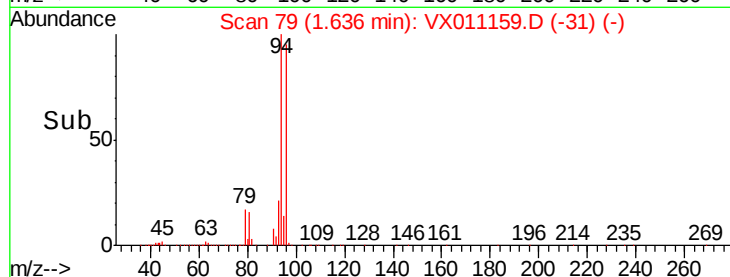
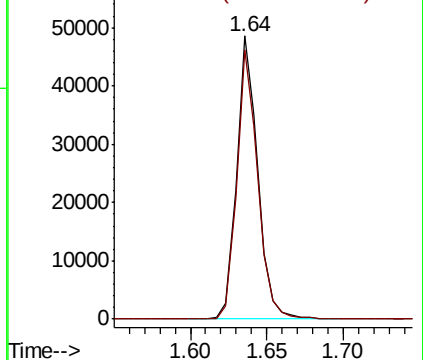
94 100

96 95.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.646 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011159.D

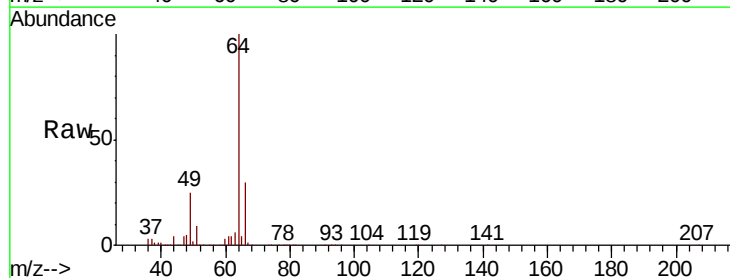
Acq: 29 Jul 2019 20:29

Tgt Ion: 64 Resp: 54593

Ion Ratio Lower Upper

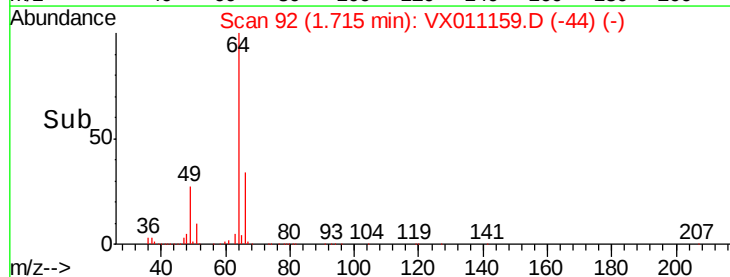
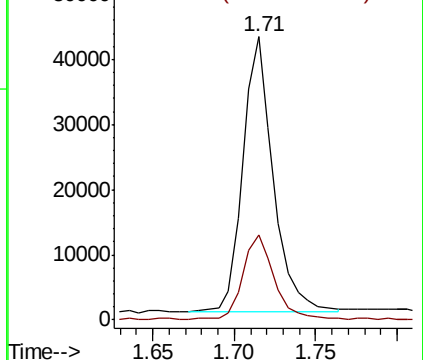
64 100

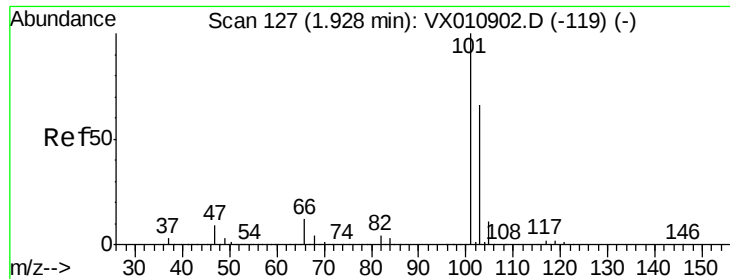
66 30.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



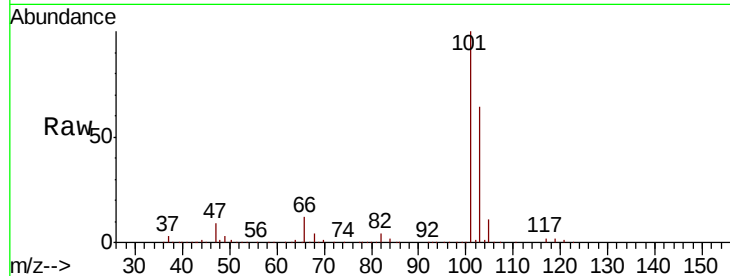


#7

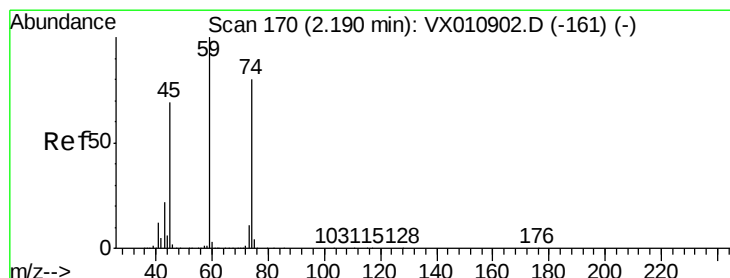
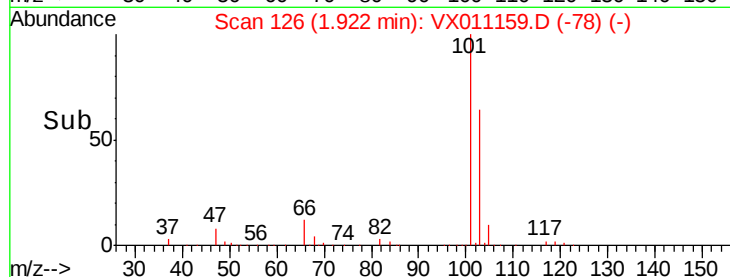
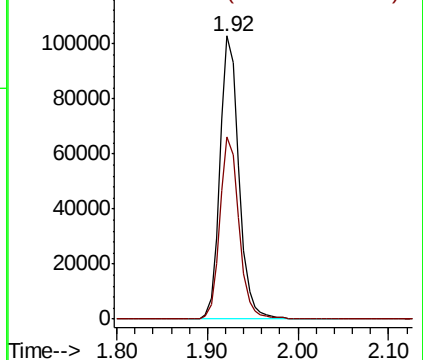
Trichlorofluoromethane
 Concen: 51.331 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 150356
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8



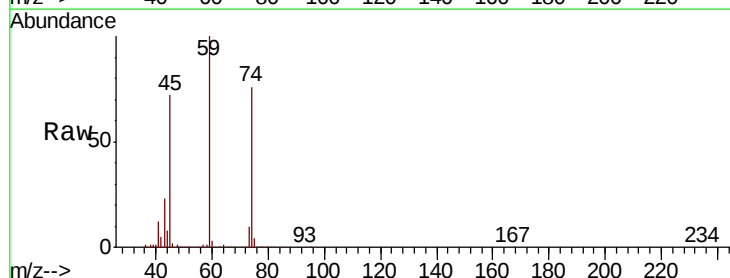
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



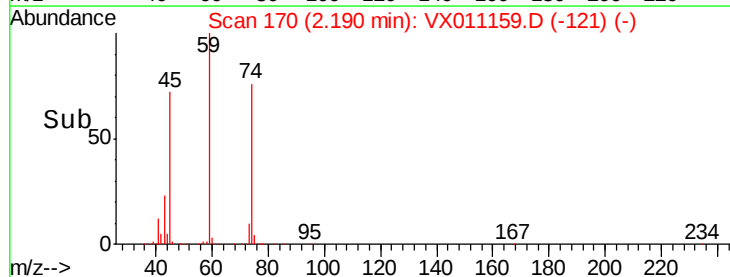
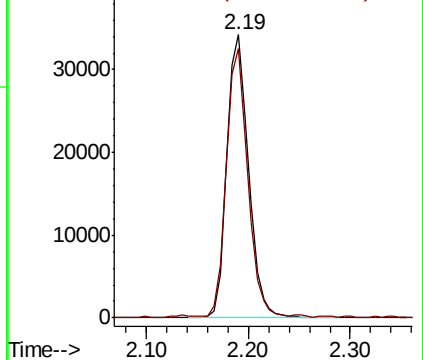
#8

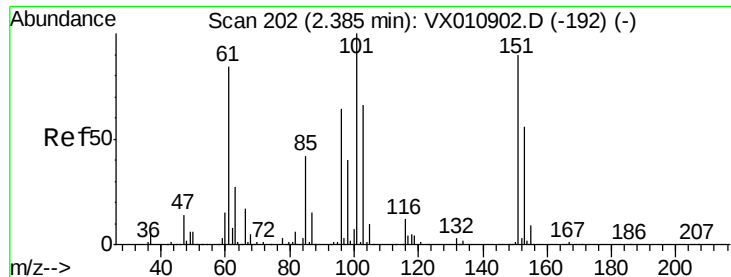
Diethyl Ether
 Concen: 49.691 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion: 74 Resp: 50149
 Ion Ratio Lower Upper
 74 100
 45 93.8 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.470 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

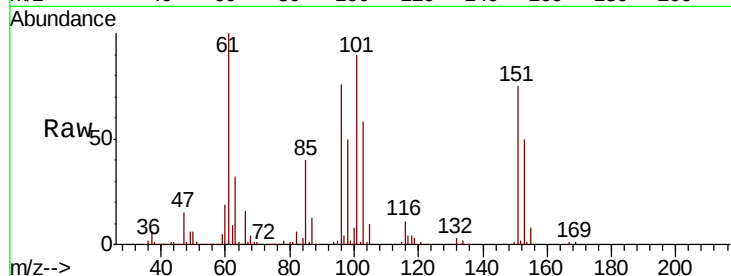
Tot Ion:101 Resp: 81064

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

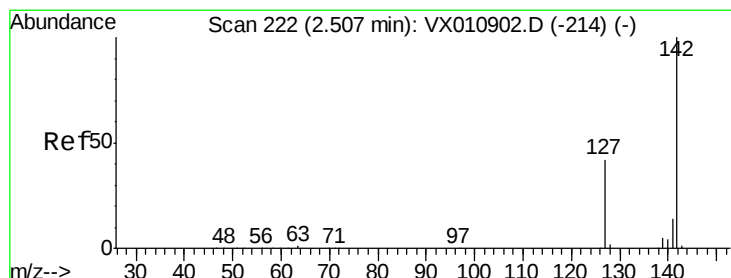
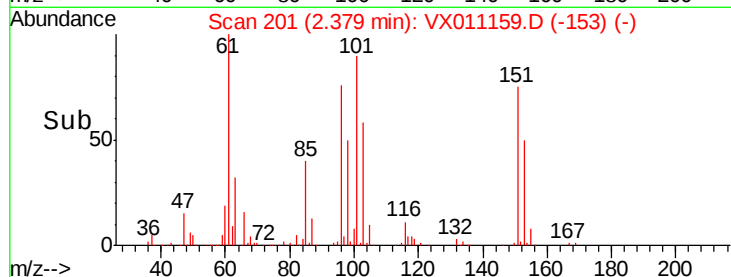
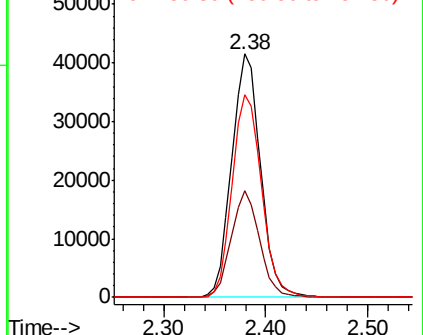
151 85.0 69.6 104.4



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: 34.336 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

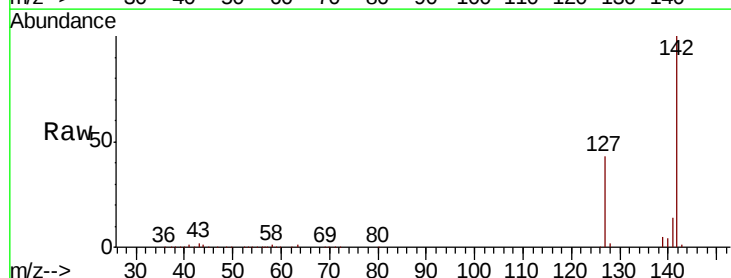
Tgt Ion:142 Resp: 75359

Ion Ratio Lower Upper

142 100

127 43.1 34.2 51.4

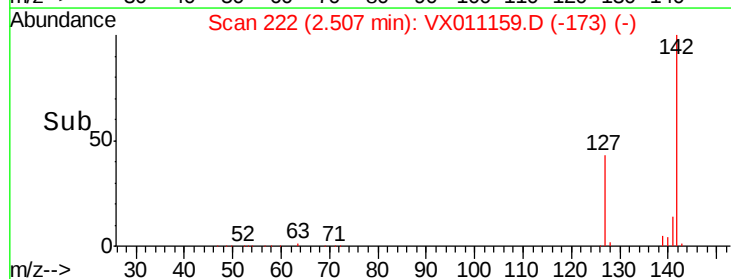
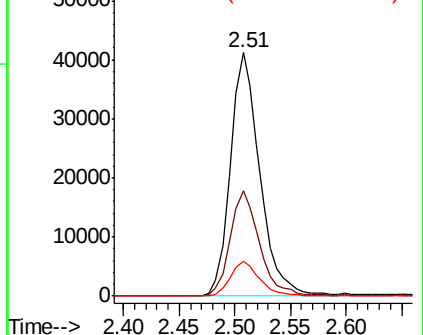
141 14.3 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

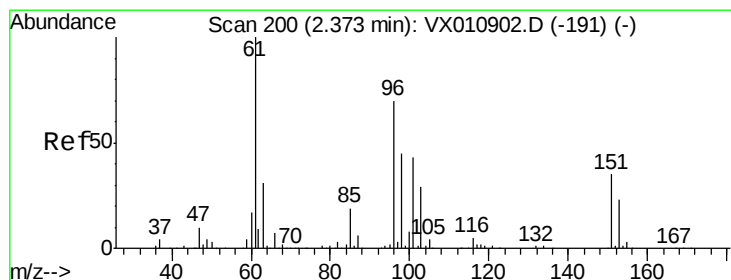
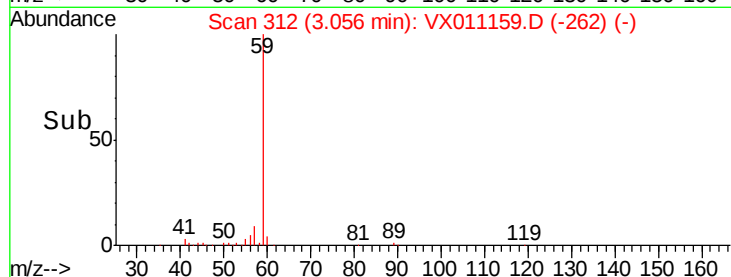
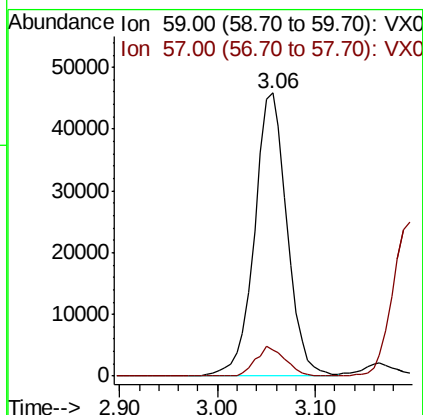
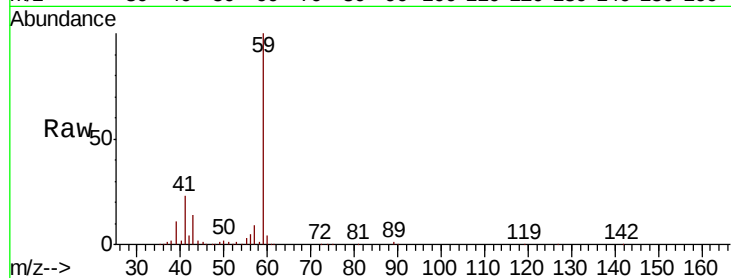




#11
Tert butyl alcohol
Concen: 231.478 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

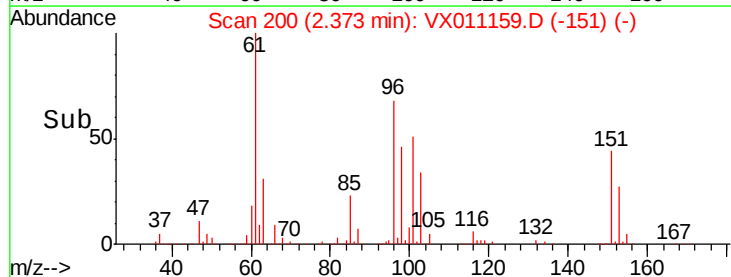
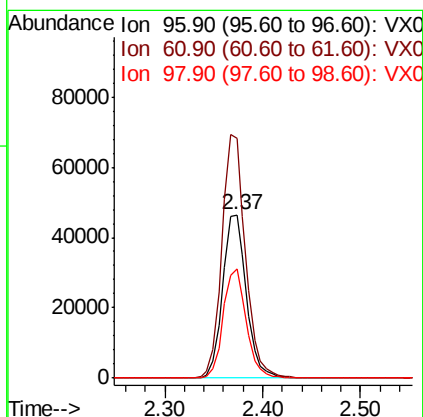
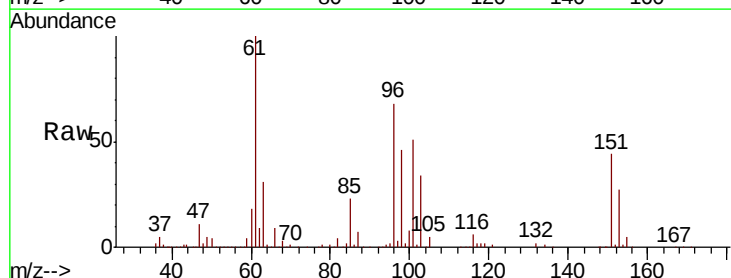
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

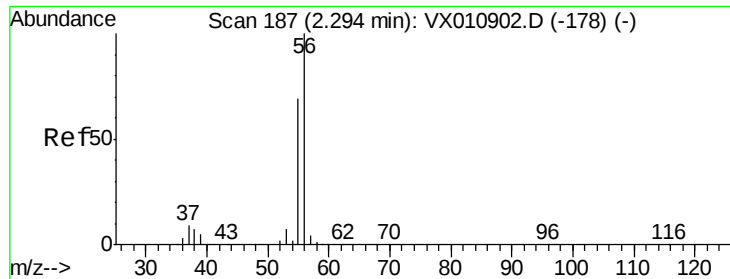
Tot Ion: 59 Resp: 105801
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9



#12
1,1-Dichloroethene
Concen: 47.643 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 96 Resp: 78287
Ion Ratio Lower Upper
96 100
61 146.8 115.0 172.4
98 67.1 52.2 78.2





#13

Acrolein

Concen: 194.666 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

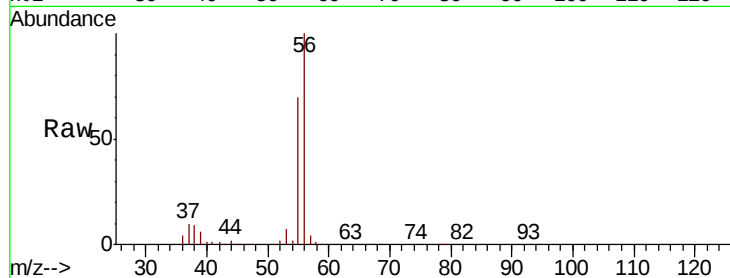
VSTDCCC050EC

Tot Ion: 56 Resp: 51407

Ion Ratio Lower Upper

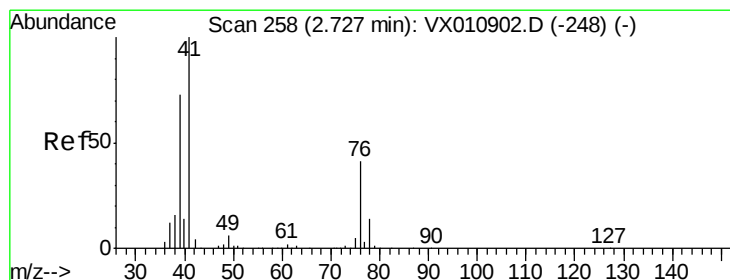
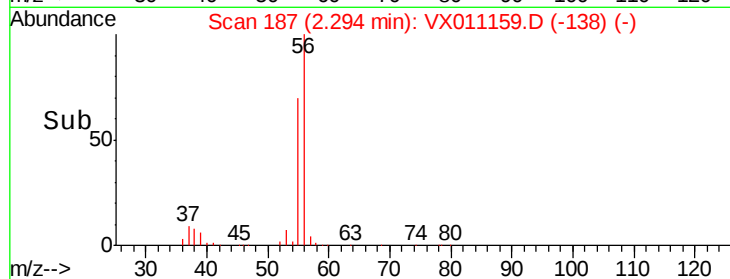
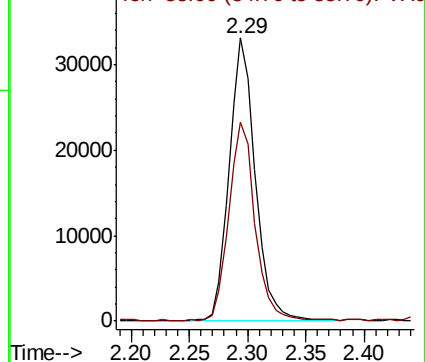
56 100

55 70.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.669 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

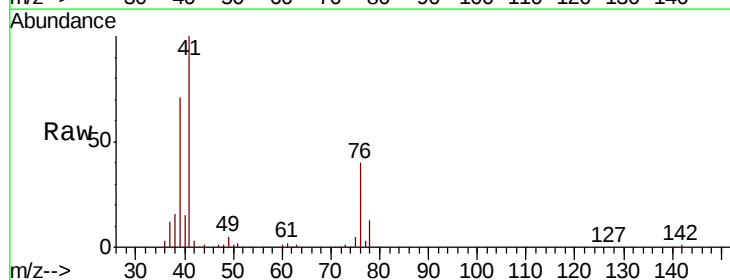
Tgt Ion: 41 Resp: 118551

Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

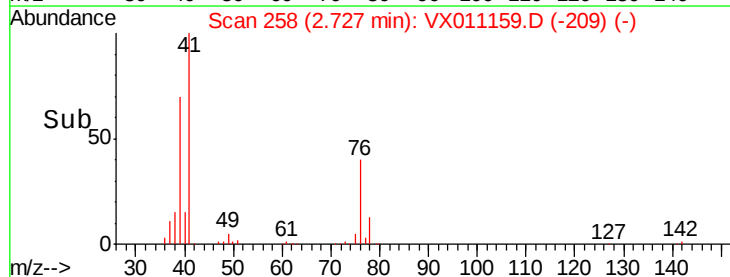
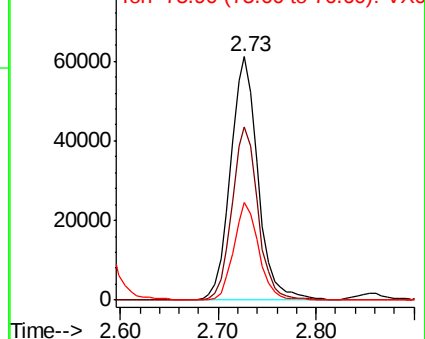
76 36.3 29.7 44.5

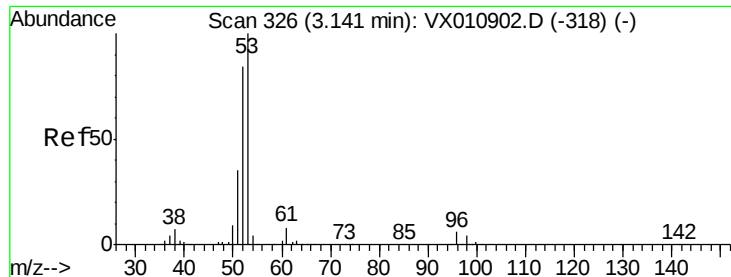


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 257.665 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

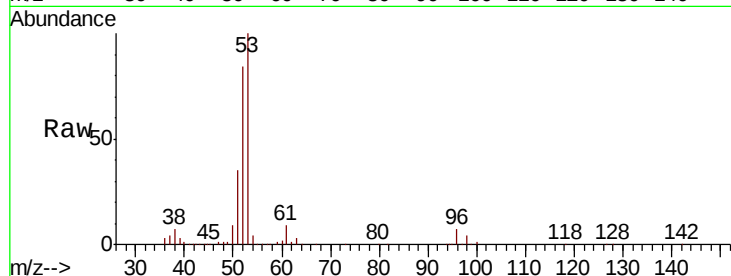
Tot Ion: 53 Resp: 237978

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

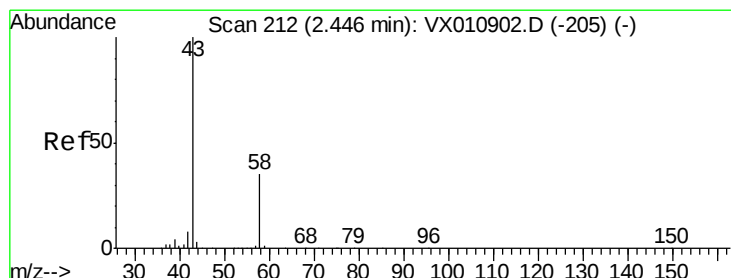
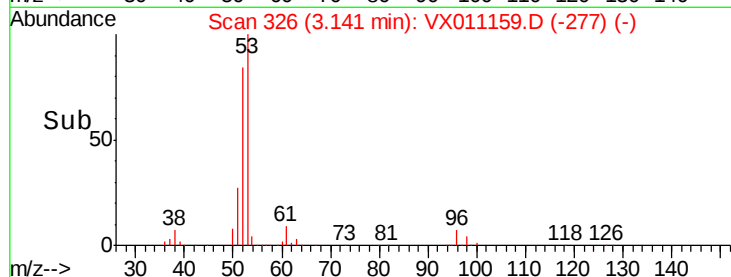
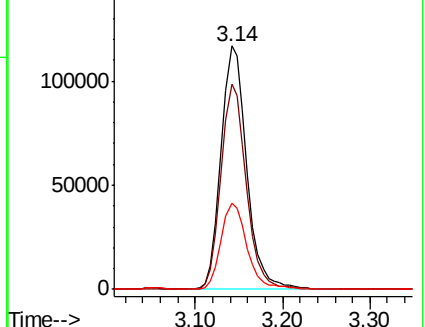
51 36.1 28.2 42.4



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: 223.734 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011159.D

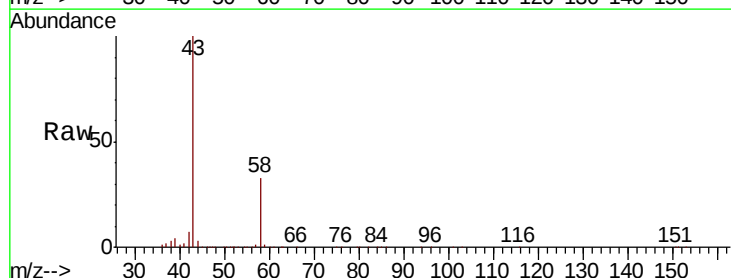
Acq: 29 Jul 2019 20:29

Tgt Ion: 43 Resp: 198318

Ion Ratio Lower Upper

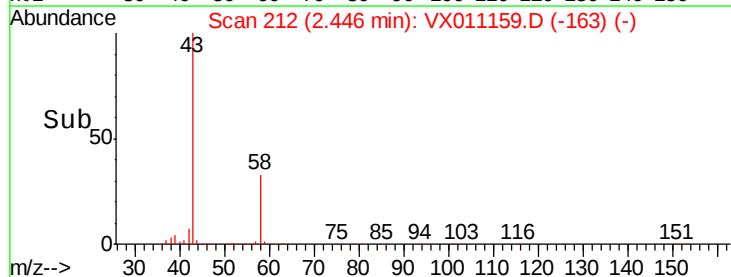
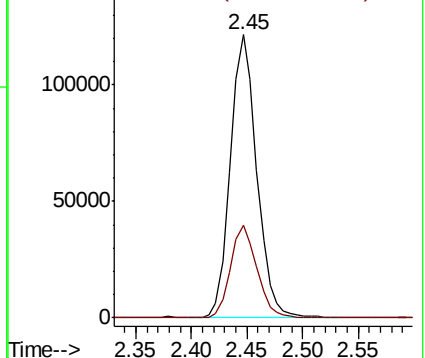
43 100

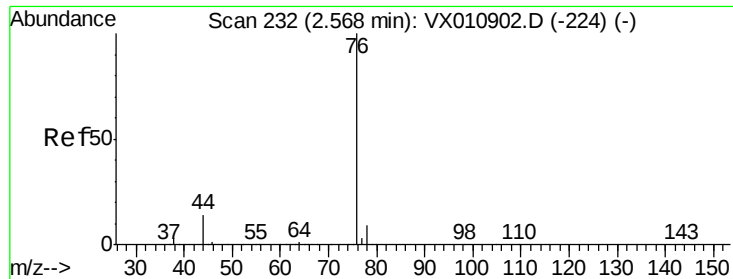
58 32.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

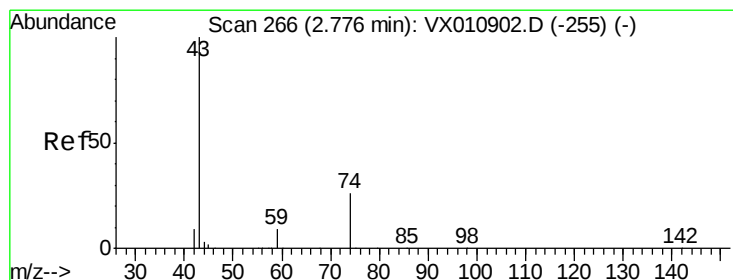
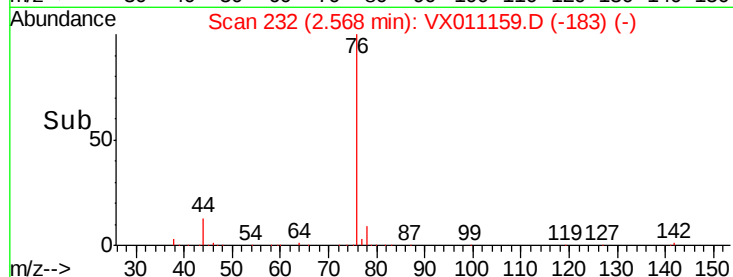
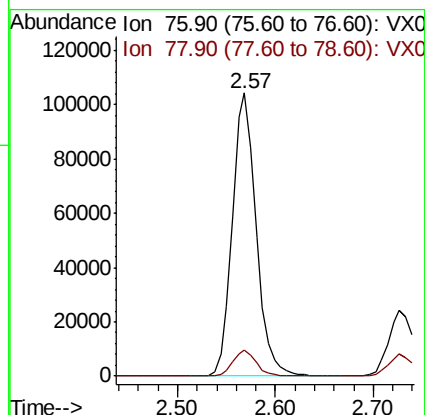
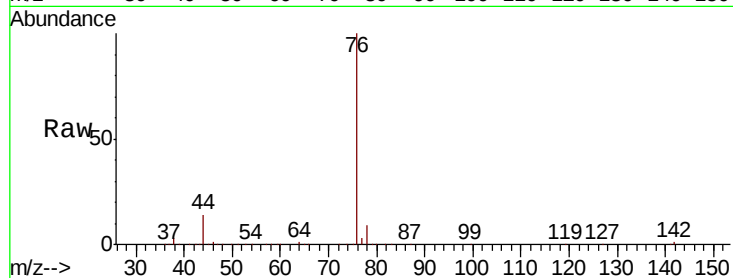




#17
Carbon Disulfide
Concen: 41.909 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

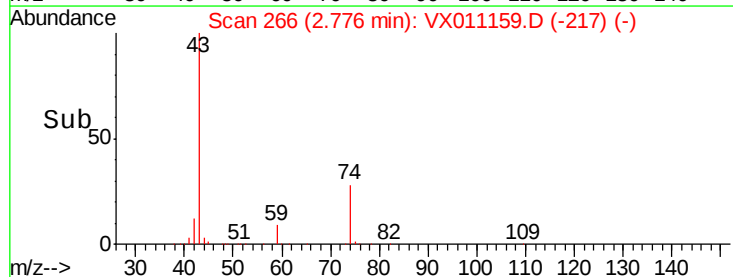
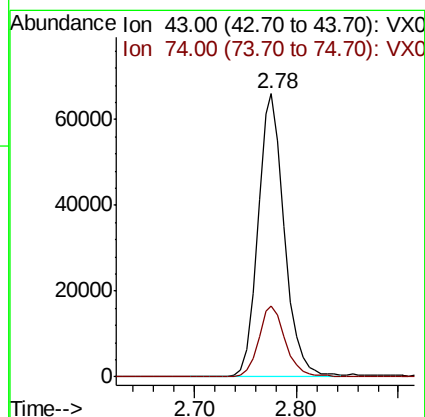
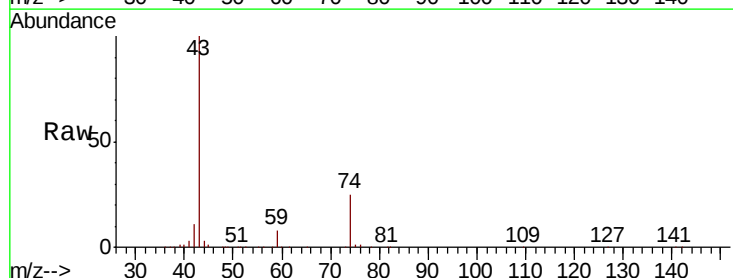
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

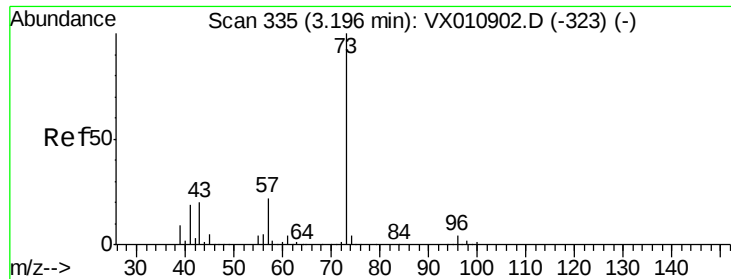
Tot Ion: 76 Resp: 176651
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 58.600 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 43 Resp: 118275
Ion Ratio Lower Upper
43 100
74 25.9 21.5 32.3

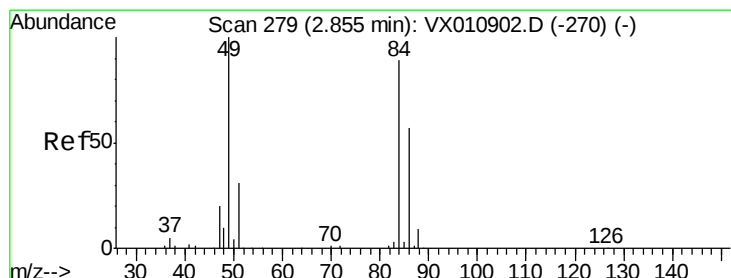
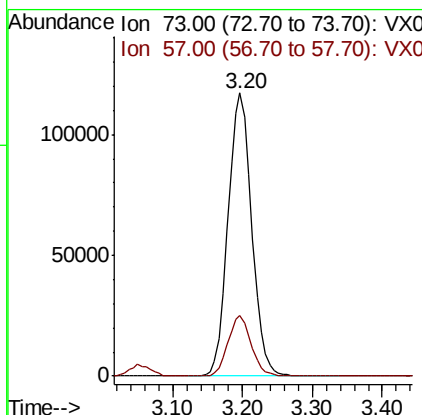
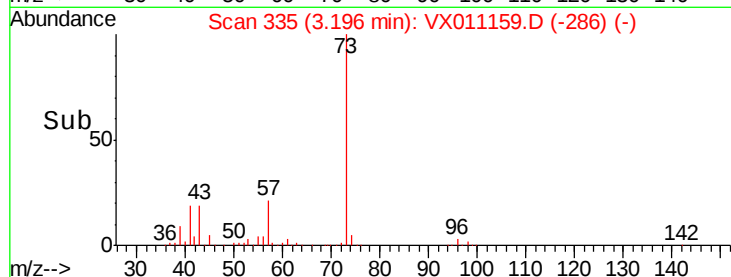
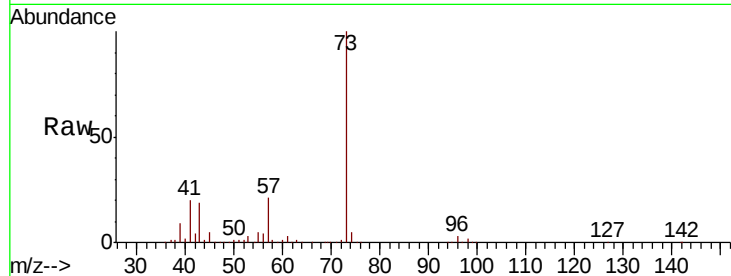




#19
Methyl tert-butyl Ether
Concen: 51.988 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

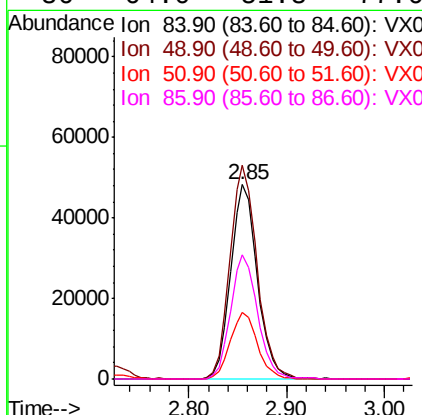
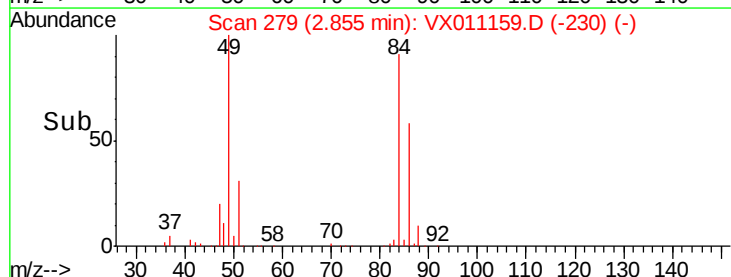
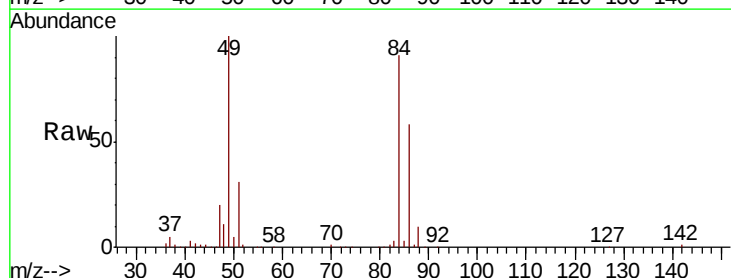
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

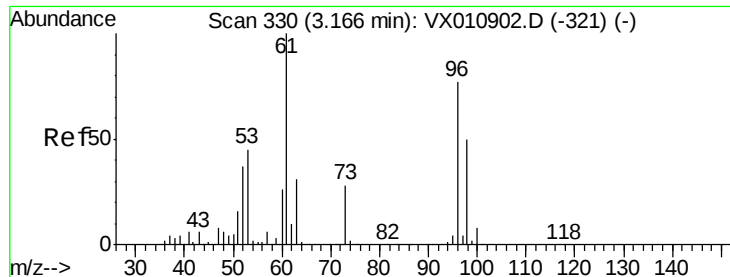
Tot Ion: 73 Resp: 275006
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.785 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 84 Resp: 91641
Ion Ratio Lower Upper
84 100
49 109.6 89.9 134.9
51 34.5 27.8 41.6
86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.174 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

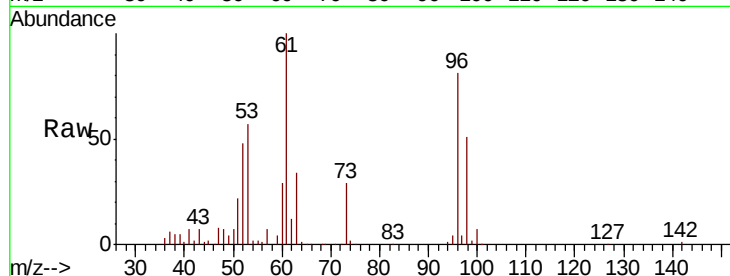
Tot Ion: 96 Resp: 83993

Ion Ratio Lower Upper

96 100

61 124.1 104.2 156.2

98 63.6 52.2 78.4

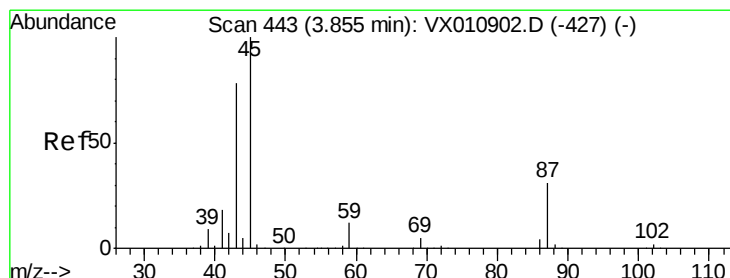
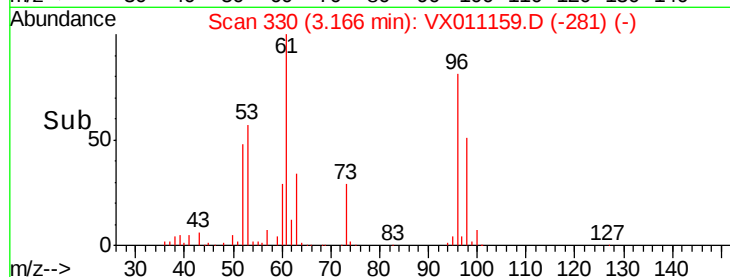
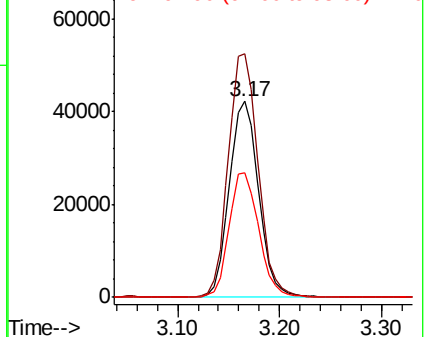


Abundance

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



#22

Diisopropyl ether

Concen: 52.233 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion: 45 Resp: 262940

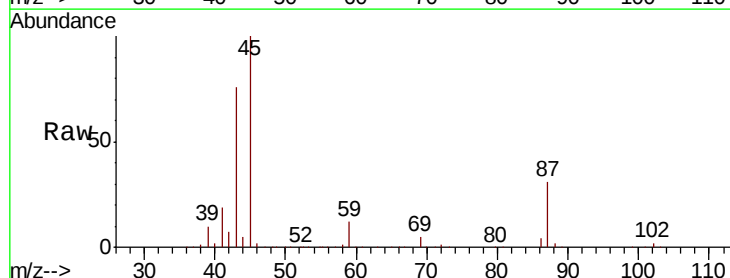
Ion Ratio Lower Upper

45 100

43 76.2 62.3 93.5

87 31.2 25.0 37.4

59 12.3 9.9 14.9



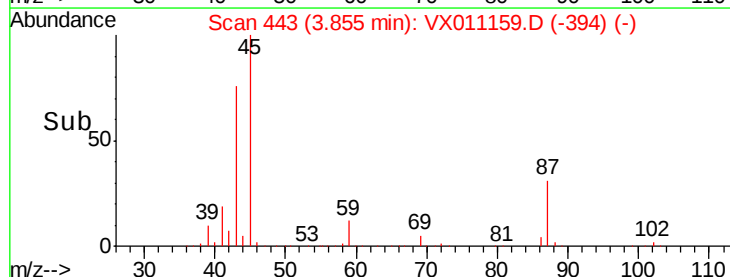
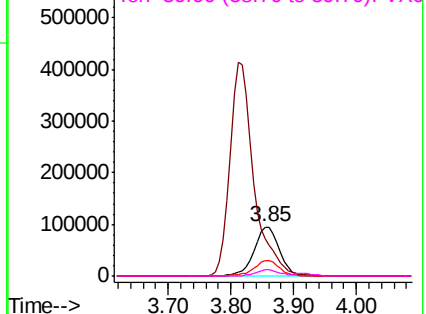
Abundance

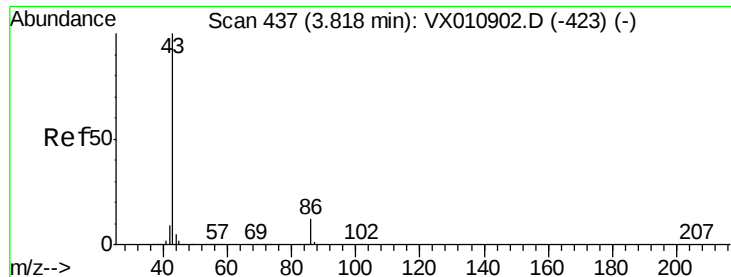
Ion 45.00 (44.70 to 45.70): VX0

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: 255.462 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

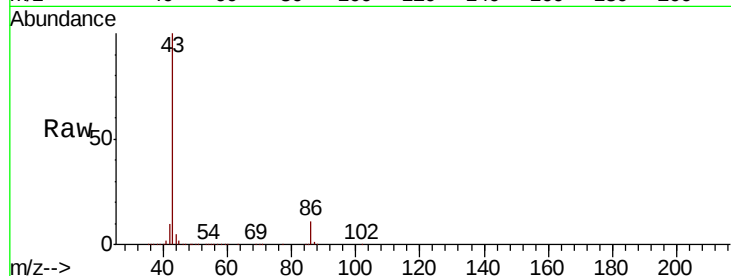
VSTDCCC050EC

Tot Ion: 43 Resp: 1089609

Ion Ratio Lower Upper

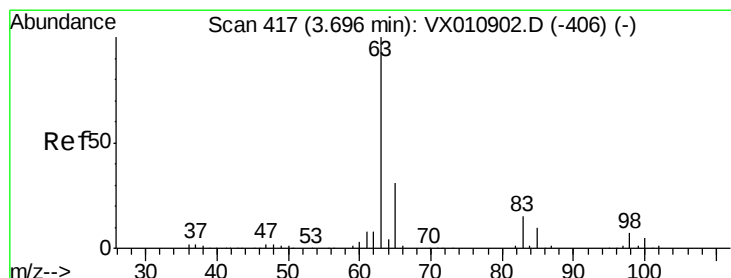
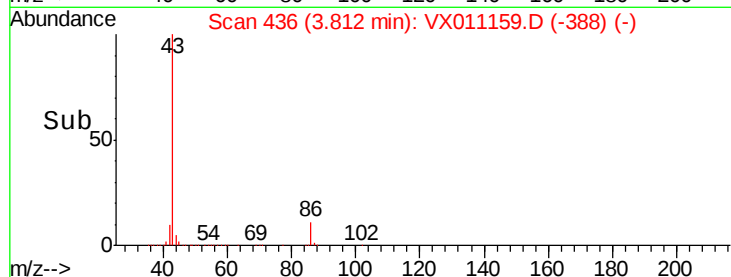
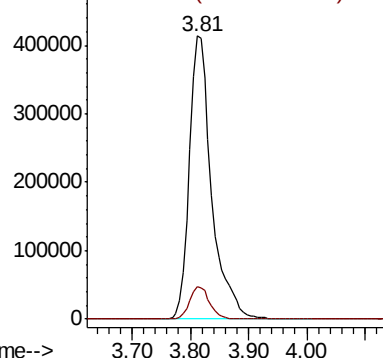
43 100

86 11.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.294 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

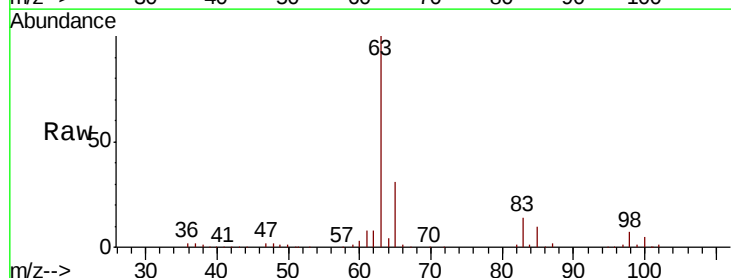
Tgt Ion: 63 Resp: 147033

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

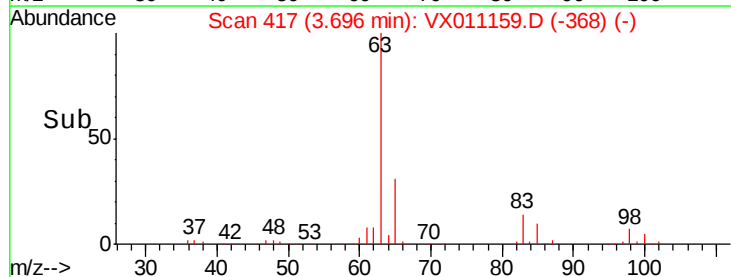
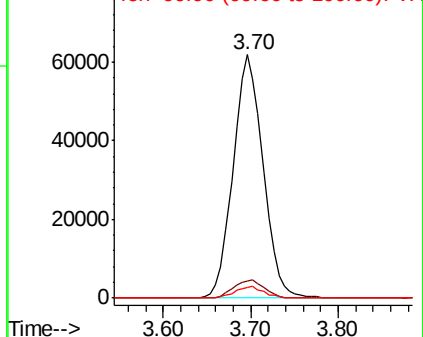
100 4.6 2.4 7.2

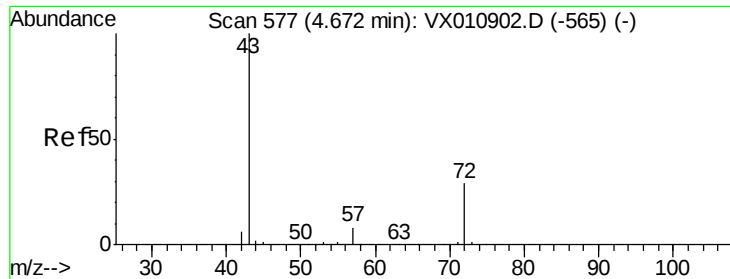


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.168 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

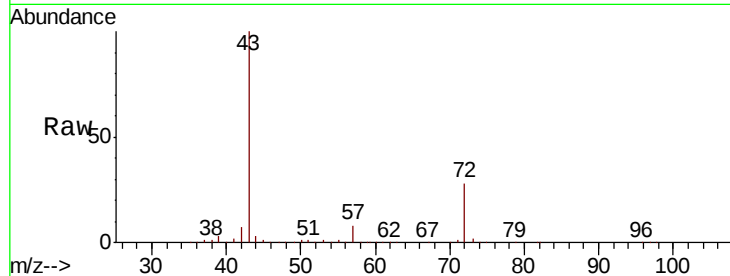
VSTDCCC050EC

Tot Ion: 43 Resp: 328497

Ion Ratio Lower Upper

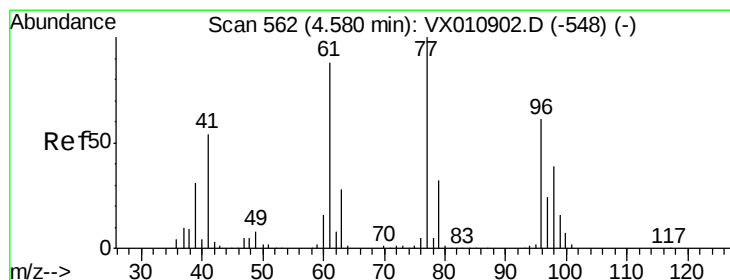
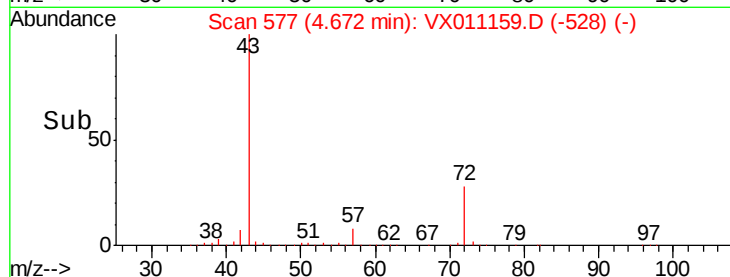
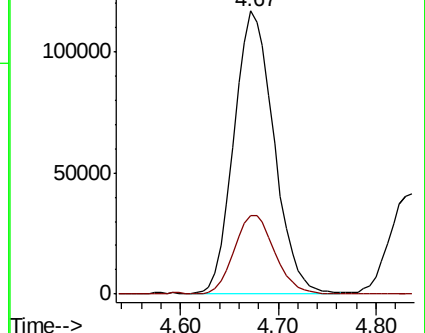
43 100

72 27.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.301 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011159.D

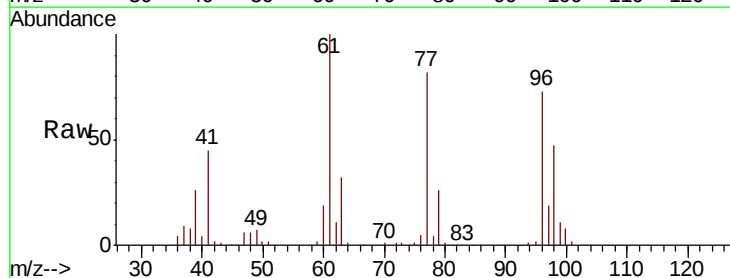
Acq: 29 Jul 2019 20:29

Tgt Ion: 77 Resp: 108743

Ion Ratio Lower Upper

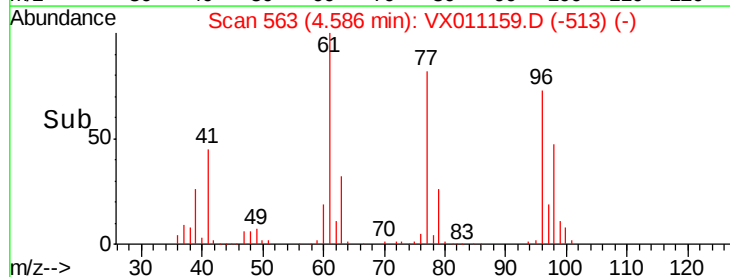
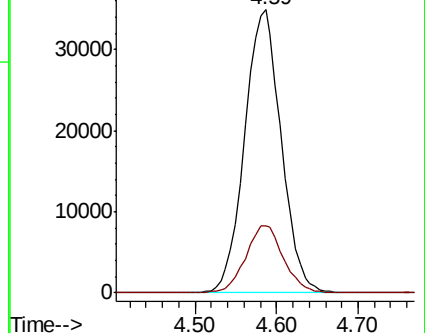
77 100

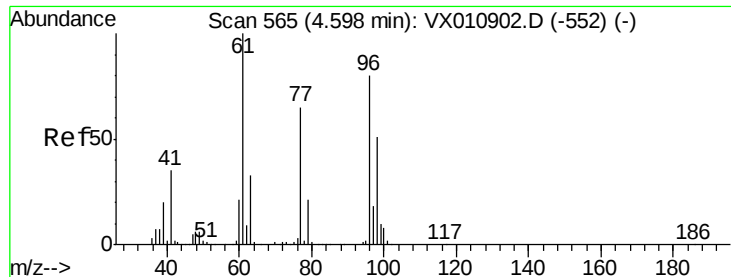
97 24.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



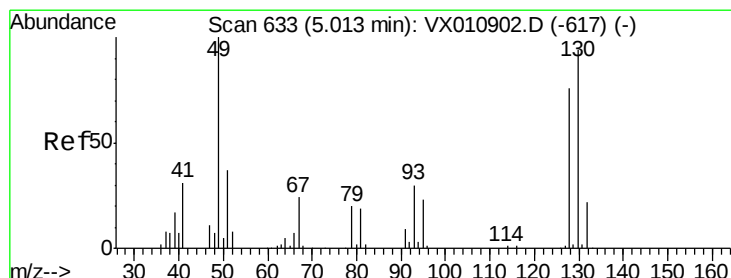
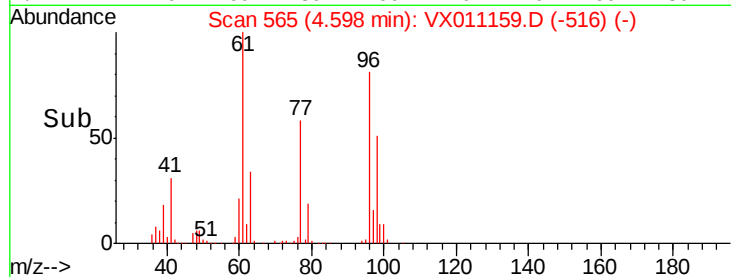
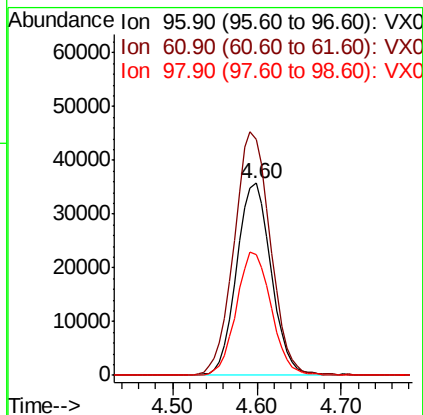
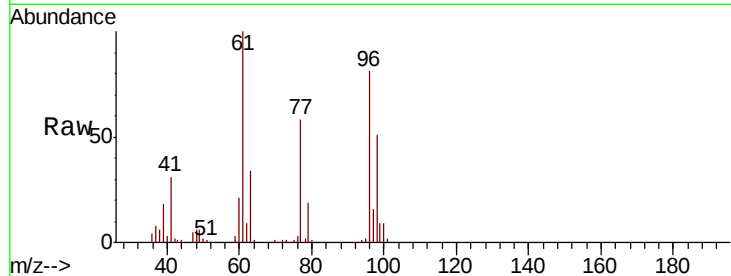


#27

cis-1,2-Dichloroethene
 Concen: 49.141 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

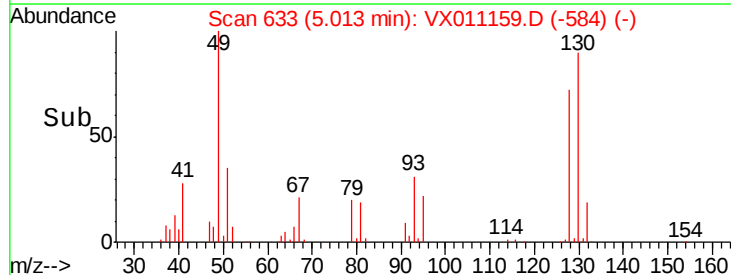
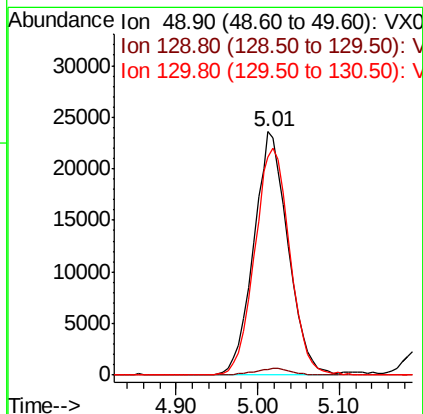
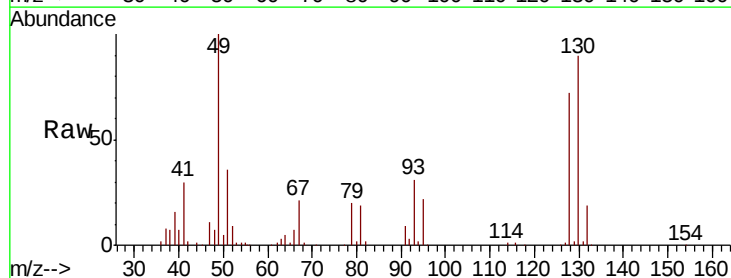
Tot Ion: 96 Resp: 99158
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 269.0
 98 65.0 0.0 131.4

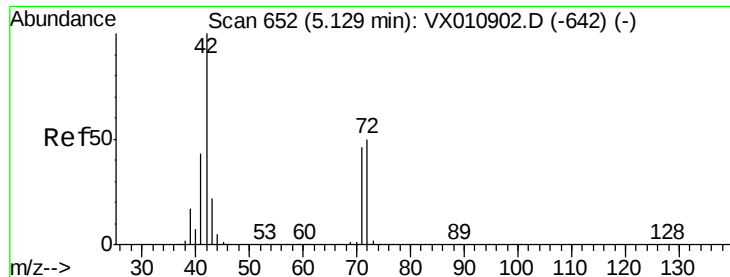


#28

Bromochloromethane
 Concen: 50.162 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion: 49 Resp: 69106
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.2
 130 95.5 76.9 115.3

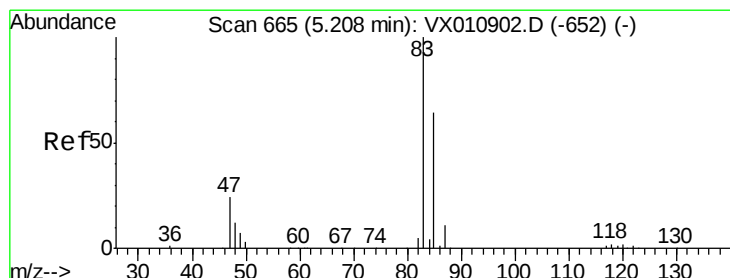
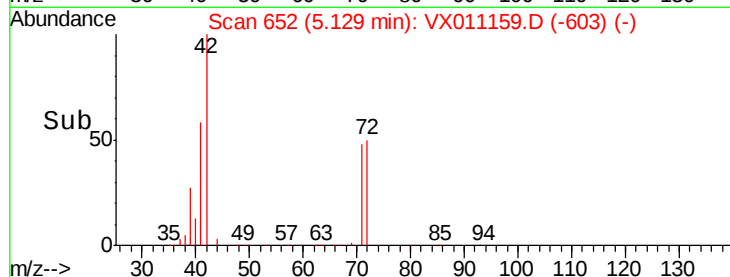
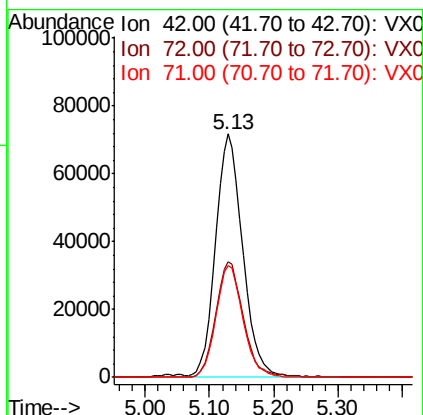
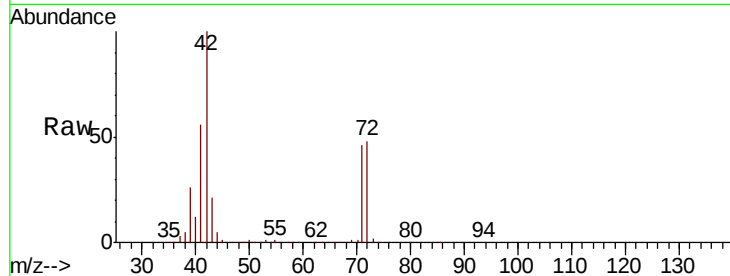




#29
Tetrahydrofuran
Concen: 263.445 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

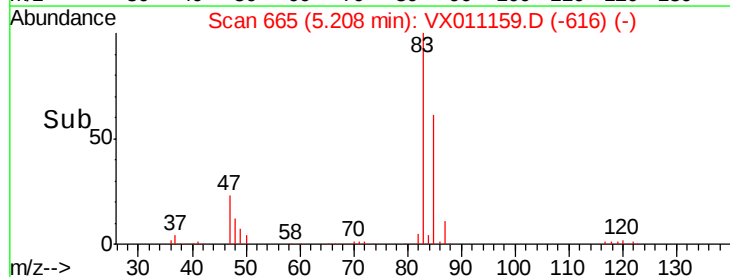
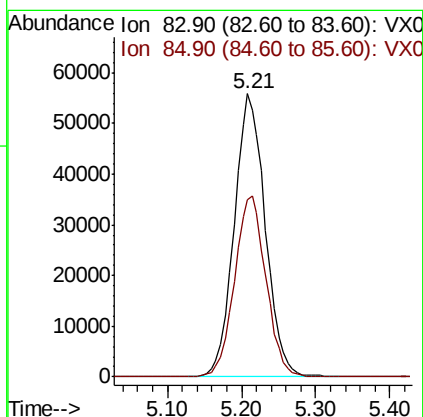
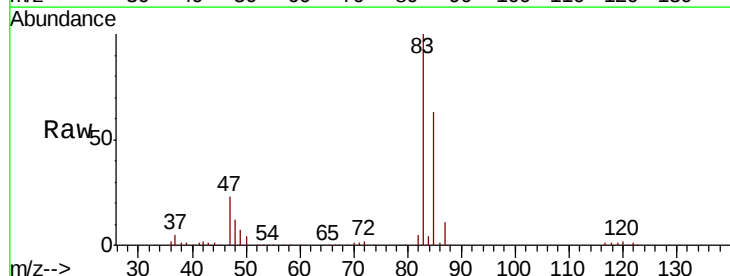
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

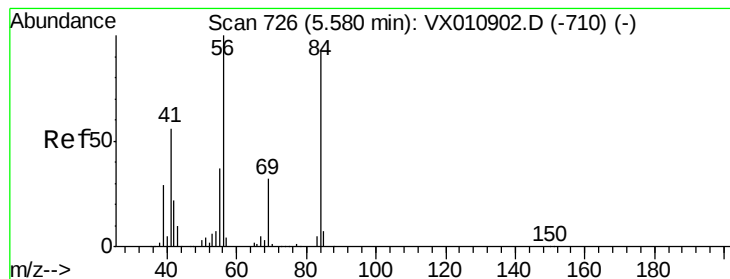
Tot Ion: 42 Resp: 212336
Ion Ratio Lower Upper
42 100
72 48.7 39.8 59.8
71 45.9 37.0 55.4



#30
Chloroform
Concen: 51.550 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 83 Resp: 162896
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0





#31

Cyclohexane

Concen: 46.146 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

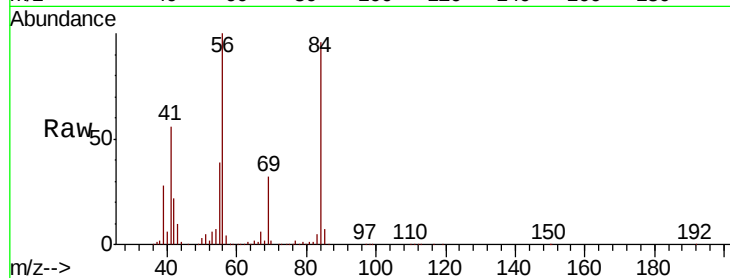
Tot Ion: 56 Resp: 122966

Ion Ratio Lower Upper

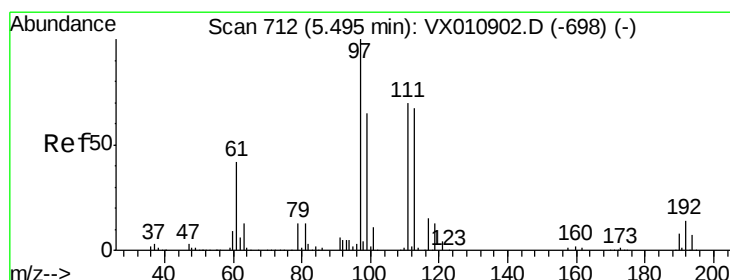
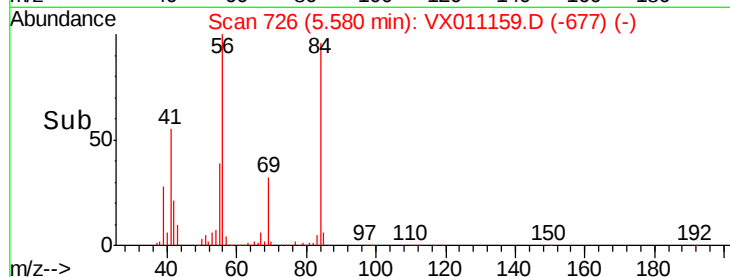
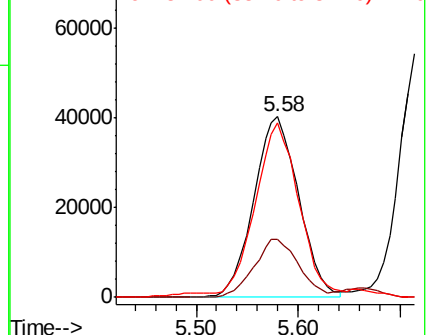
56 100

69 32.4 25.8 38.8

84 94.2 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 52.533 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

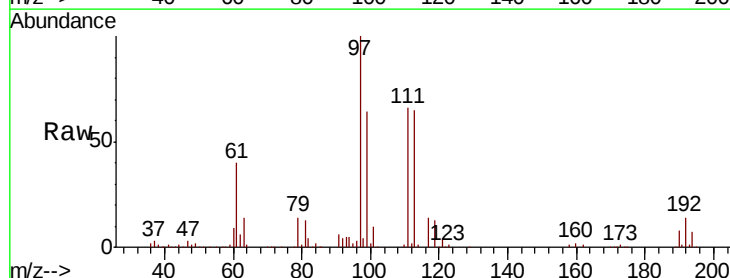
Tgt Ion: 97 Resp: 143619

Ion Ratio Lower Upper

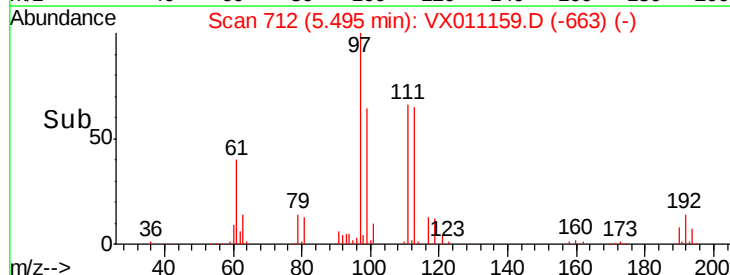
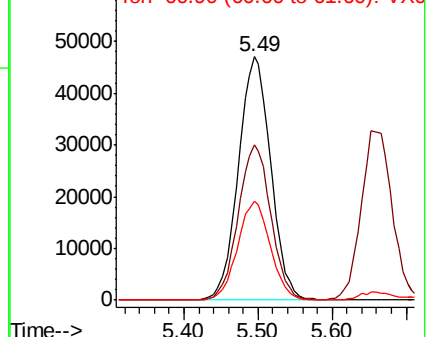
97 100

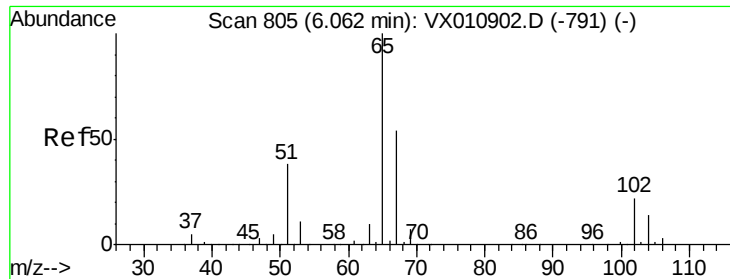
99 64.2 51.4 77.0

61 40.8 33.0 49.6



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

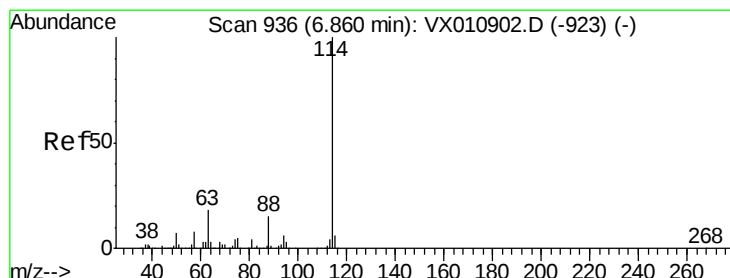
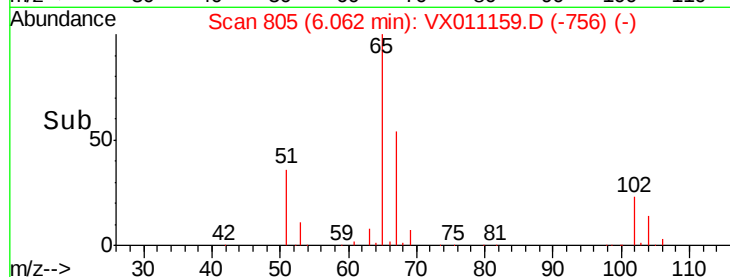
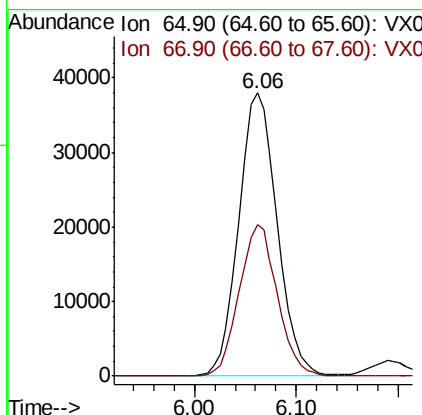
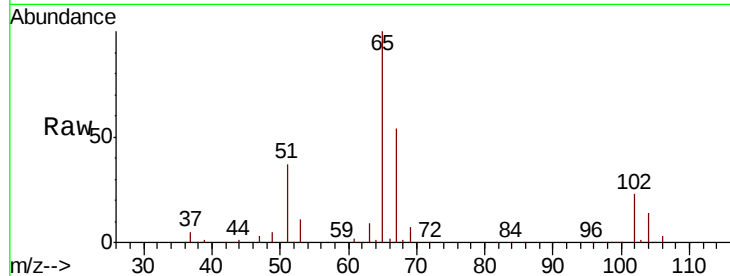




#33
 1,2-Dichloroethane-d4
 Concen: 50.718 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

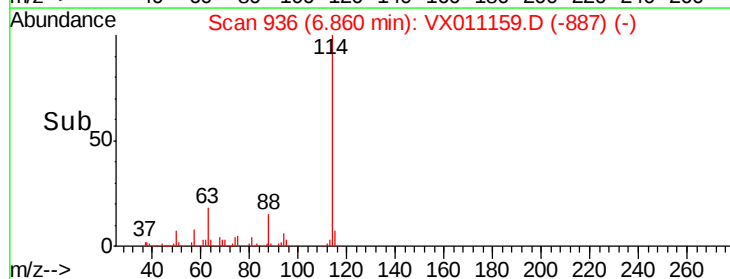
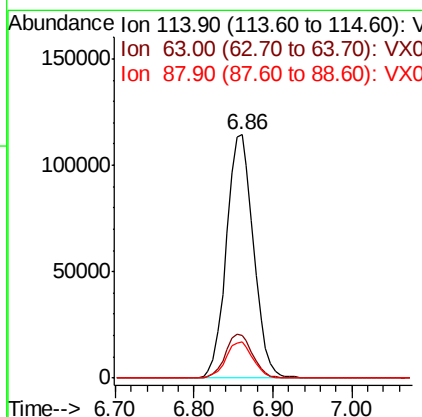
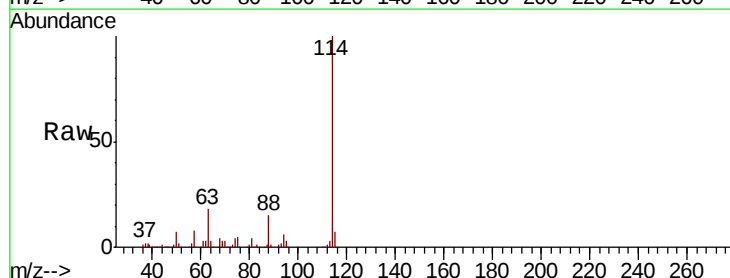
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

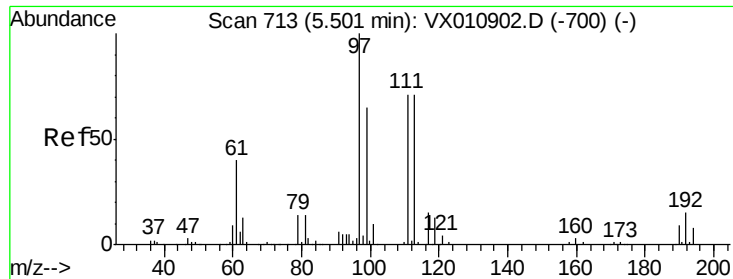
Tot Ion: 65 Resp: 99538
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion: 114 Resp: 273212
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.523 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

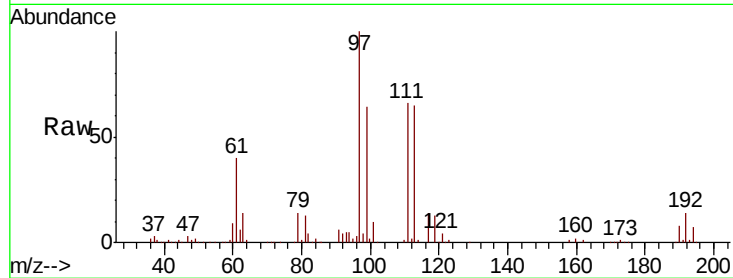
Tot Ion:113 Resp: 89348

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

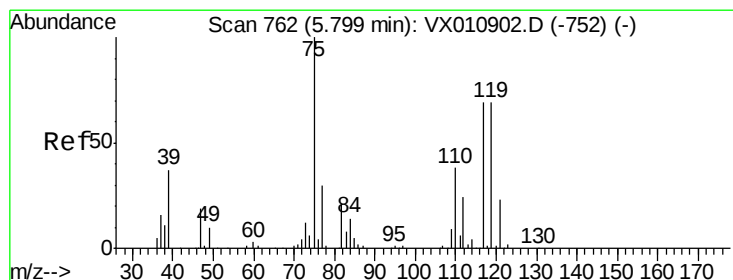
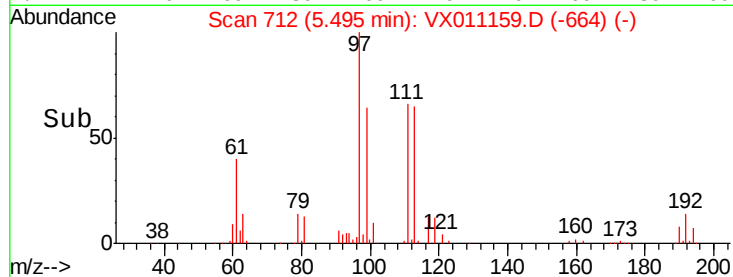
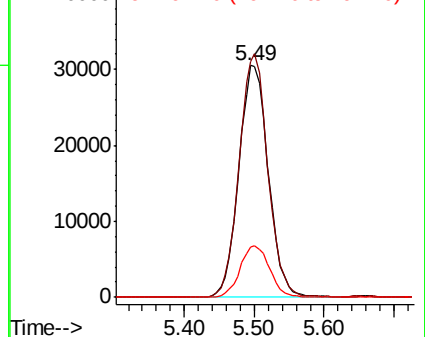
192 22.4 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.076 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

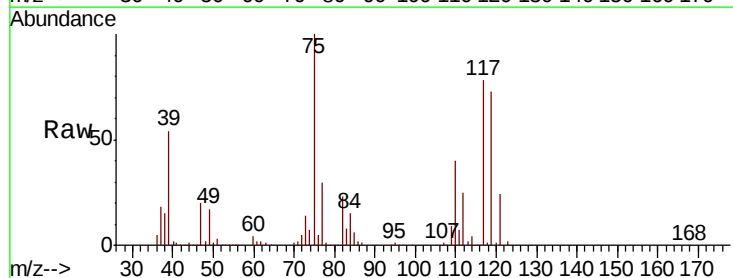
Tgt Ion: 75 Resp: 112379

Ion Ratio Lower Upper

75 100

110 38.6 19.9 59.7

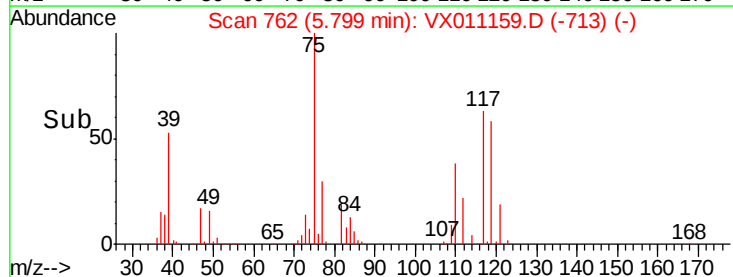
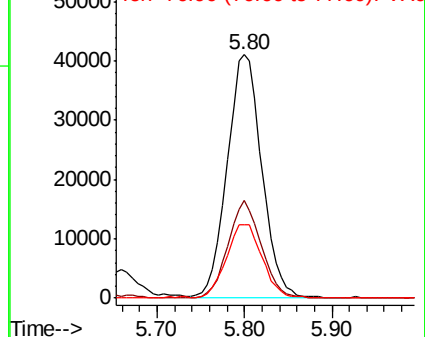
77 31.6 25.0 37.4

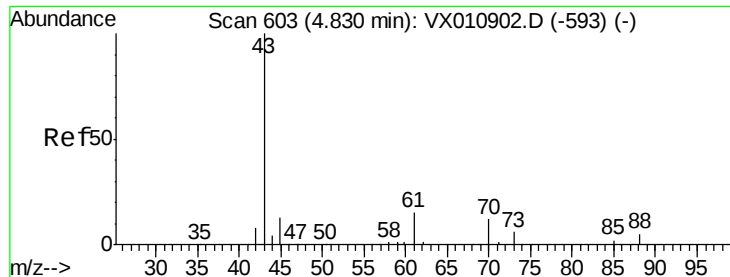


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

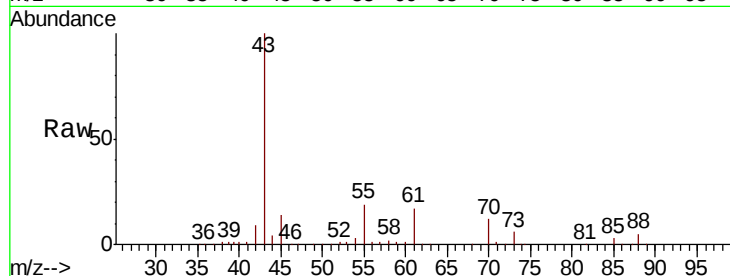




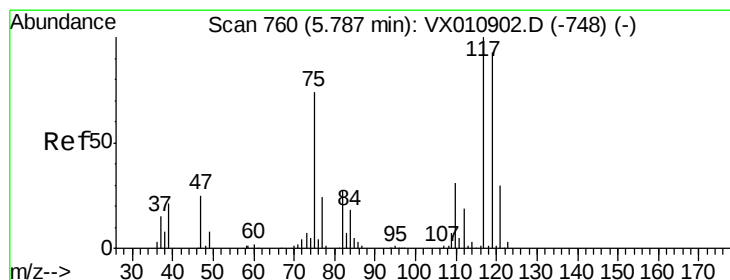
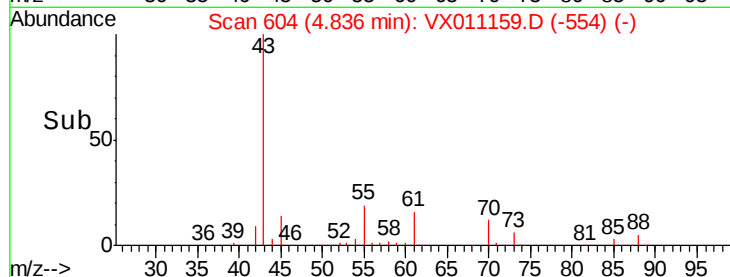
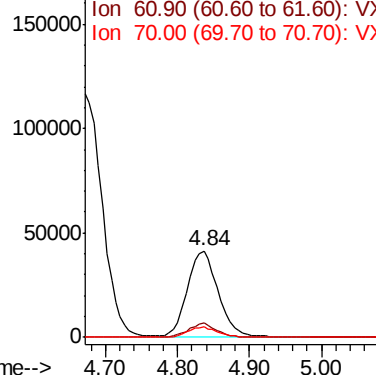
#37
Ethyl Acetate
Concen: 53.280 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 122437
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 11.4 9.1 13.7

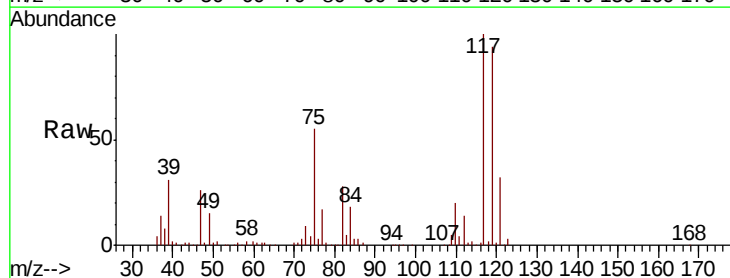


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

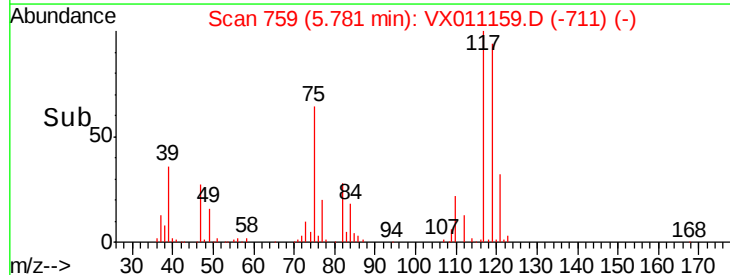
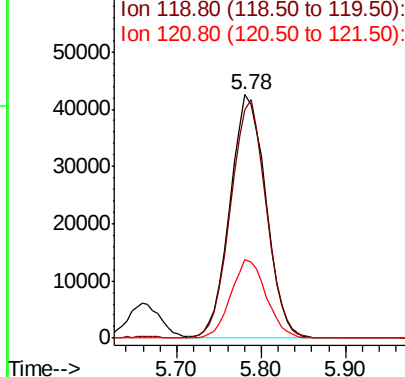


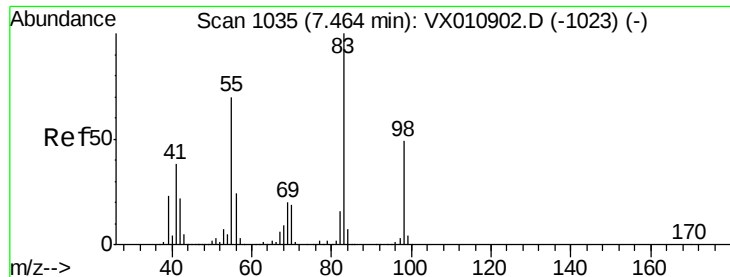
#38
Carbon Tetrachloride
Concen: 52.721 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 117 Resp: 123290
Ion Ratio Lower Upper
117 100
119 93.8 74.2 111.2
121 32.0 24.2 36.2



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

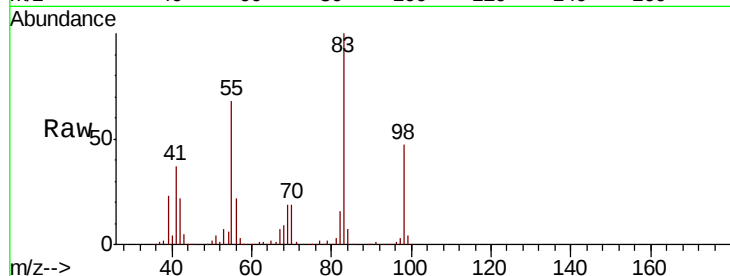




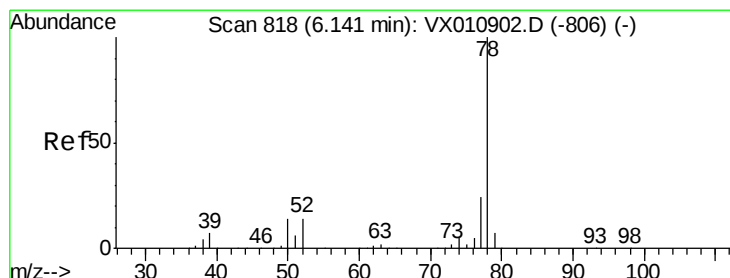
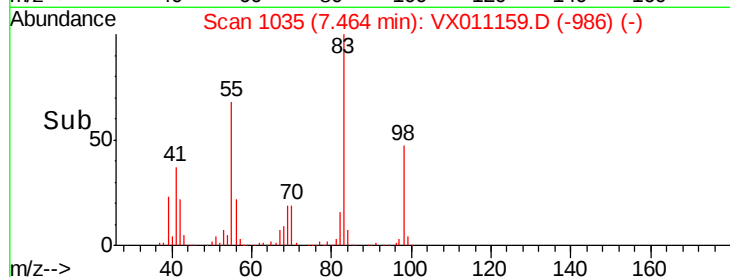
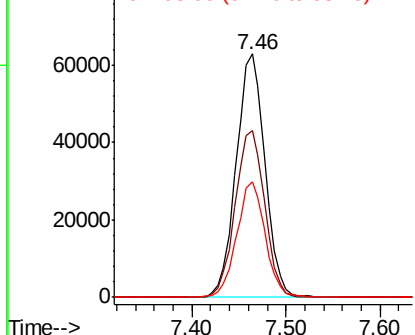
#39
Methvlcvclohexane
Concen: 46.113 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 134203
Ion Ratio Lower Upper
83 100
55 68.3 56.2 84.4
98 47.5 39.0 58.4

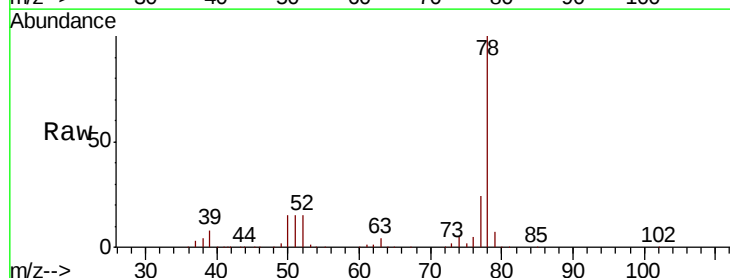


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

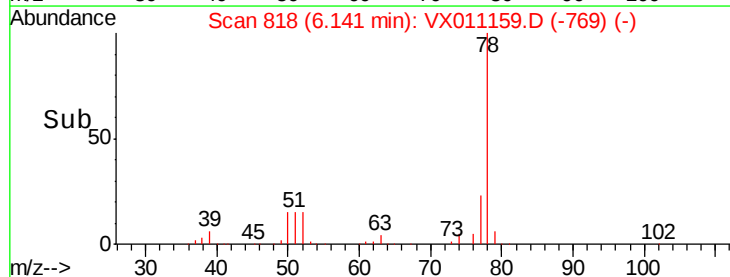
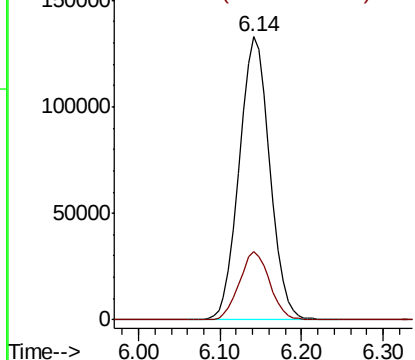


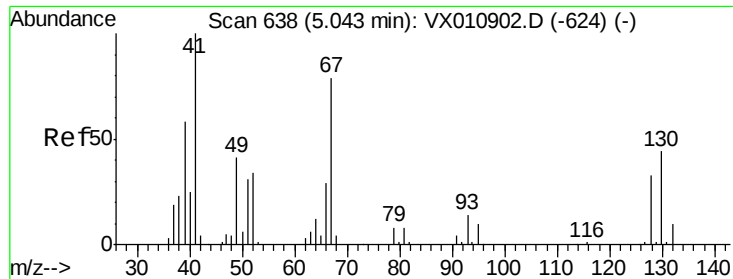
#40
Benzene
Concen: 50.348 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 78 Resp: 346112
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



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





#41

Methacrylonitrile

Concen: 53.083 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 69247

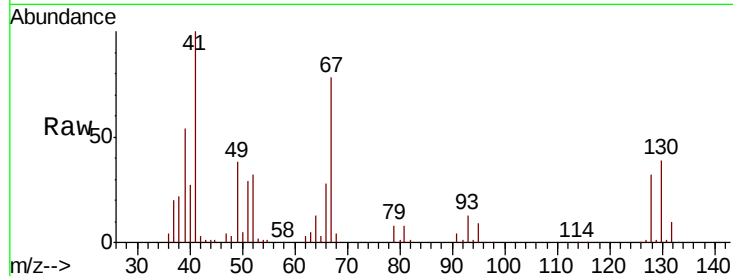
Ion Ratio Lower Upper

41 100

39 56.4 45.4 68.2

67 77.0 65.9 98.9

52 31.2 26.2 39.2



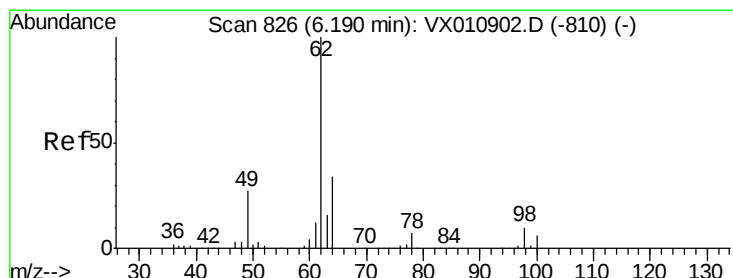
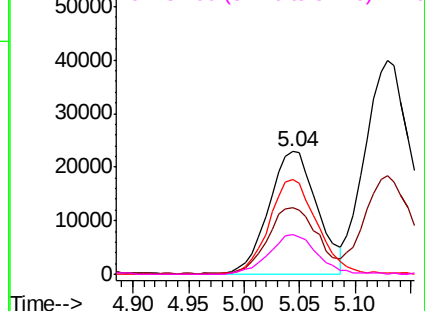
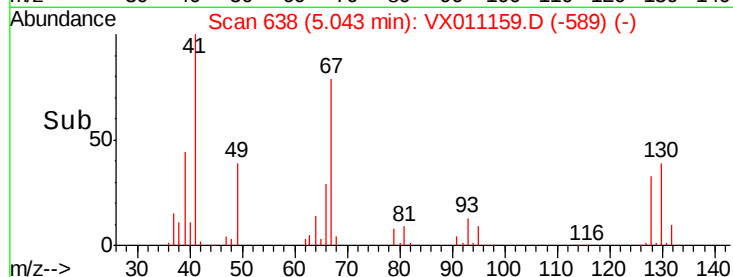
Abundance

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: 52.805 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011159.D

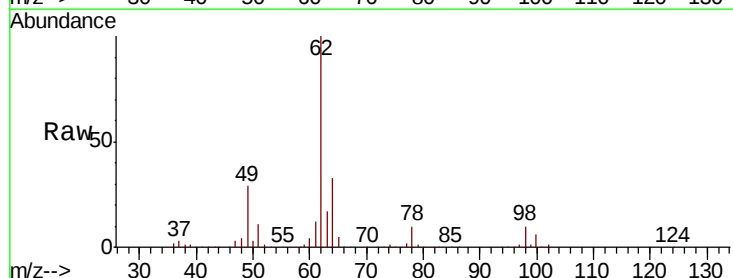
Acq: 29 Jul 2019 20:29

Tgt Ion: 62 Resp: 126216

Ion Ratio Lower Upper

62 100

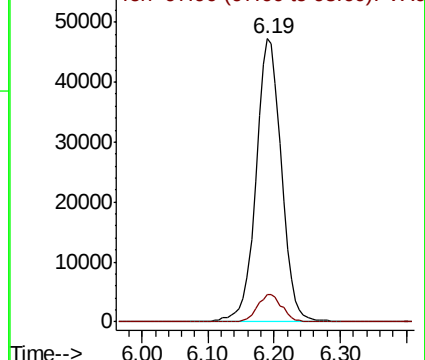
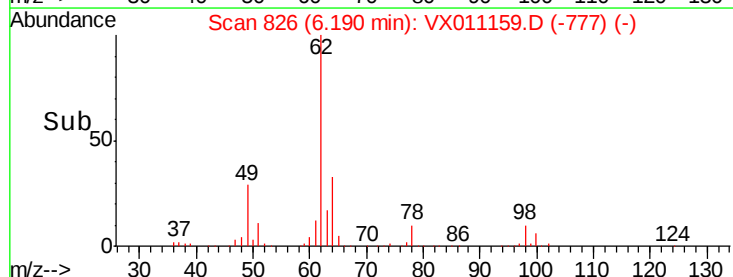
98 9.5 0.0 20.0

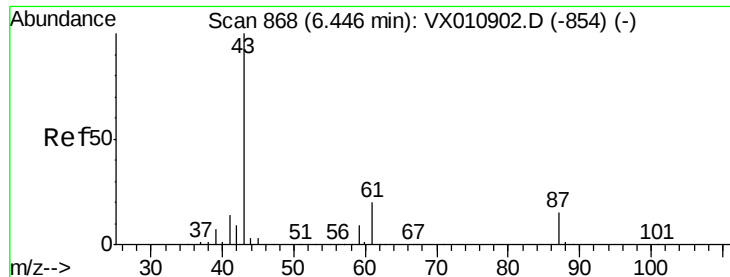


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.097 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

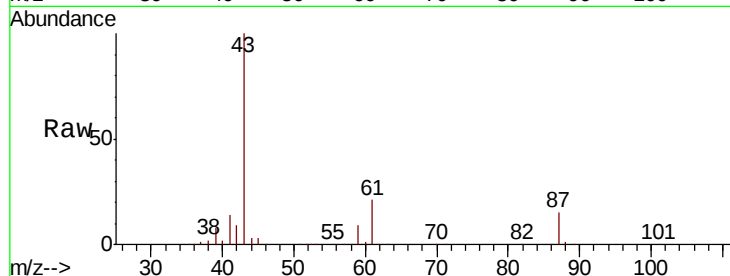
Tot Ion: 43 Resp: 196853

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

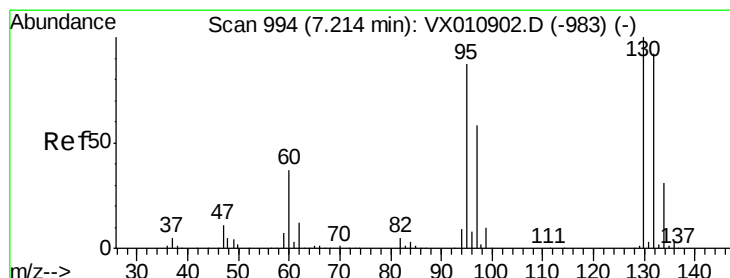
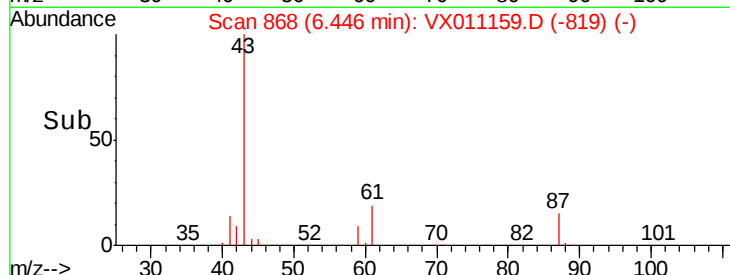
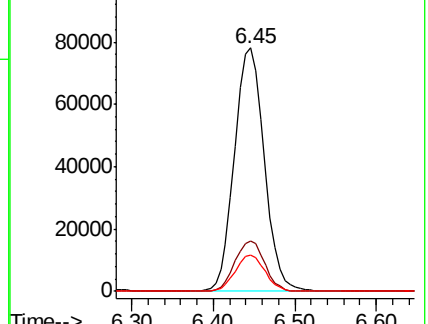
87 14.9 12.0 18.0



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: 49.259 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011159.D

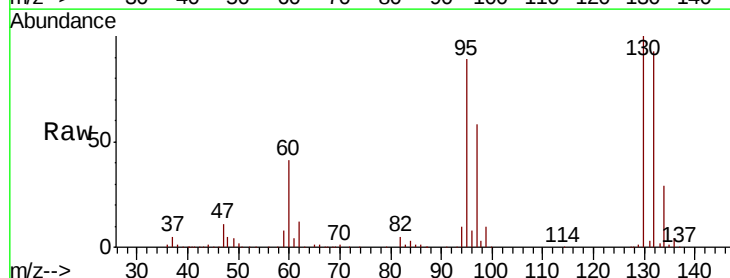
Acq: 29 Jul 2019 20:29

Tgt Ion:130 Resp: 100235

Ion Ratio Lower Upper

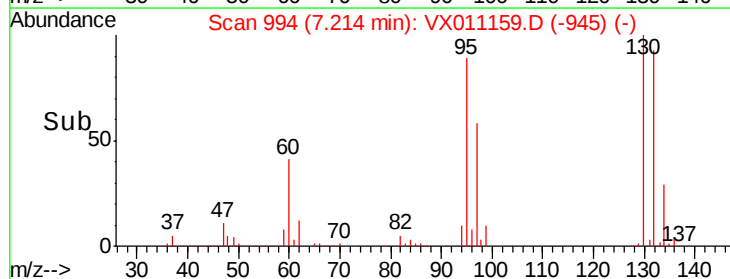
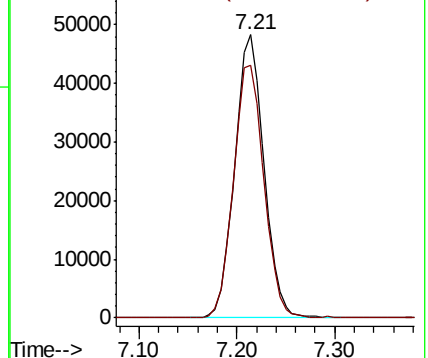
130 100

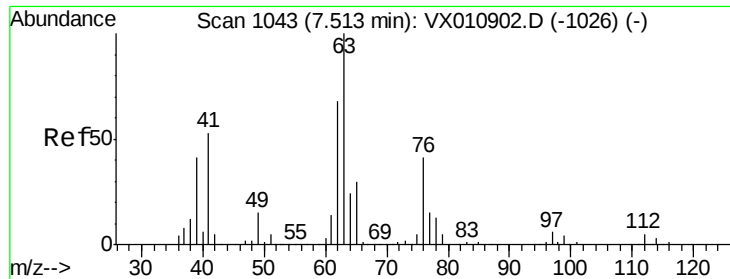
95 89.4 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.324 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

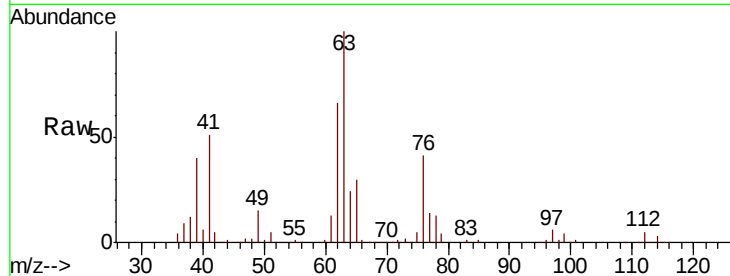
VSTDCCC050EC

Tot Ion: 63 Resp: 89800

Ion Ratio Lower Upper

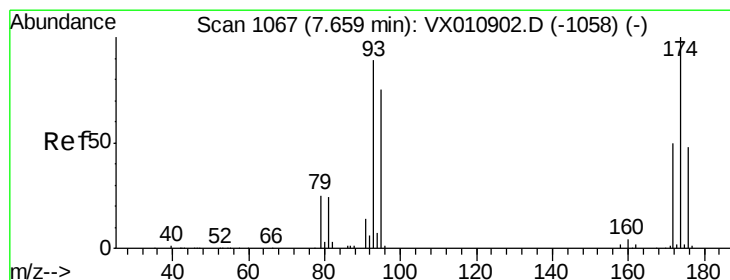
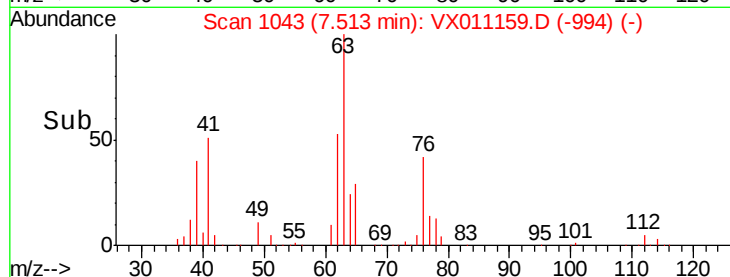
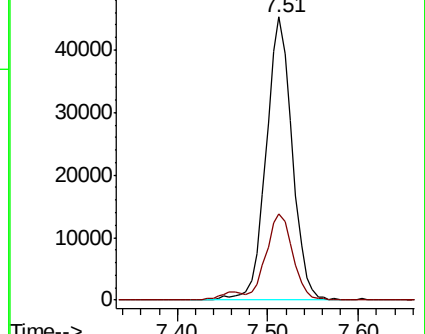
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.730 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

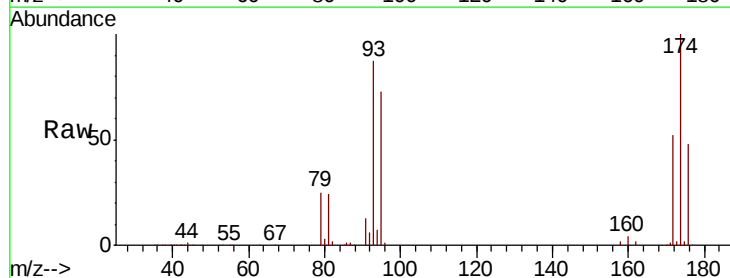
Tgt Ion: 93 Resp: 65926

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

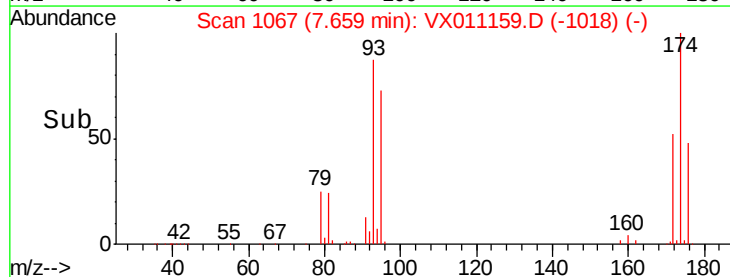
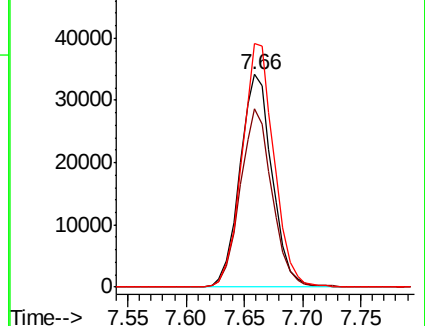
174 113.5 90.6 135.8

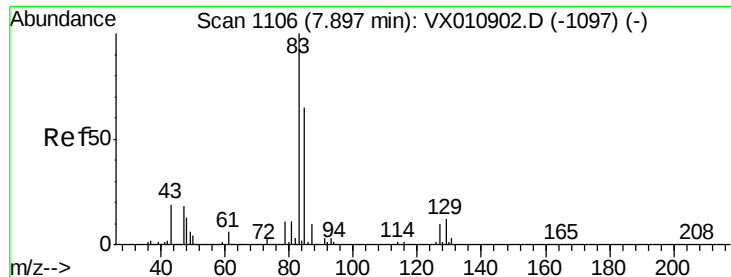


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

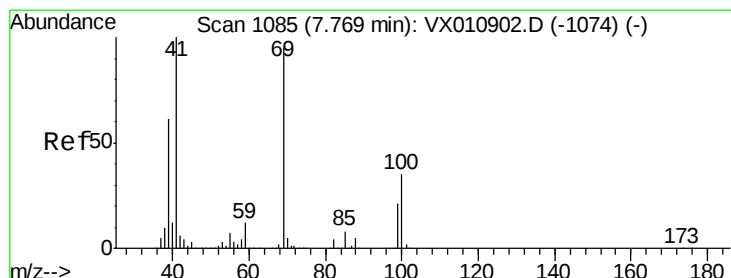
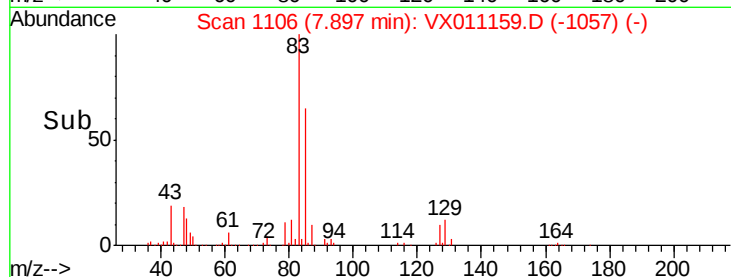
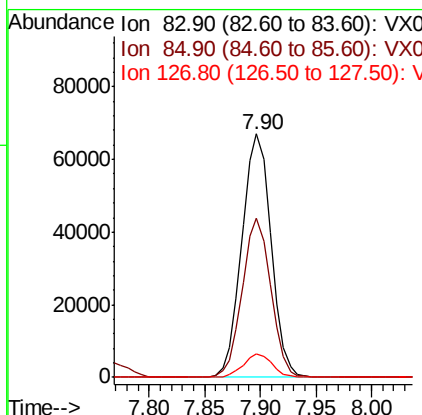
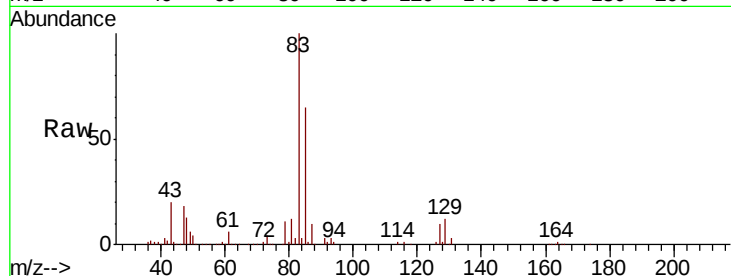




#47
Bromodichloromethane
Concen: 54.987 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

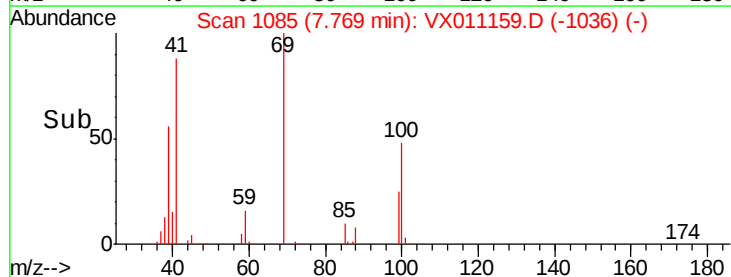
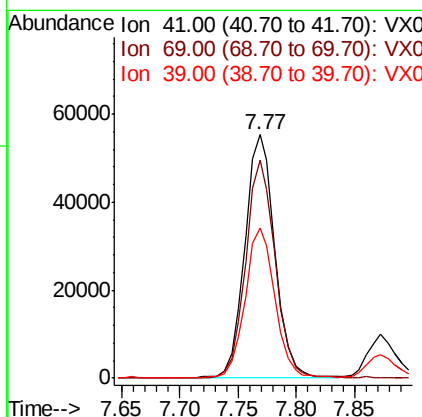
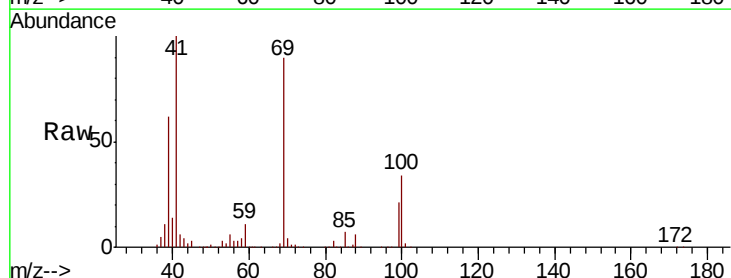
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

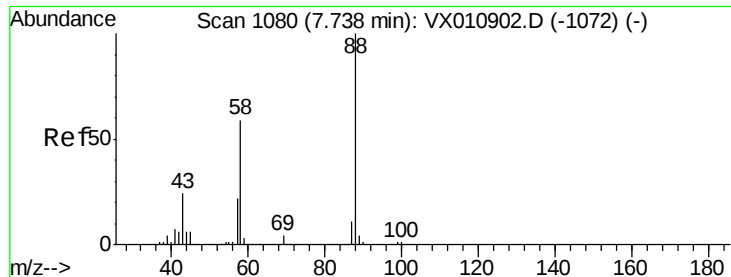
Tot Ion: 83 Resp: 122377
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7
127 9.8 7.8 11.8



#48
Methyl methacrylate
Concen: 53.516 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 41 Resp: 98509
Ion Ratio Lower Upper
41 100
69 89.2 74.4 111.6
39 60.9 48.9 73.3

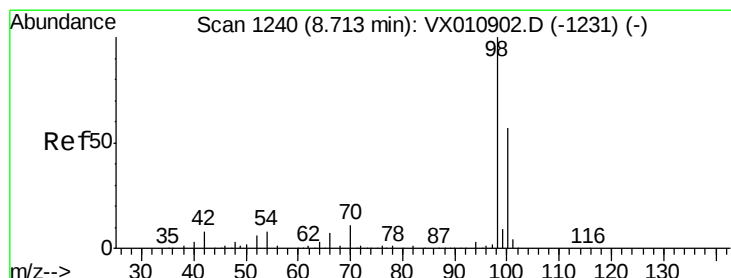
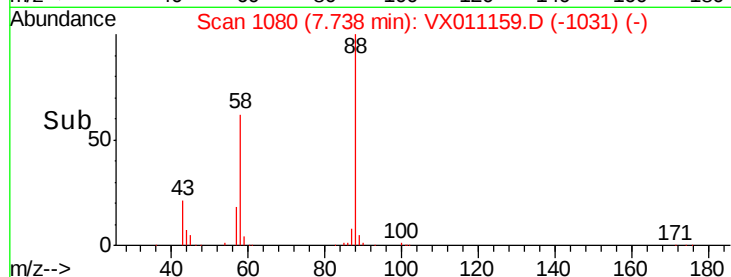
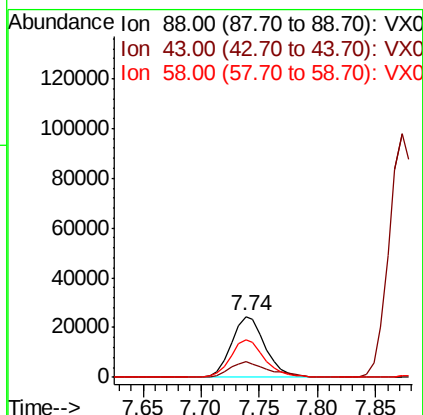
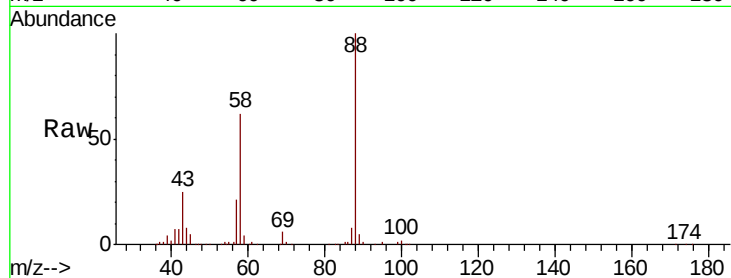




#49
 1,4-Dioxane
 Concen: 946.966 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

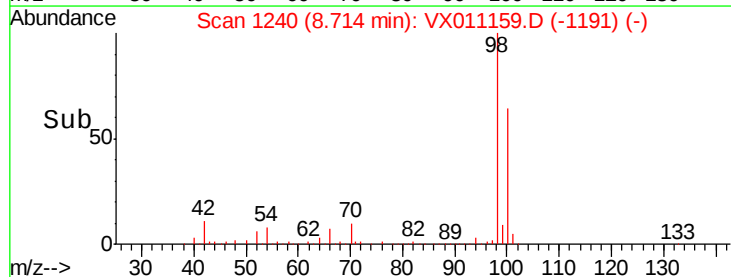
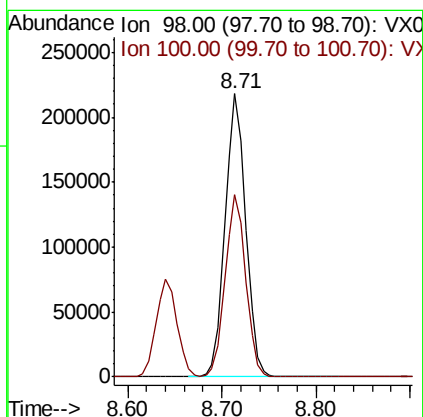
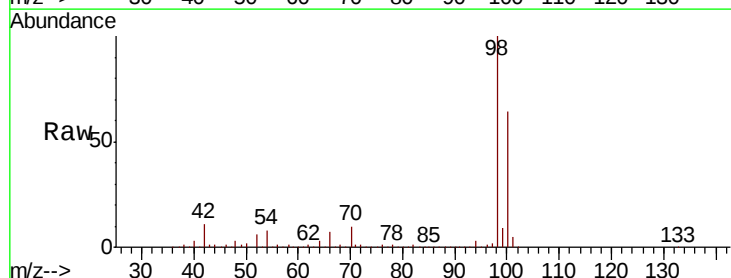
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 48759
 Ion Ratio Lower Upper
 88 100
 43 29.9 22.9 34.3
 58 63.3 49.8 74.8



#50
 Toluene-d8
 Concen: 50.810 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion: 98 Resp: 330474
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 276.627 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

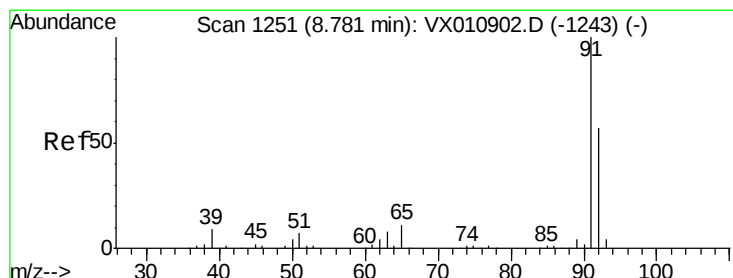
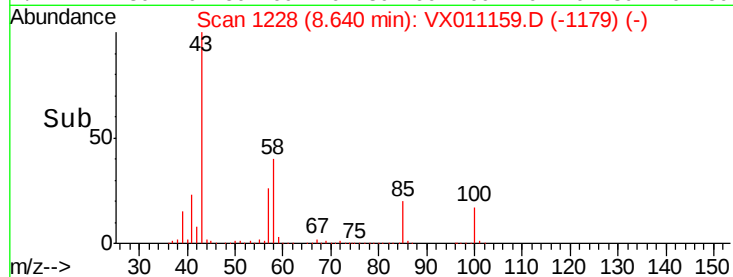
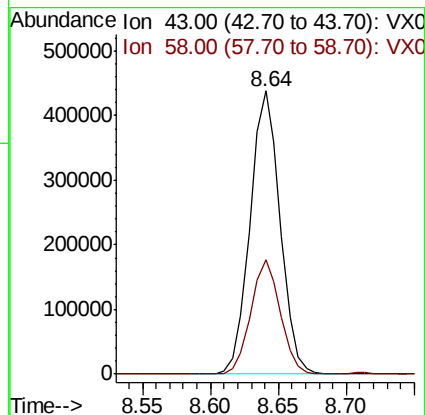
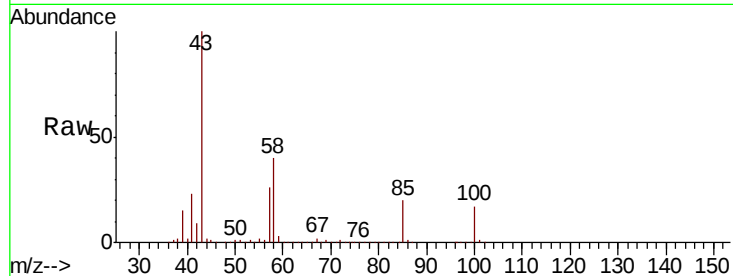
VSTDCCC050EC

Tot Ion: 43 Resp: 677575

Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.4



#52

Toluene

Concen: 50.801 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011159.D

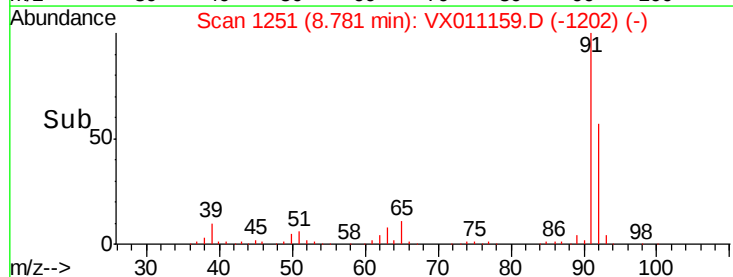
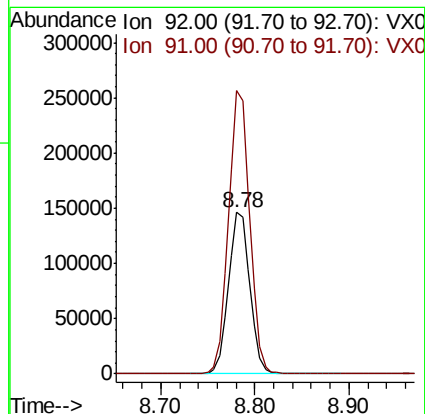
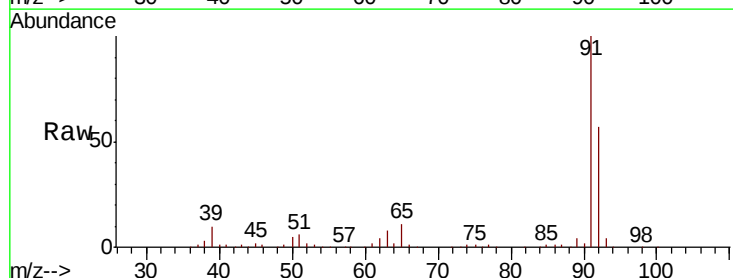
Acq: 29 Jul 2019 20:29

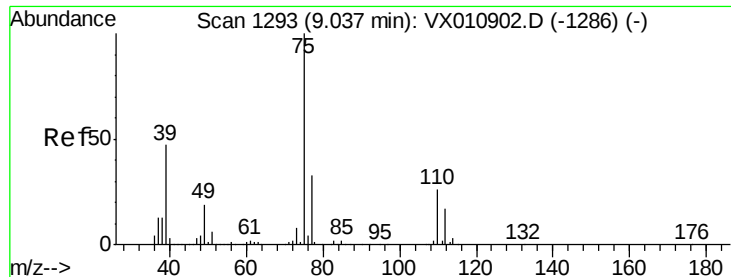
Tgt Ion: 92 Resp: 229416

Ion Ratio Lower Upper

92 100

91 174.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 54.136 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

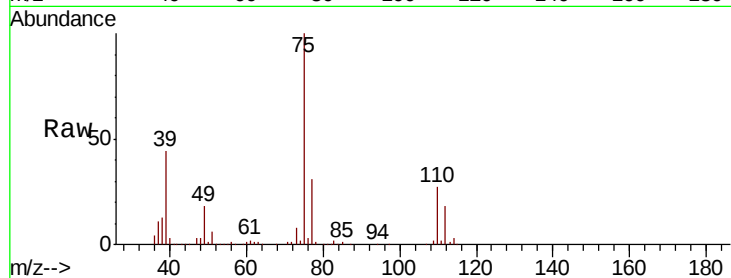
VSTDCCC050EC

Tot Ion: 75 Resp: 129550

Ion Ratio Lower Upper

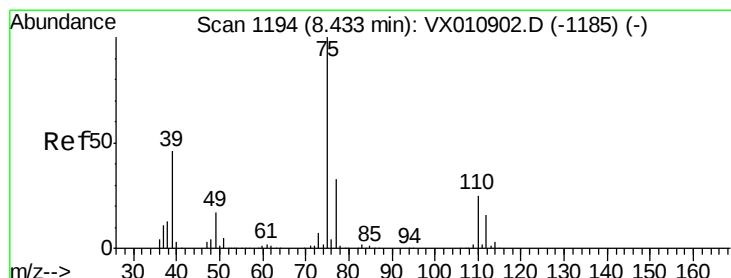
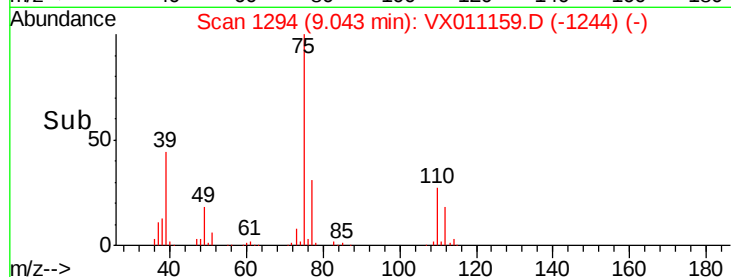
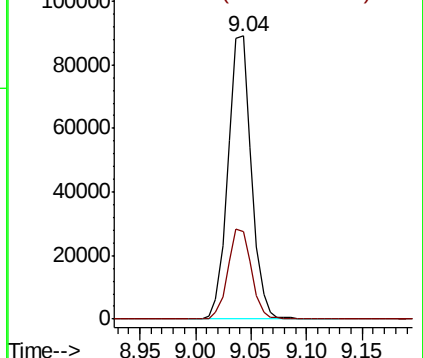
75 100

77 30.7 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.656 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

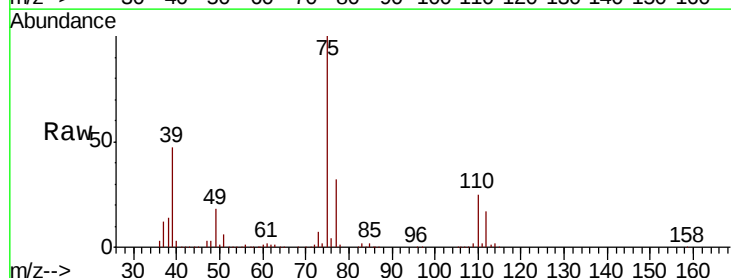
Tgt Ion: 75 Resp: 140213

Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

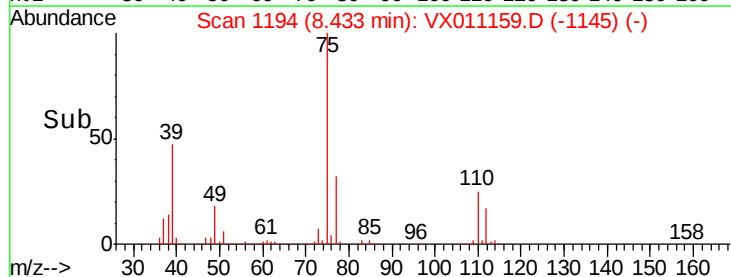
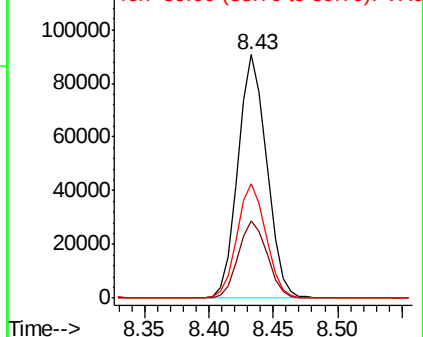
39 46.9 36.6 54.8

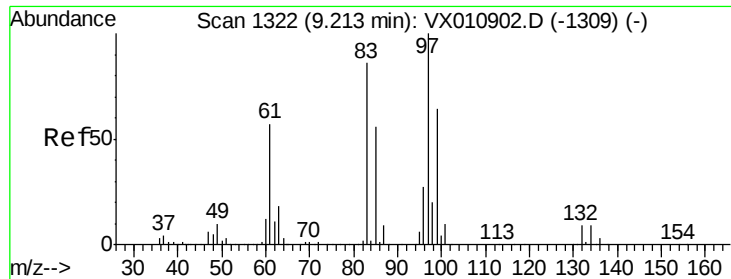


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.216 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 98952

Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.2	103.8
85	56.0	44.6	66.8
99	64.4	51.2	76.8

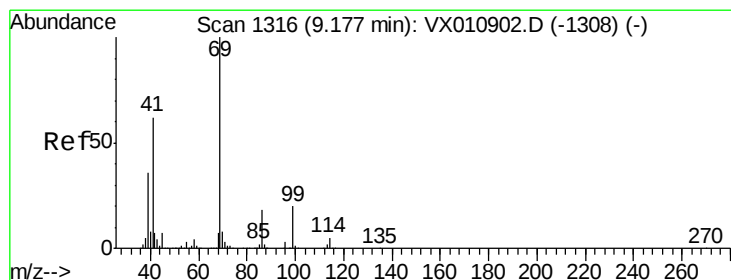
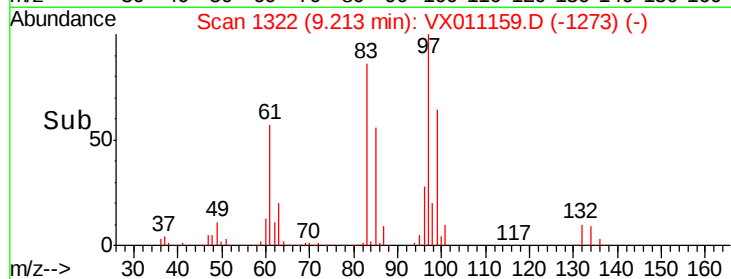
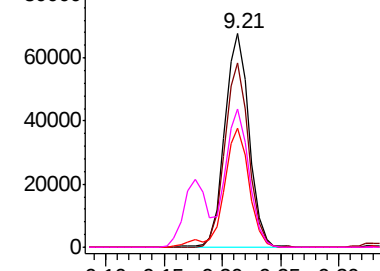
Abundance

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: 55.036 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion: 69 Resp: 149693

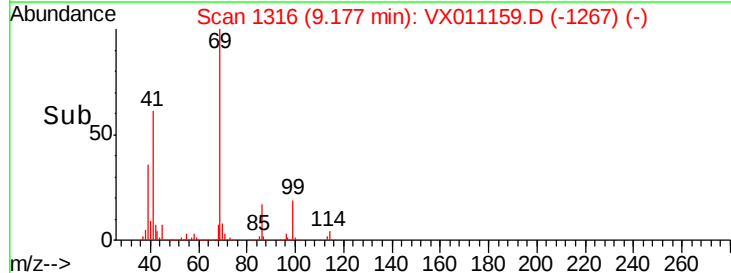
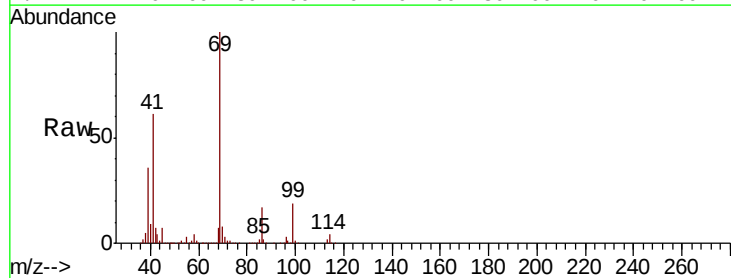
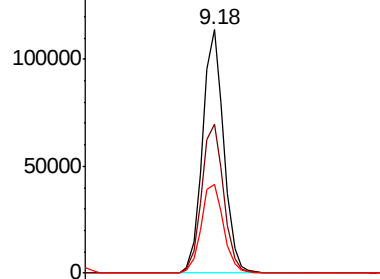
Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.7	74.5
39	38.0	29.6	44.4

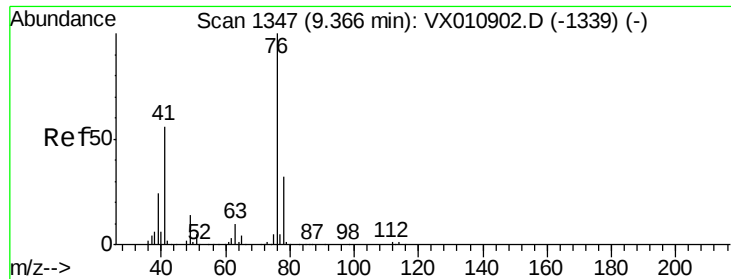
Abundance

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: 52.321 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

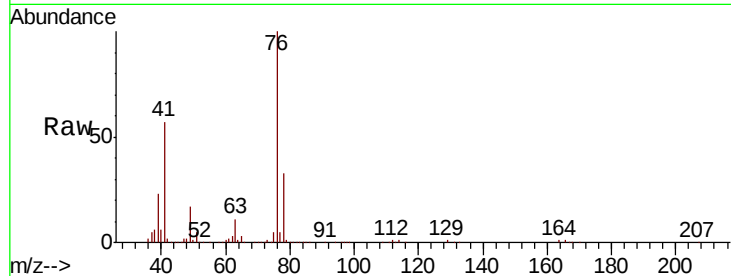
VSTDCCC050EC

Tot Ion: 76 Resp: 154334

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

60000

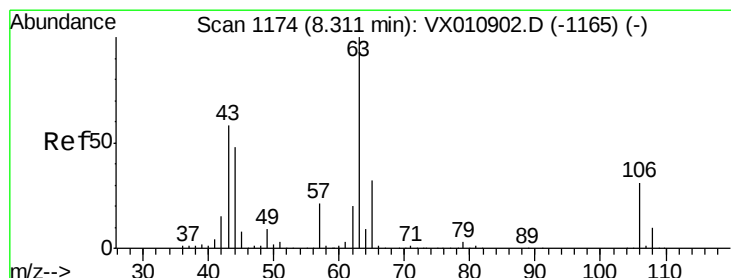
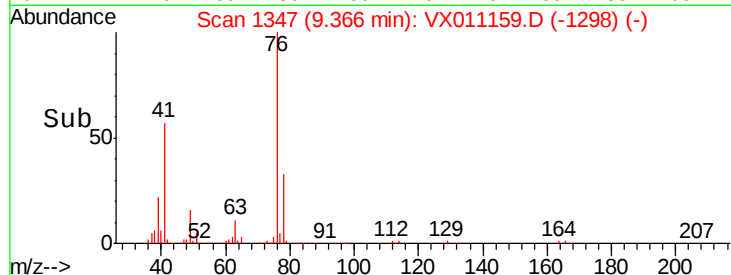
40000

20000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 269.657 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011159.D

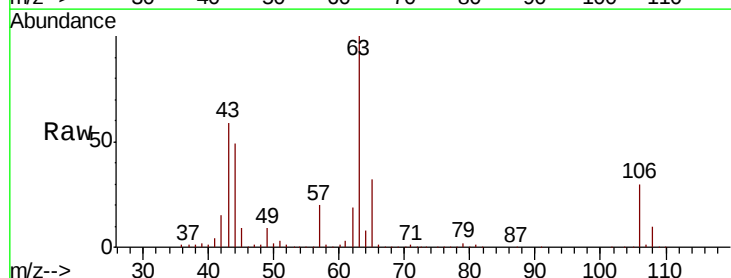
Acq: 29 Jul 2019 20:29

Tgt Ion: 63 Resp: 350119

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

150000

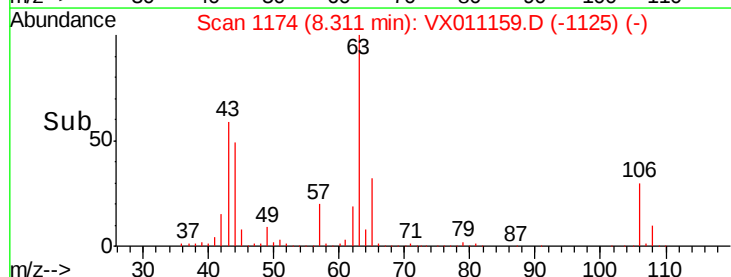
100000

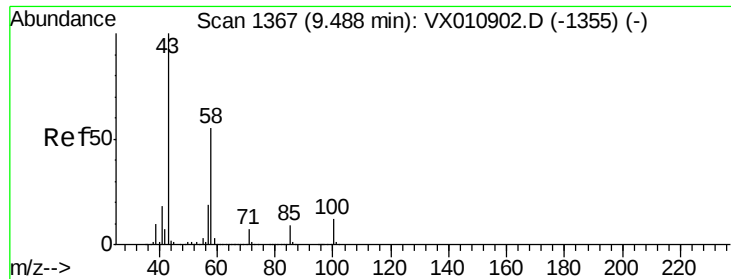
50000

0

Time-->

8.20 8.30 8.40

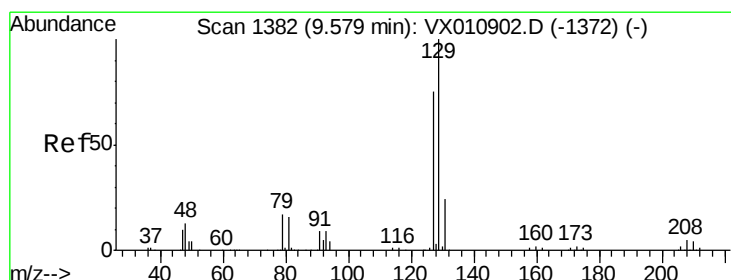
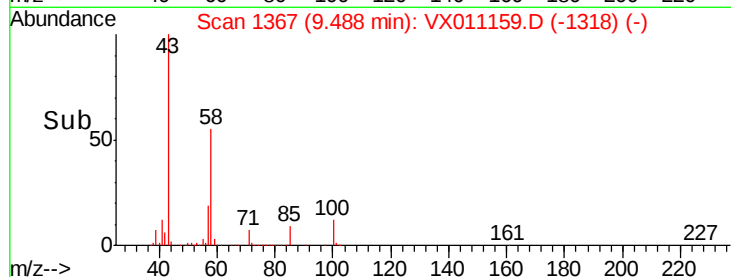
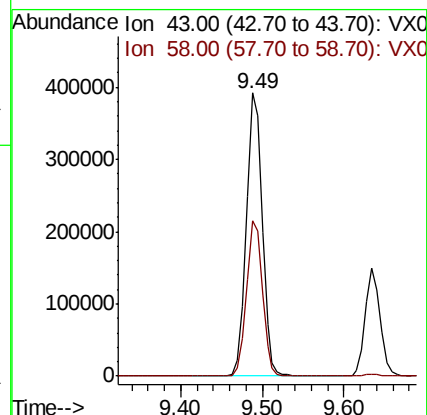
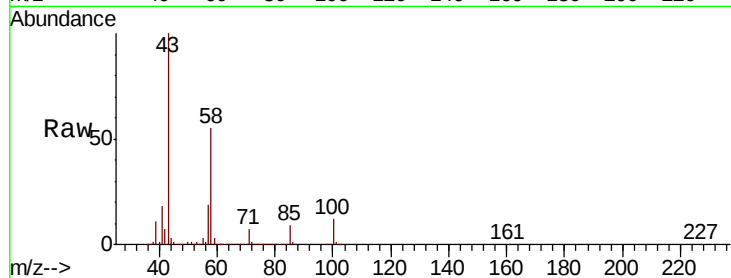




#59
2-Hexanone
Concen: 275.571 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

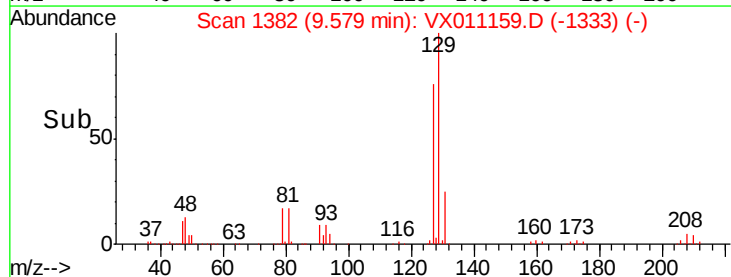
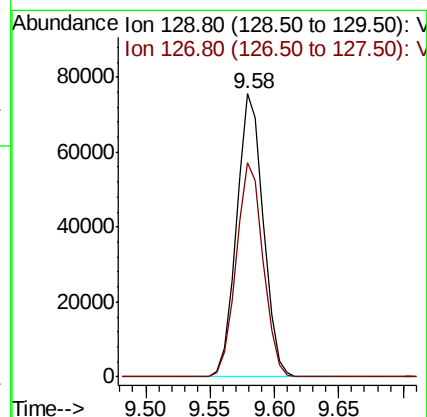
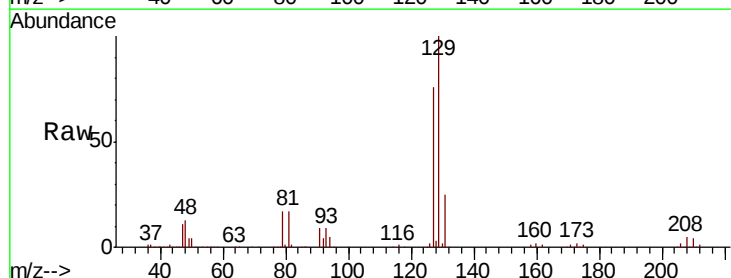
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 523533
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9



#60
Dibromochloromethane
Concen: 50.913 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 129 Resp: 109057
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.933 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

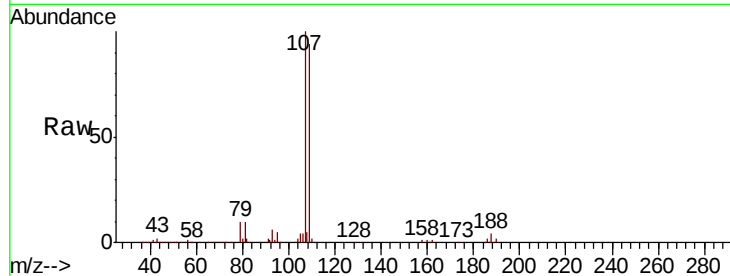
VSTDCCC050EC

Tot Ion:107 Resp: 106429

Ion Ratio Lower Upper

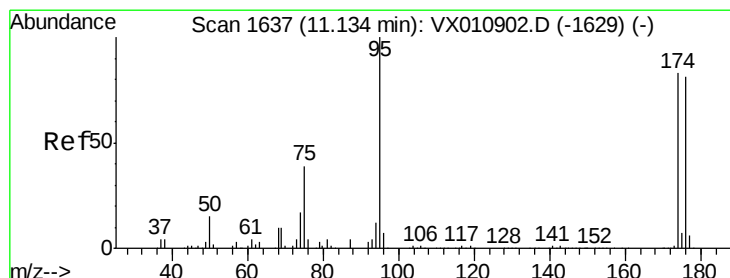
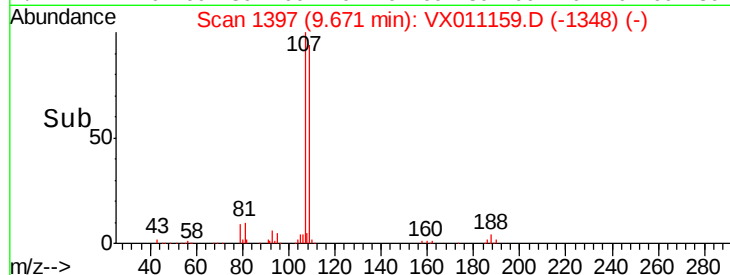
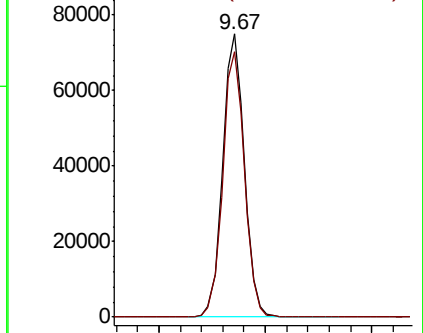
107 100

109 94.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

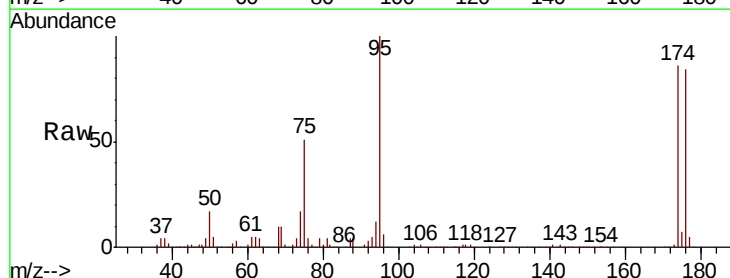
Tgt Ion: 95 Resp: 127316

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.6

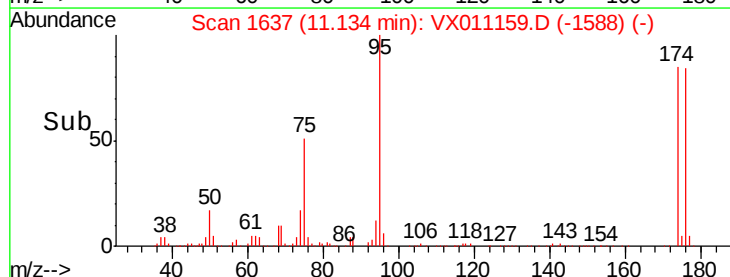
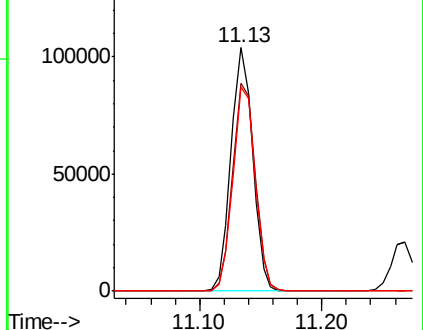
176 85.8 0.0 173.8



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

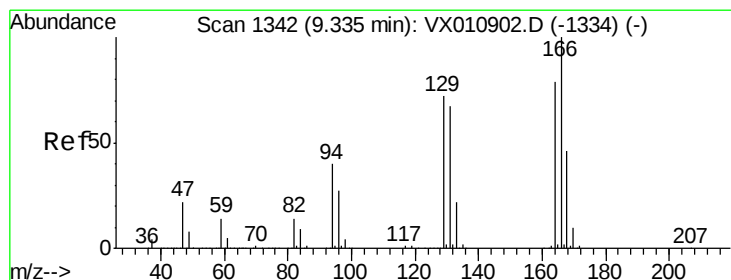
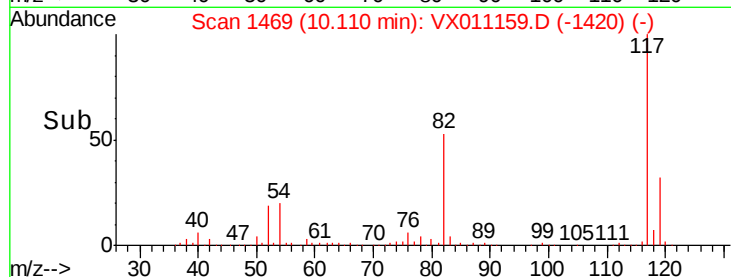
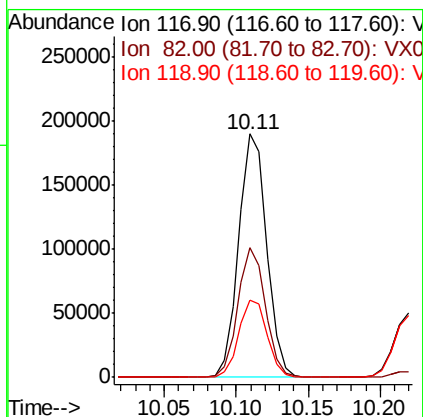
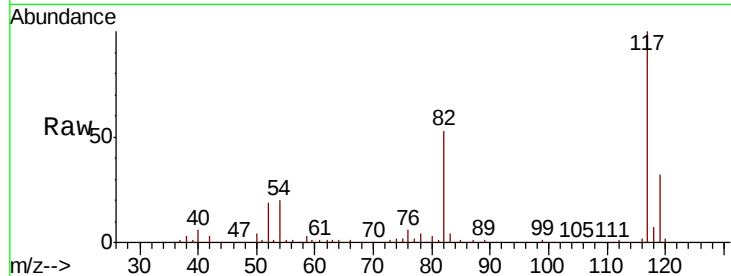




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

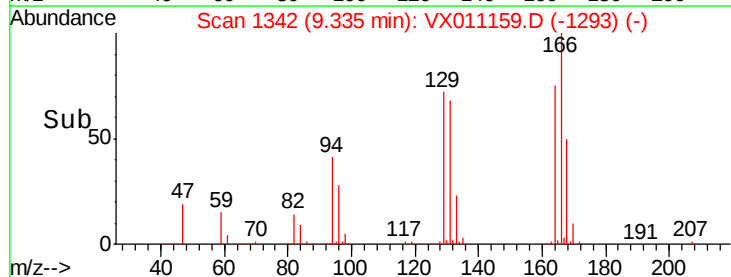
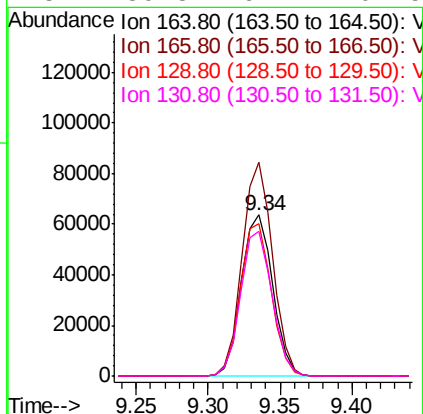
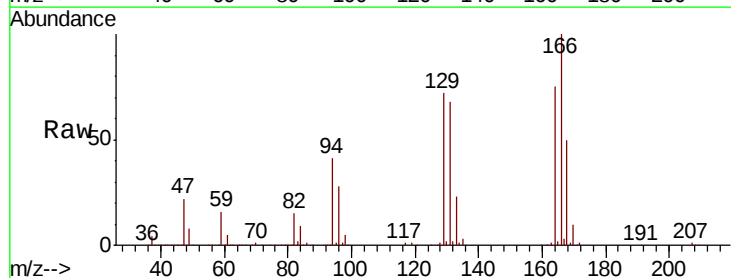
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

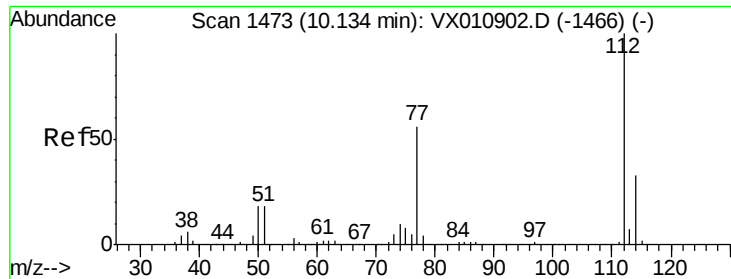
Tot Ion:117 Resp: 256560
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 47.413 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:164 Resp: 95694
Ion Ratio Lower Upper
164 100
166 132.5 100.8 151.2
129 94.8 72.6 109.0
131 89.8 67.7 101.5

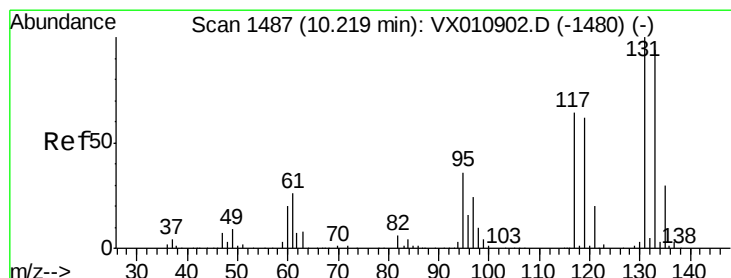
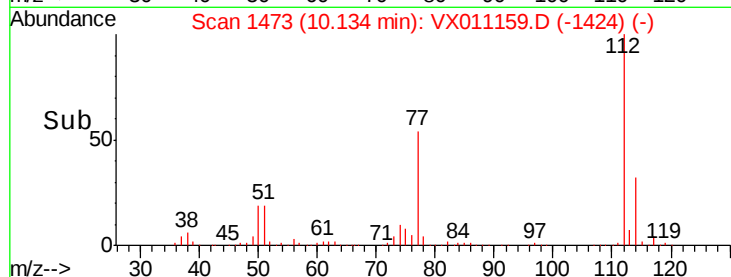
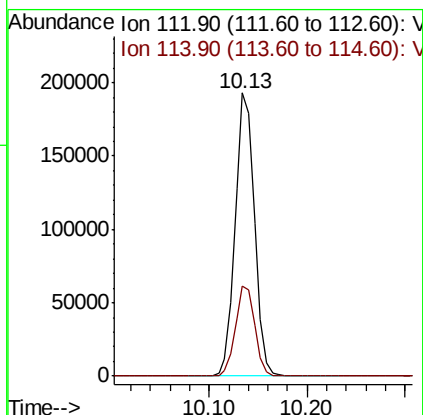
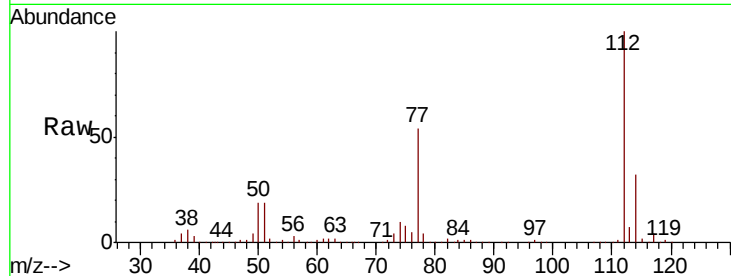




#65
Chlorobenzene
Concen: 50.052 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

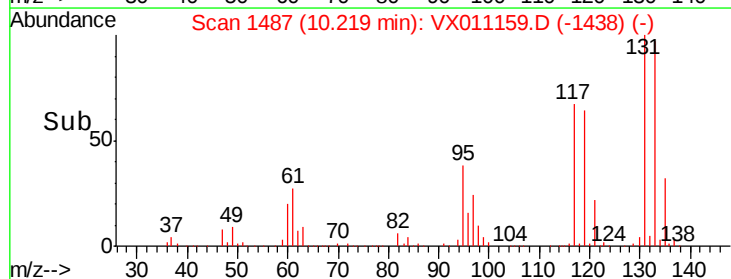
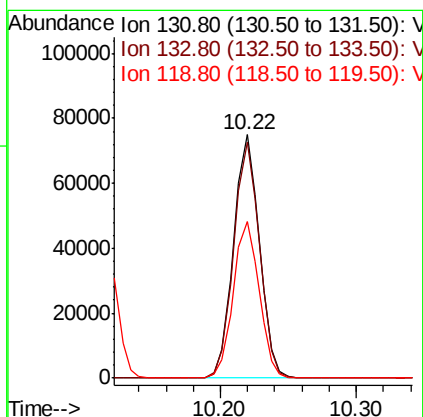
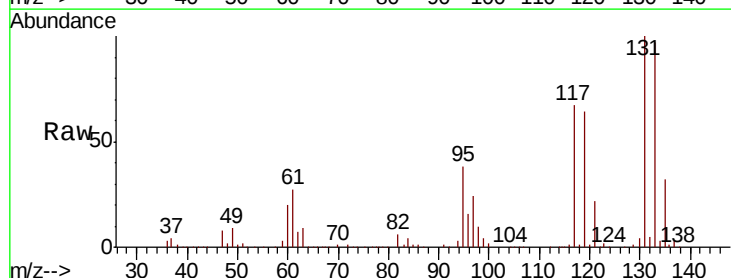
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

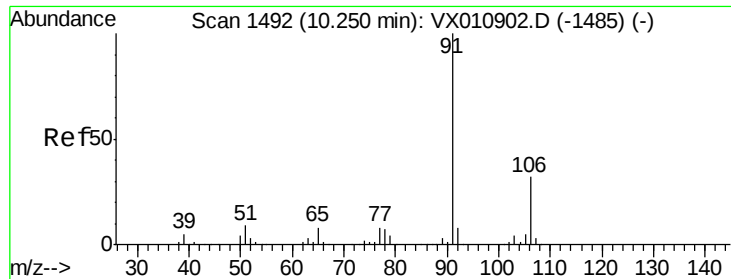
Tot Ion:112 Resp: 263752
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.408 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:131 Resp: 98911
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 64.8 31.9 95.7





#67

Ethyl Benzene

Concen: 50.958 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

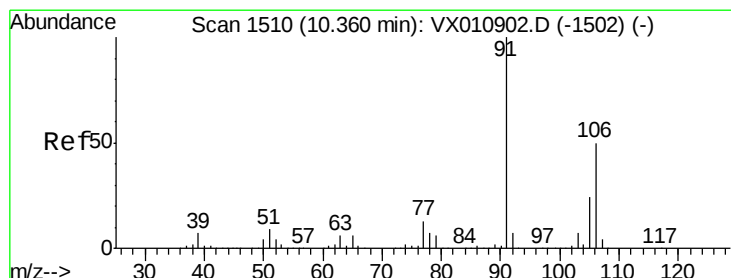
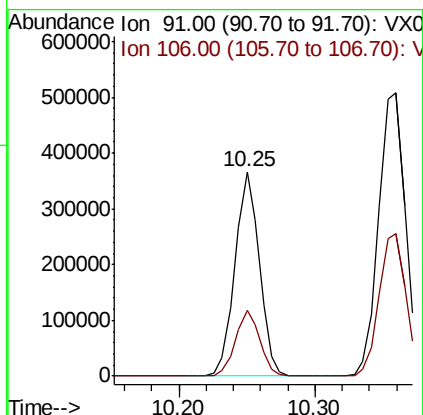
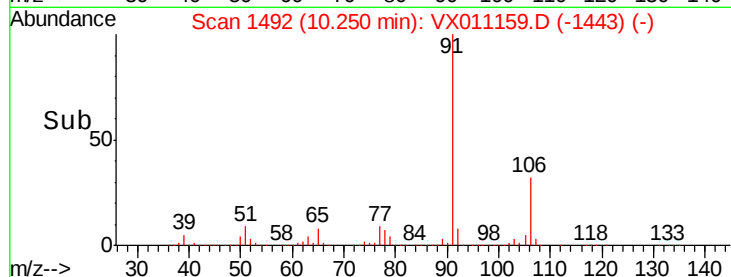
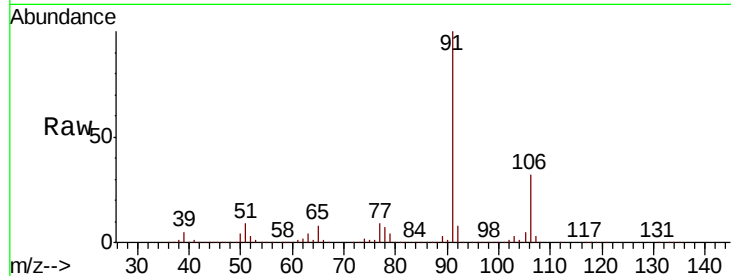
VSTDCCC050EC

Tot Ion: 91 Resp: 457066

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.2



#68

m/p-Xylenes

Concen: 101.839 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011159.D

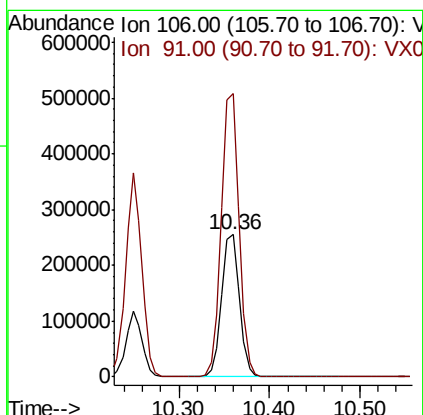
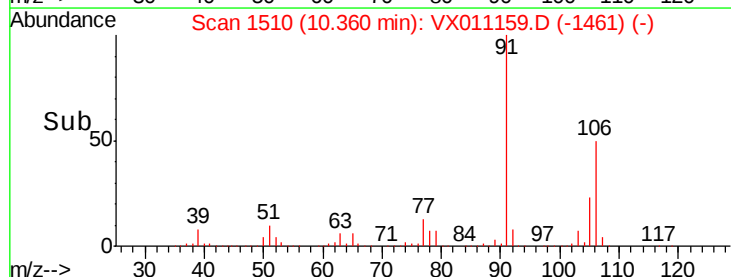
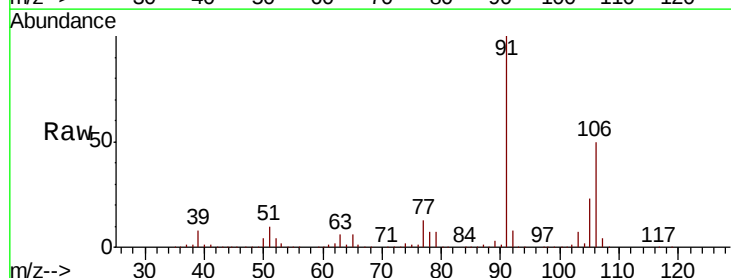
Acq: 29 Jul 2019 20:29

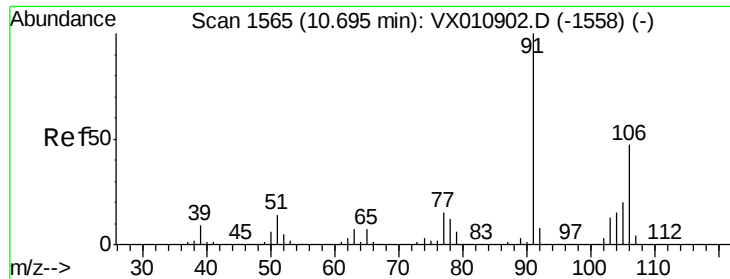
Tgt Ion: 106 Resp: 350386

Ion Ratio Lower Upper

106 100

91 199.1 160.1 240.1

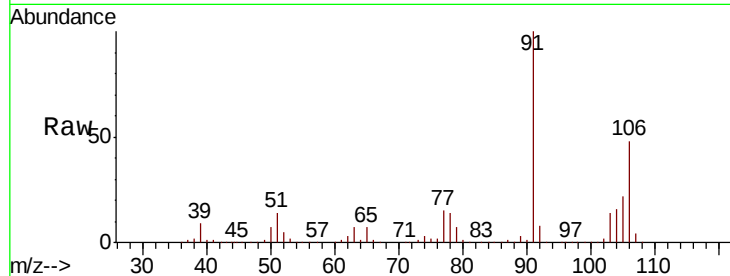




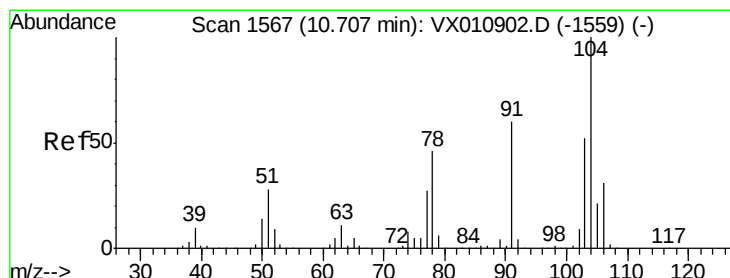
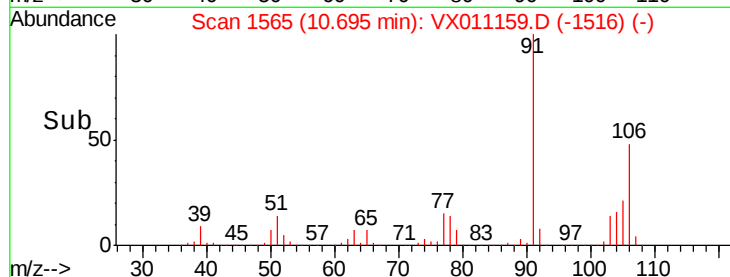
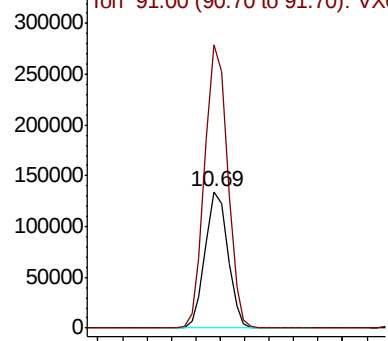
#69
o-Xylene
Concen: 51.435 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 172710
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3

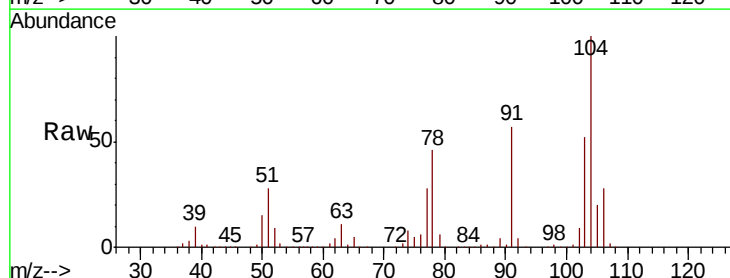


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

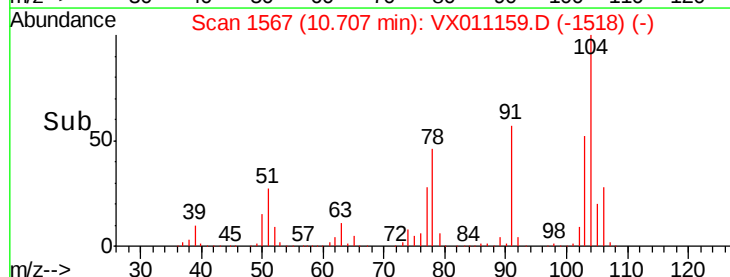
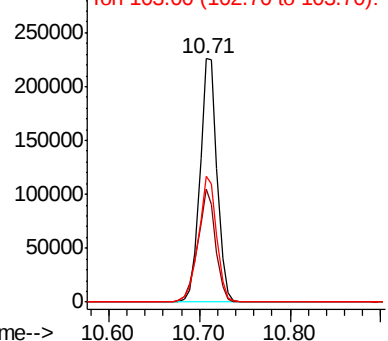


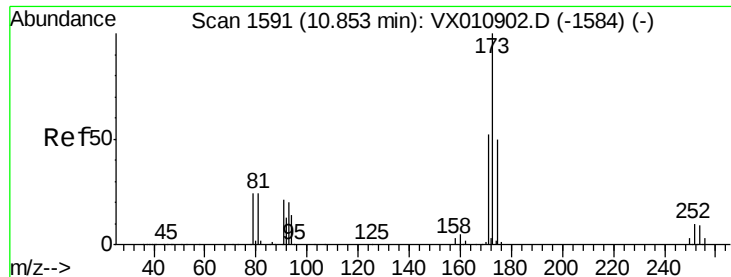
#70
Styrene
Concen: 53.776 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:104 Resp: 301012
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 54.8 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: 49.428 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

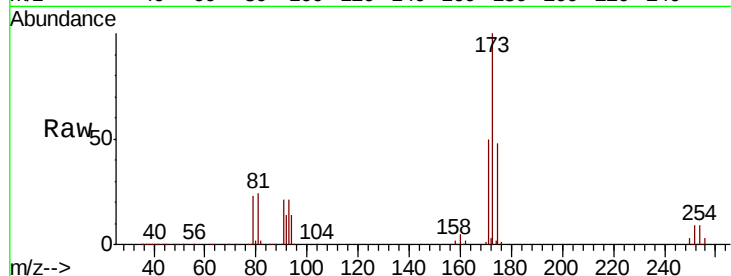
Tot Ion:173 Resp: 83297

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.6

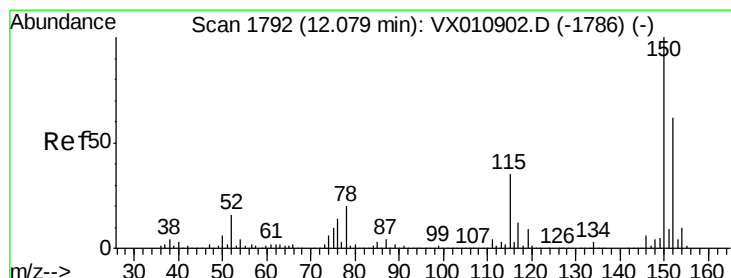
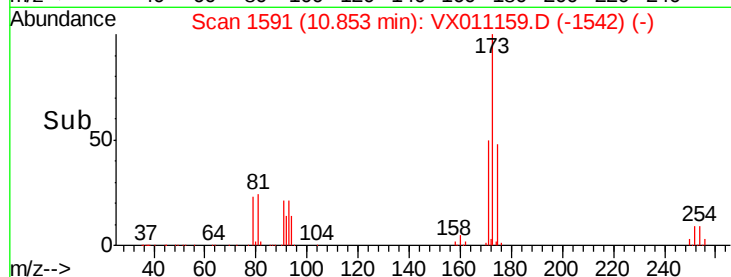
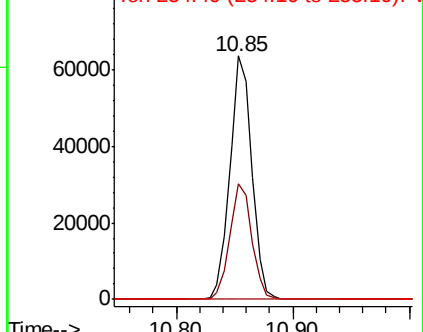
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

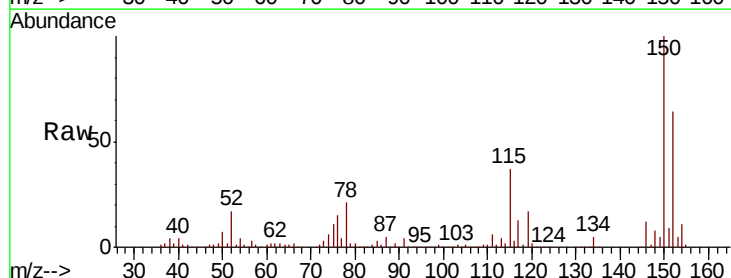
Tgt Ion:152 Resp: 136752

Ion Ratio Lower Upper

152 100

115 81.0 39.7 119.1

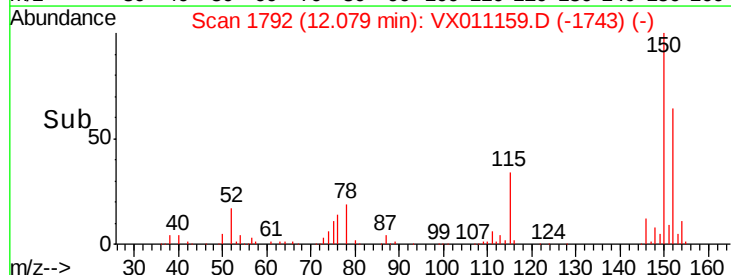
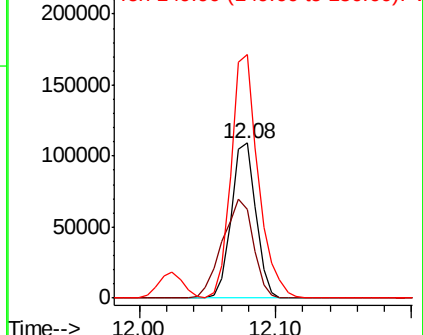
150 173.0 0.0 345.6

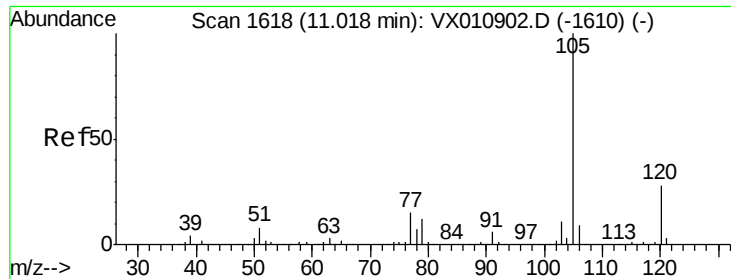


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

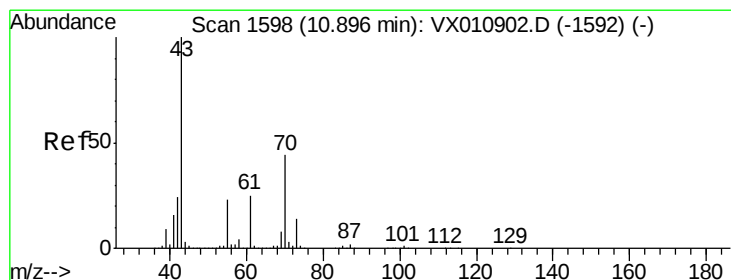
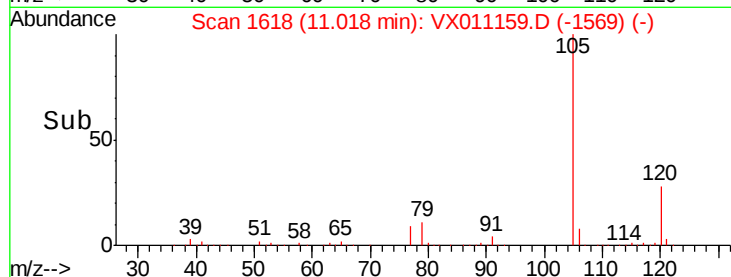
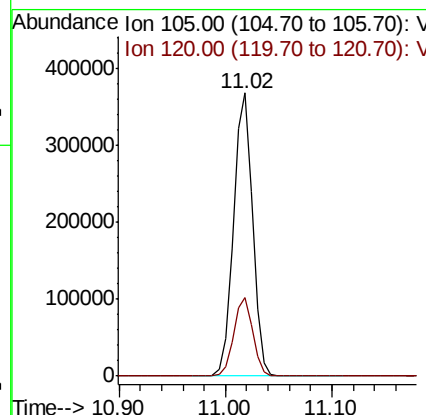
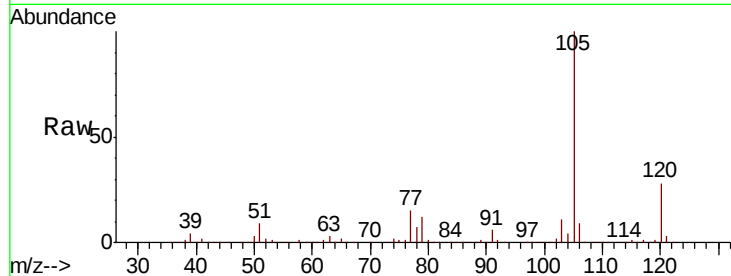




#73
Isopropylbenzene
Concen: 50.145 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

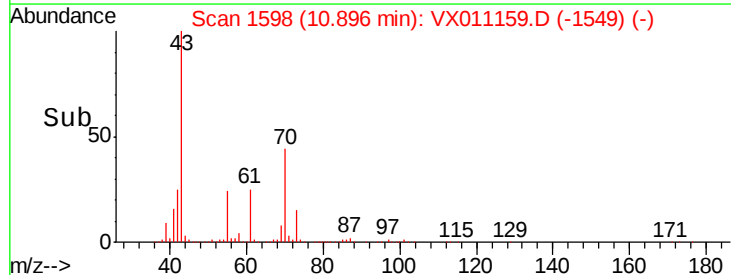
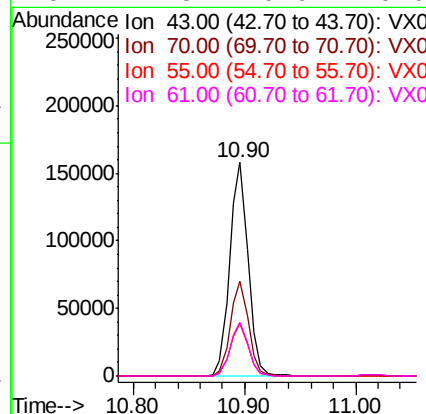
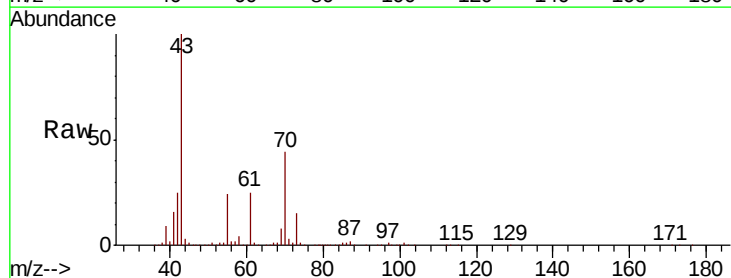
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

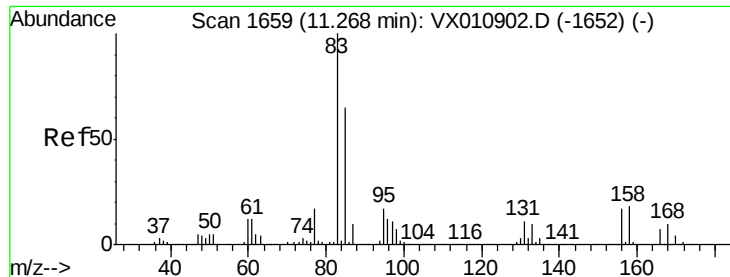
Tot Ion:105 Resp: 463355
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1



#74
N-ethyl acetate
Concen: 50.943 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 43 Resp: 179861
Ion Ratio Lower Upper
43 100
70 44.1 34.7 52.1
55 24.2 19.1 28.7
61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.271 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

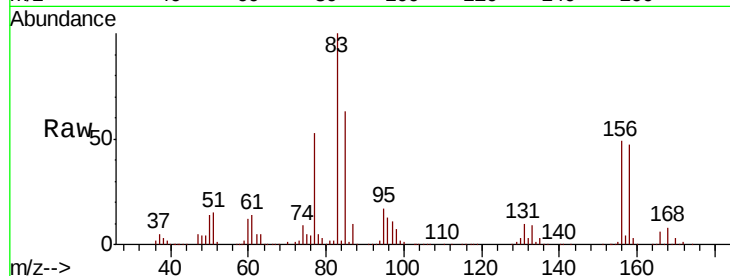
Tot Ion: 83 Resp: 158066

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

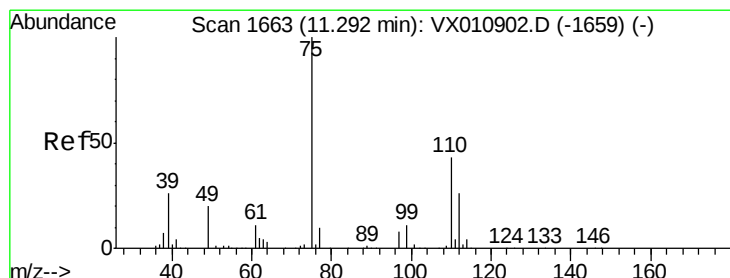
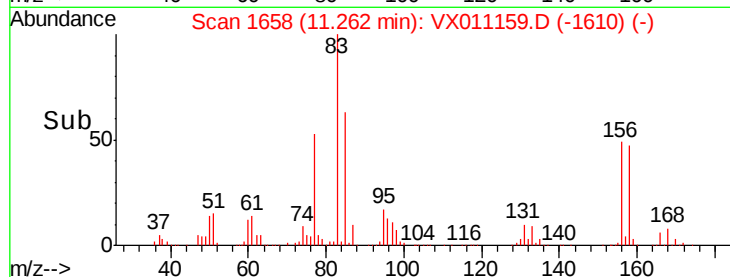
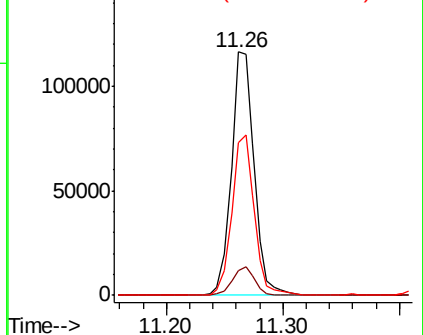
85 65.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.203 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011159.D

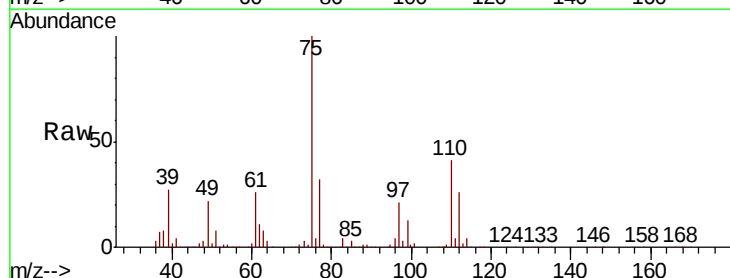
Acq: 29 Jul 2019 20:29

Tgt Ion: 75 Resp: 168310

Ion Ratio Lower Upper

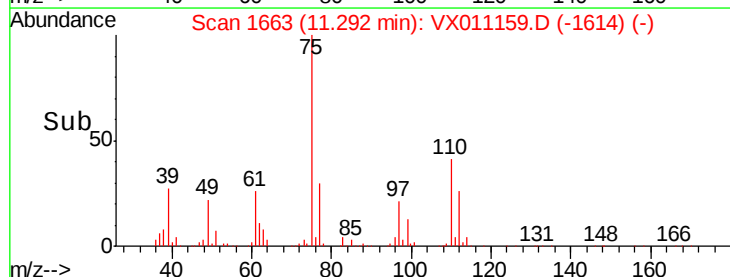
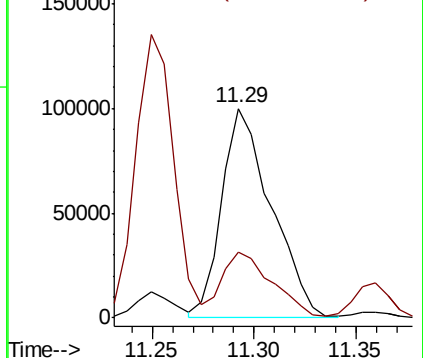
75 100

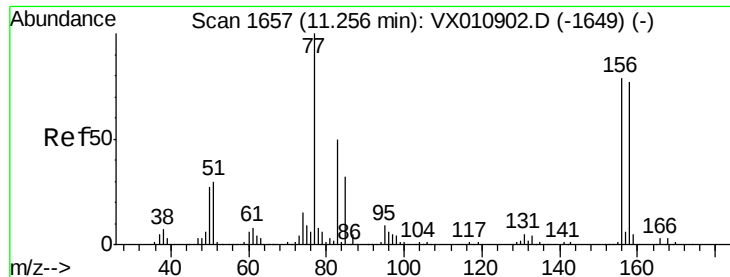
77 31.9 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.405 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

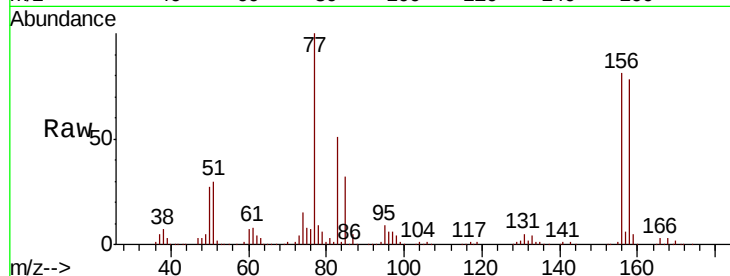
Tot Ion:156 Resp: 128472

Ion Ratio Lower Upper

156 100

77 136.4 68.7 206.1

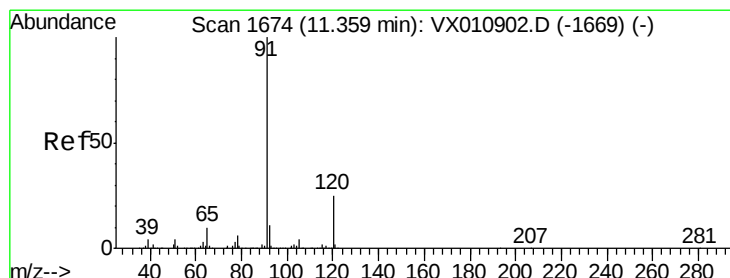
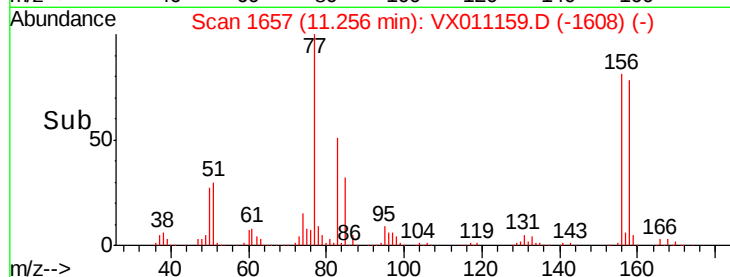
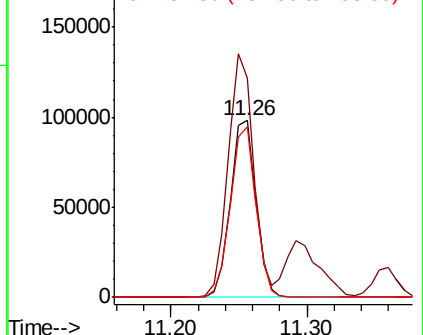
158 96.1 47.9 143.7



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: 50.893 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011159.D

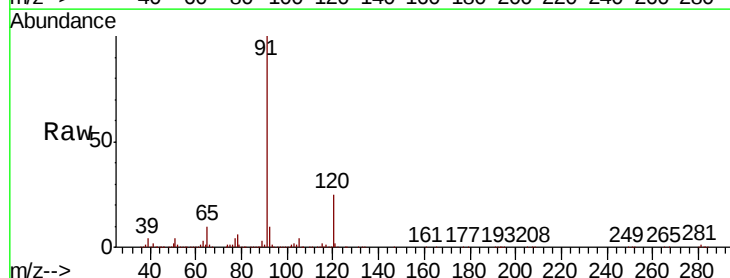
Acq: 29 Jul 2019 20:29

Tgt Ion: 91 Resp: 519605

Ion Ratio Lower Upper

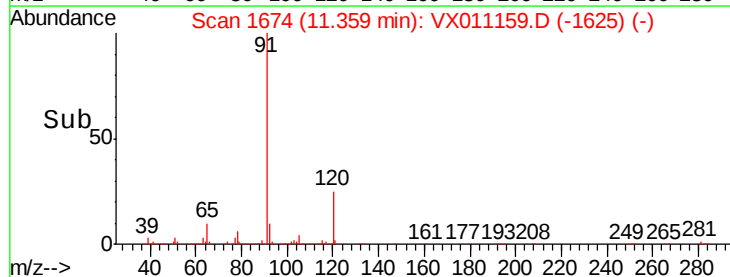
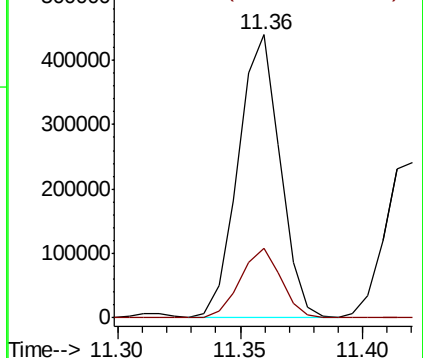
91 100

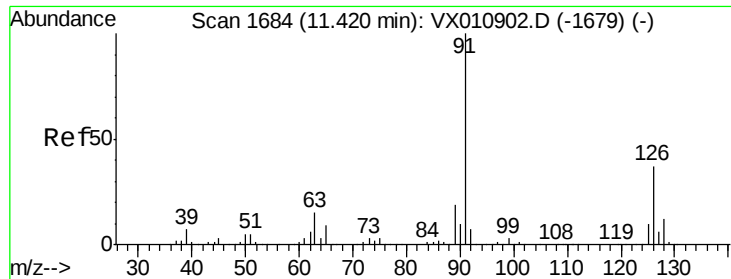
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

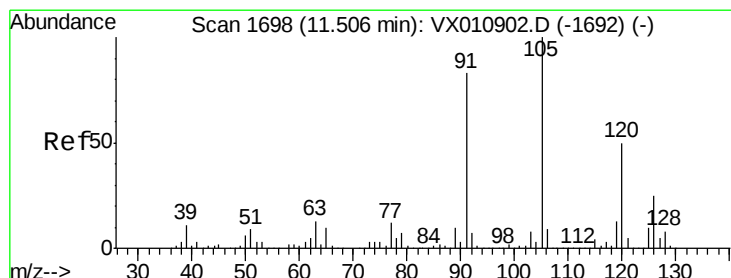
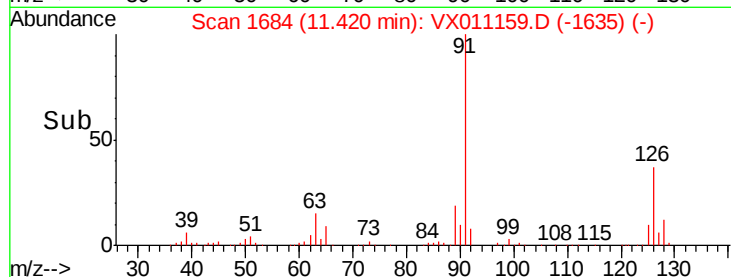
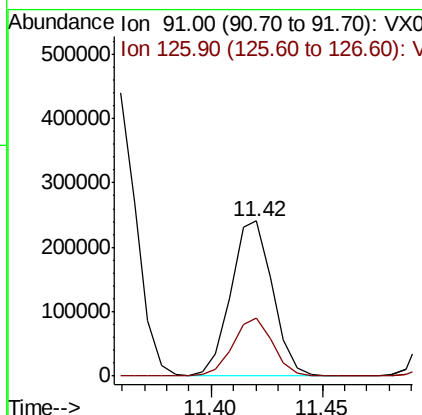
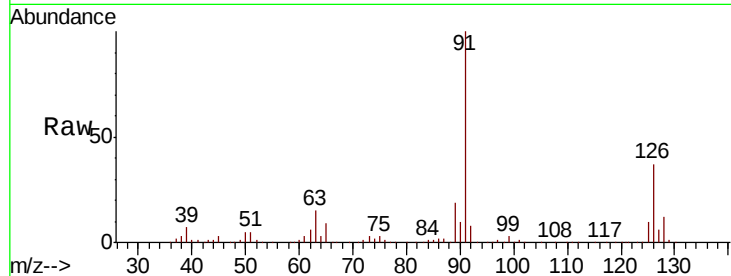




#79
 2-Chlorotoluene
 Concen: 50.764 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

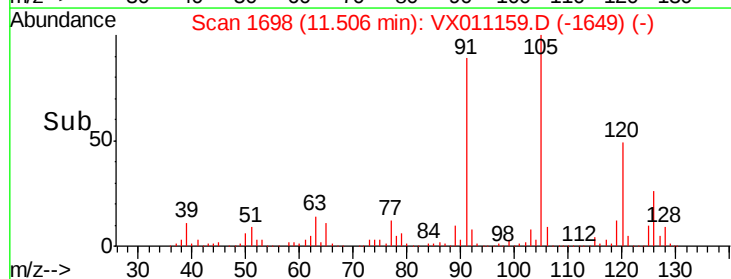
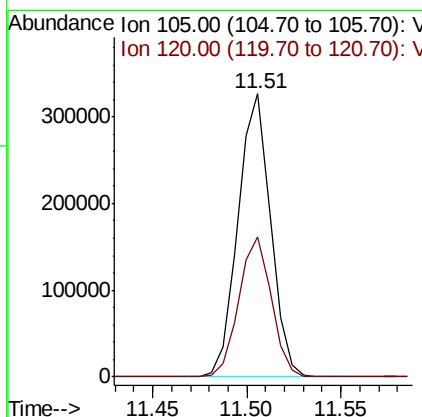
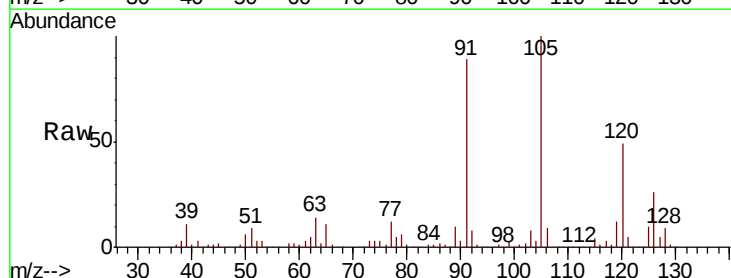
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

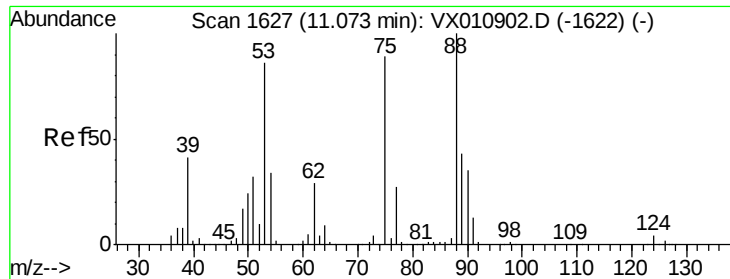
Tot Ion: 91 Resp: 311349
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.704 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion: 105 Resp: 391496
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.719 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

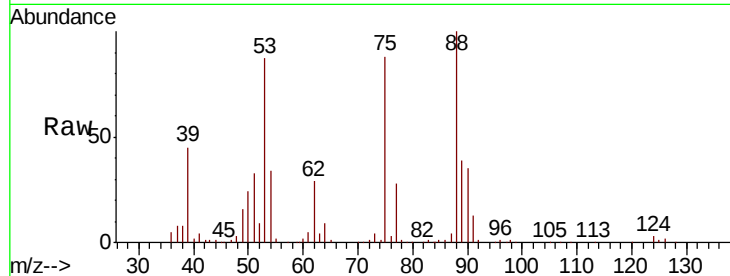
Tot Ion: 75 Resp: 44171

Ion Ratio Lower Upper

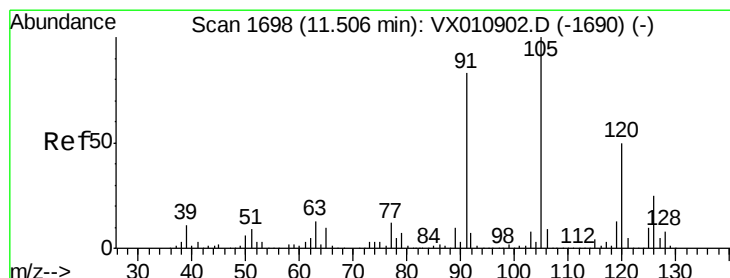
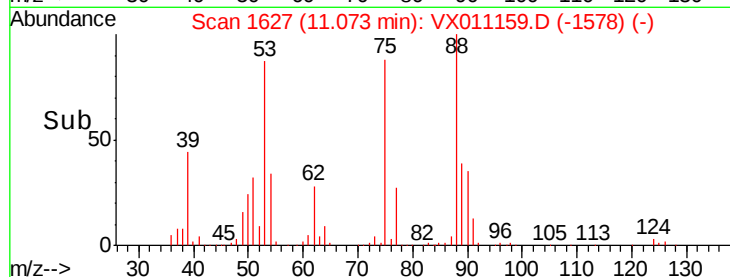
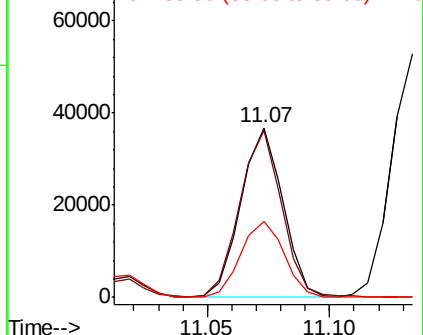
75 100

53 99.0 76.7 115.1

89 46.3 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.300 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011159.D

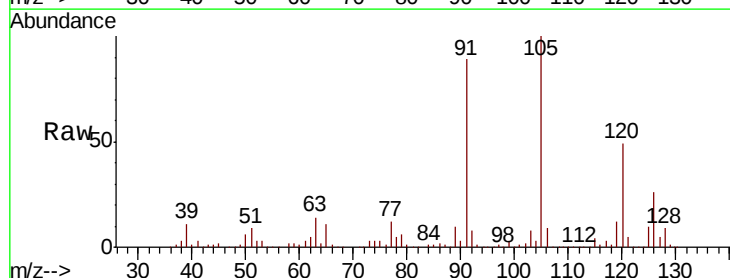
Acq: 29 Jul 2019 20:29

Tgt Ion: 91 Resp: 366206

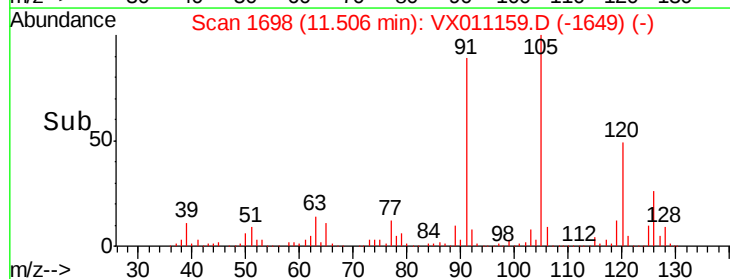
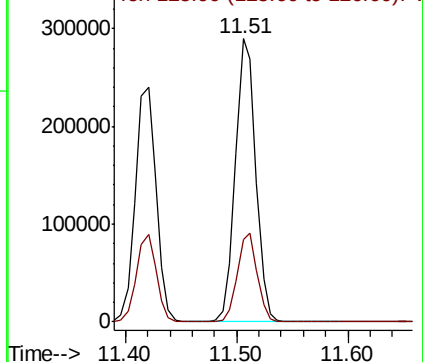
Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.7



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

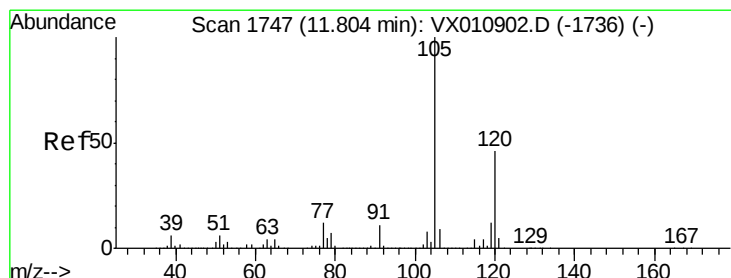
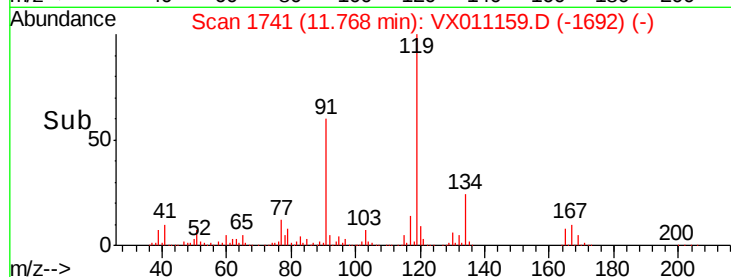
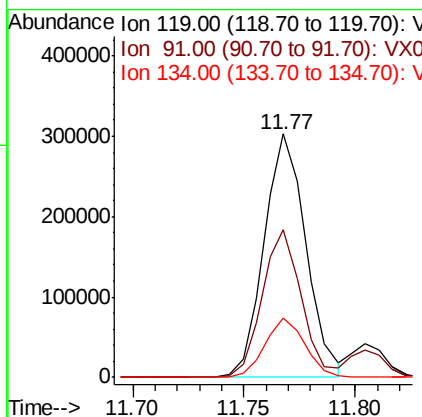
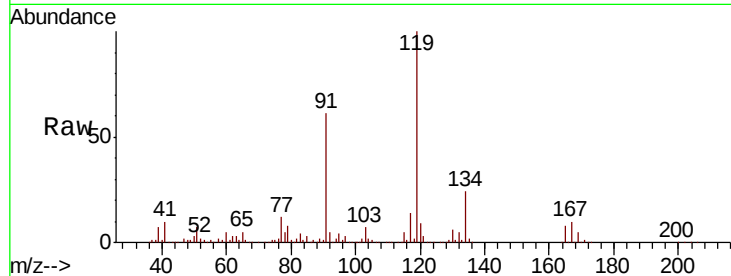




#83
tert-Butylbenzene
Concen: 51.913 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

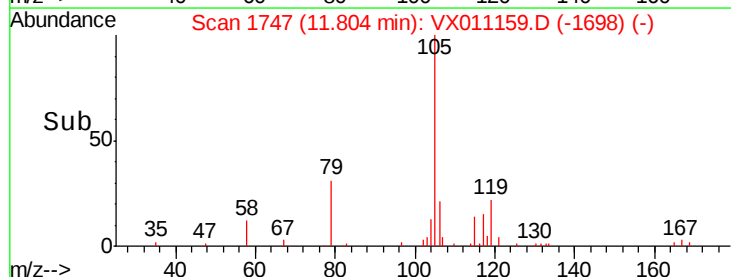
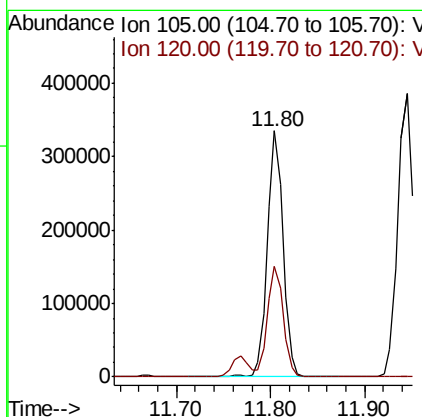
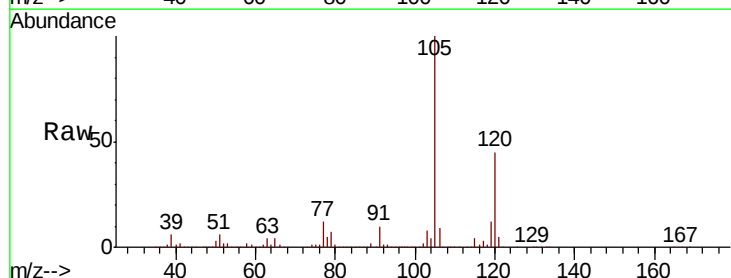
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

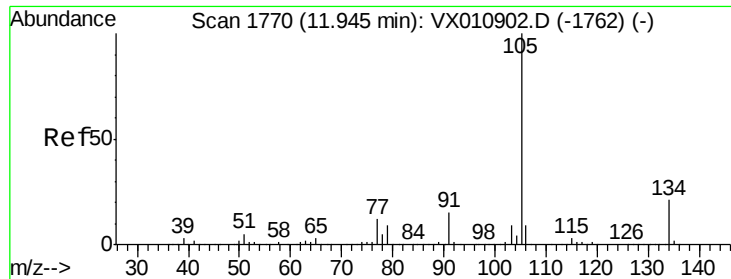
Tot Ion:119 Resp: 393719
Ion Ratio Lower Upper
119 100
91 57.4 28.6 85.8
134 23.3 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 51.105 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:105 Resp: 397709
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5

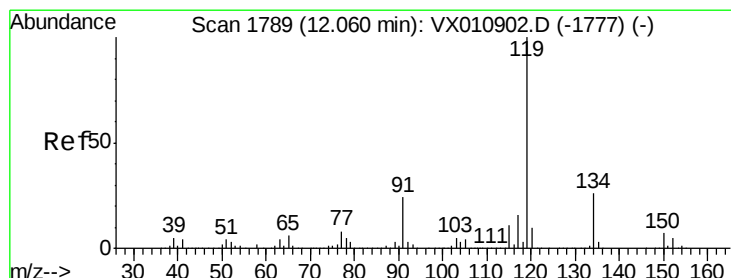
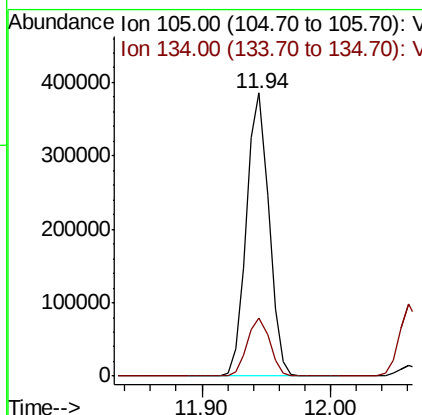
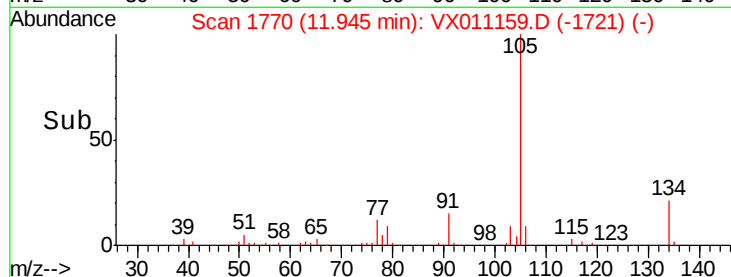
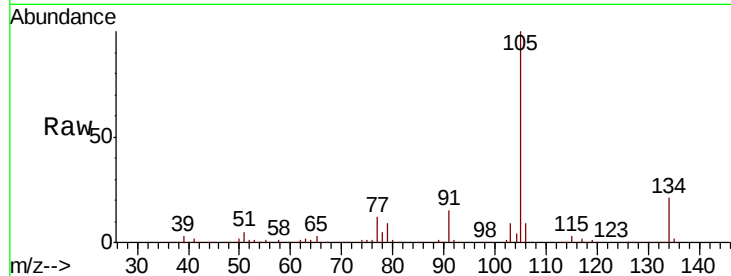




#85
 sec-Butylbenzene
 Concen: 51.967 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

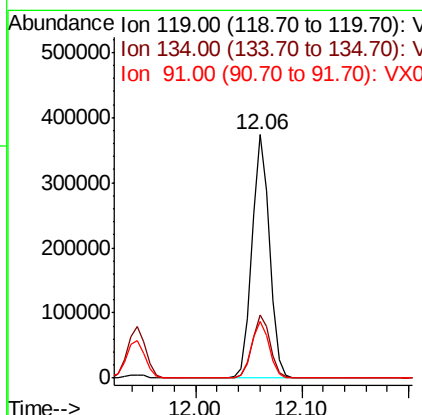
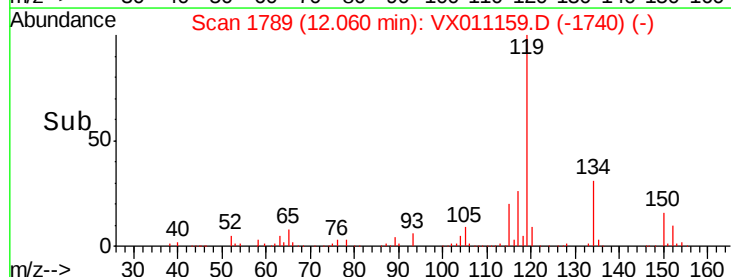
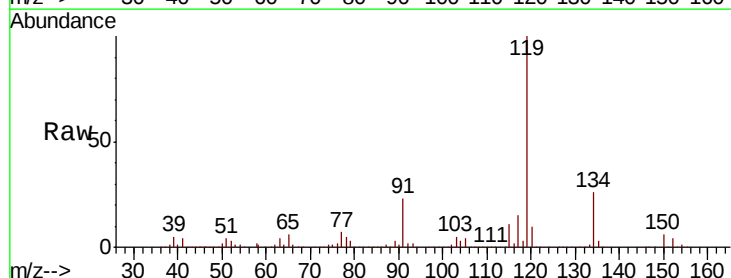
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

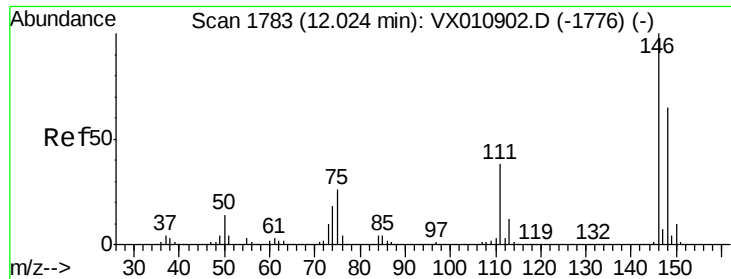
Tot Ion:105 Resp: 461812
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 52.508 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion:119 Resp: 431386
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.4 11.8 35.4

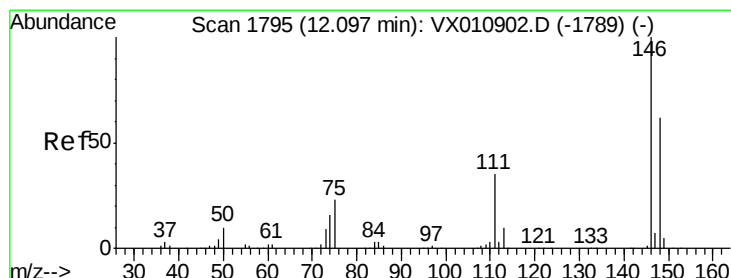
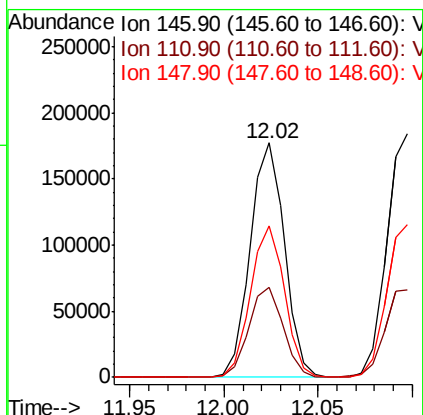
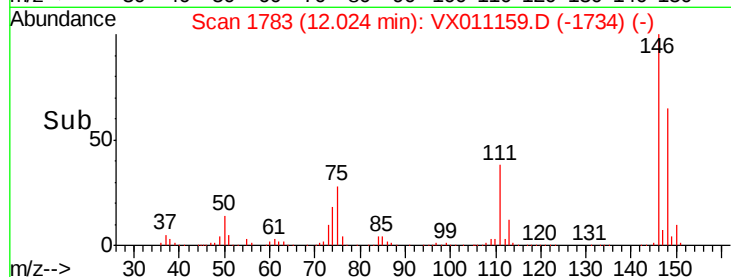
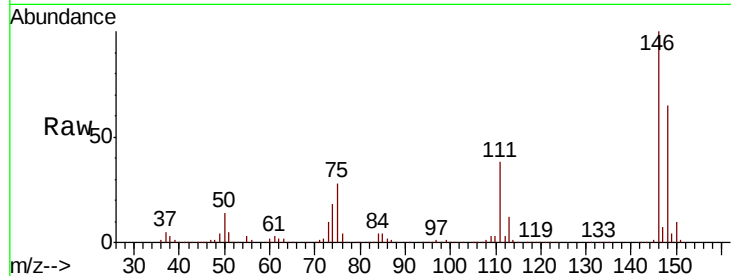




#87
 1,3-Dichlorobenzene
 Concen: 50.514 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

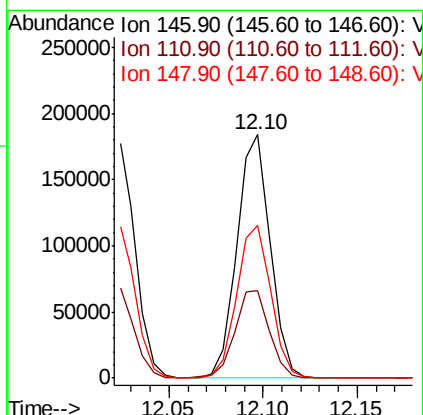
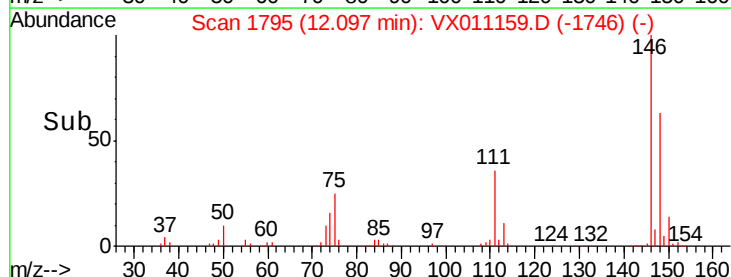
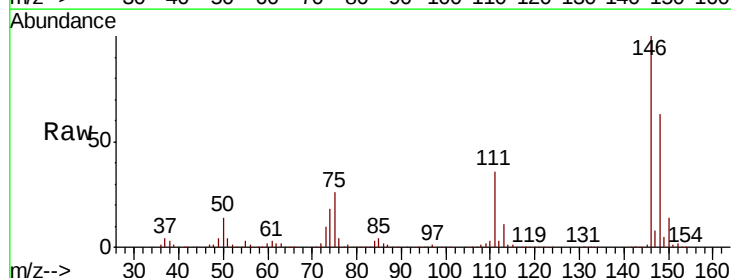
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

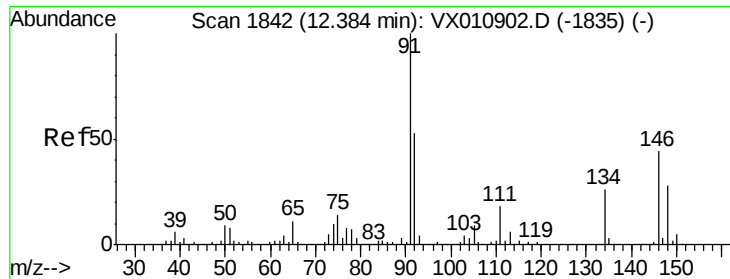
Tot Ion:146 Resp: 223433
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion:146 Resp: 224650
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.4 31.6 94.7

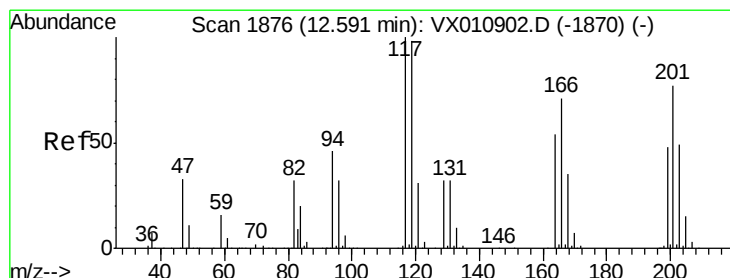
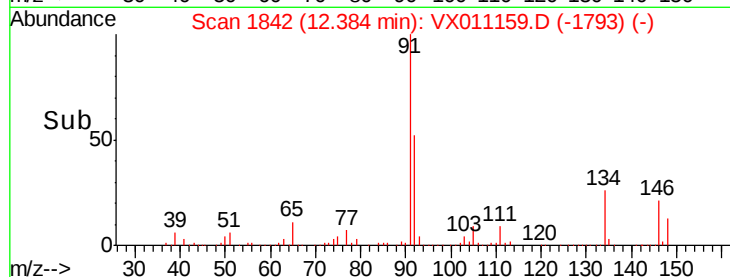
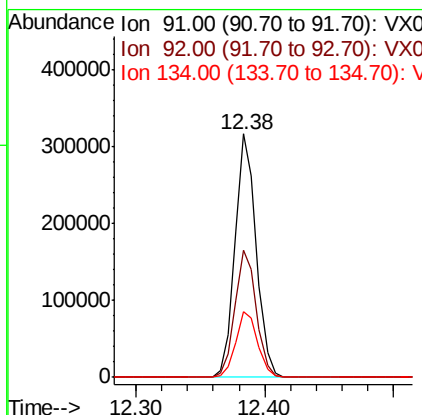
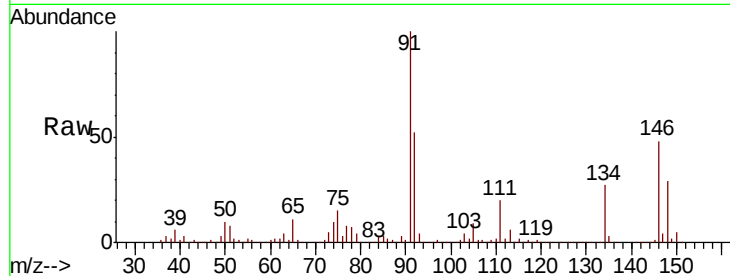




#89
n-Butylbenzene
Concen: 51.715 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

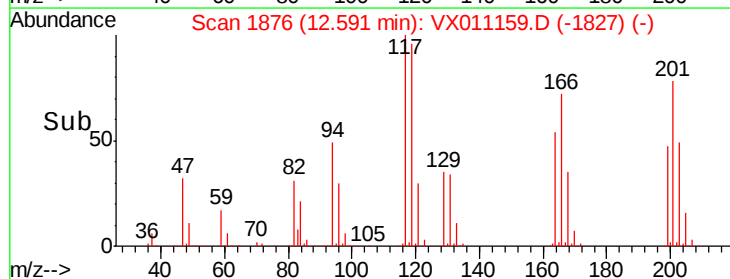
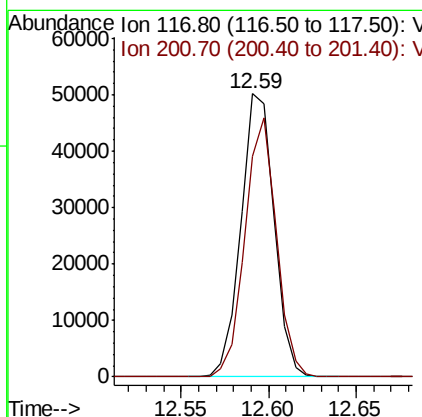
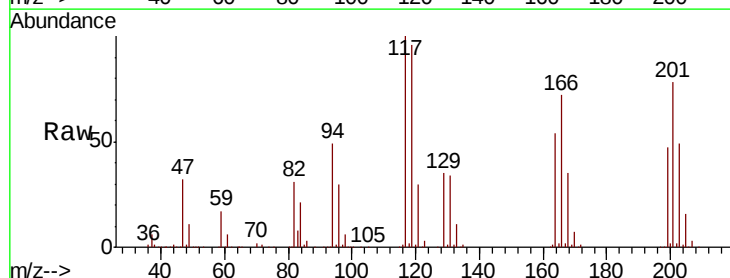
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

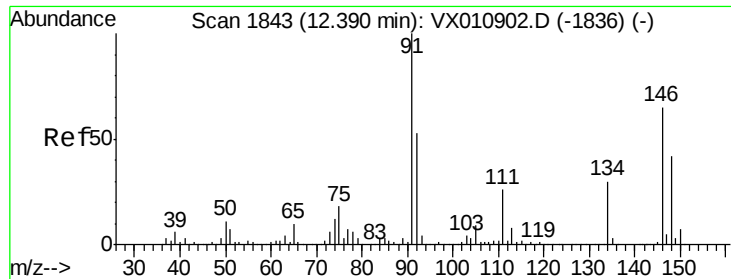
Tot Ion: 91 Resp: 363489
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 51.013 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 117 Resp: 66104
Ion Ratio Lower Upper
117 100
201 86.5 43.3 129.8

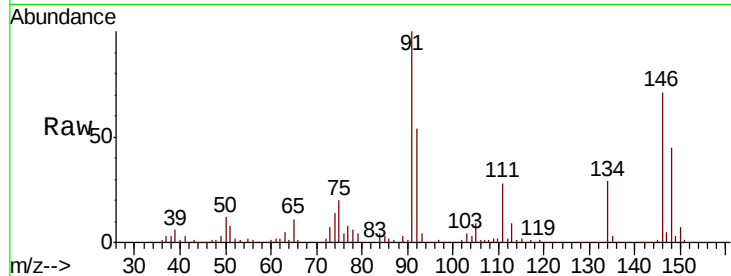




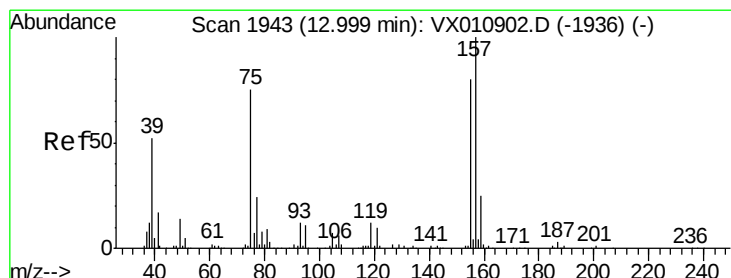
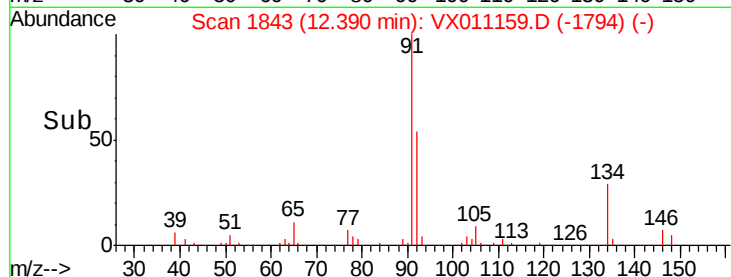
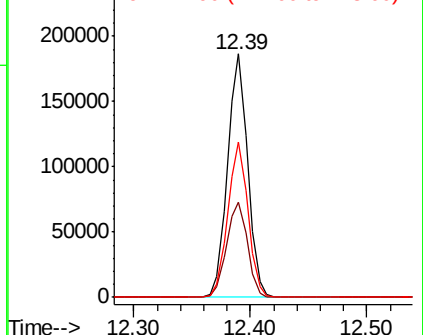
#91
1,2-Dichlorobenzene
Concen: 51.120 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 224099
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 63.8 32.0 96.2

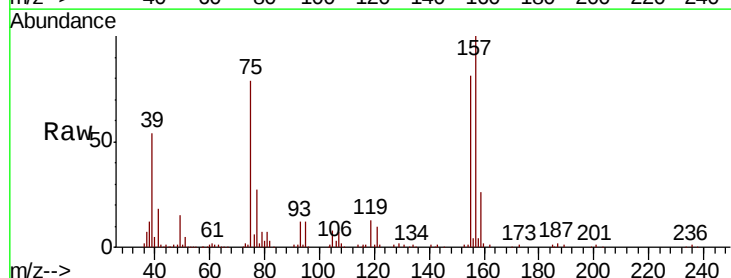


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

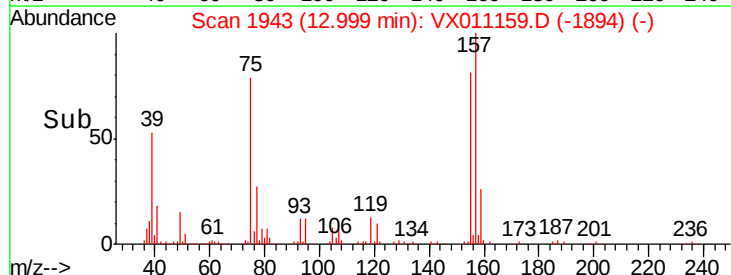
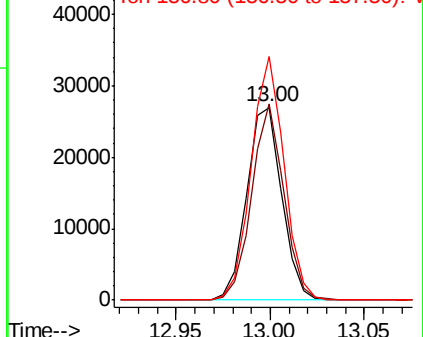


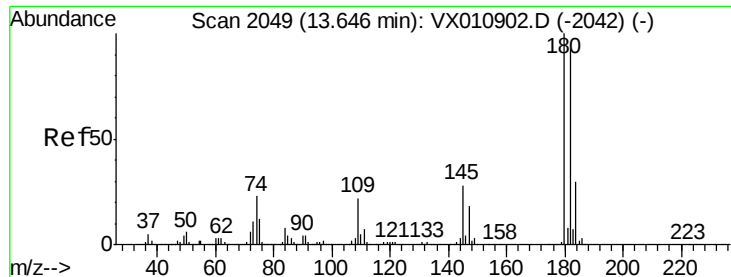
#92
1,2-Dibromo-3-Chloropropane
Concen: 55.127 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 75 Resp: 34846
Ion Ratio Lower Upper
75 100
155 93.1 48.7 146.1
157 118.4 62.5 187.6



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

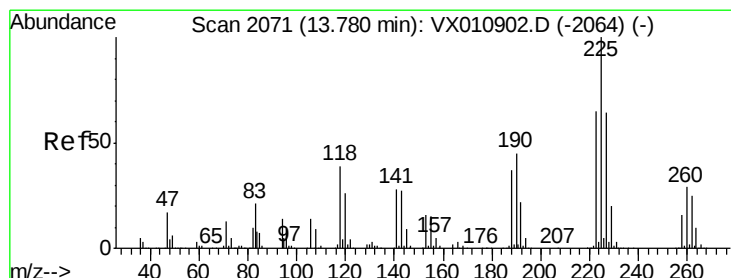
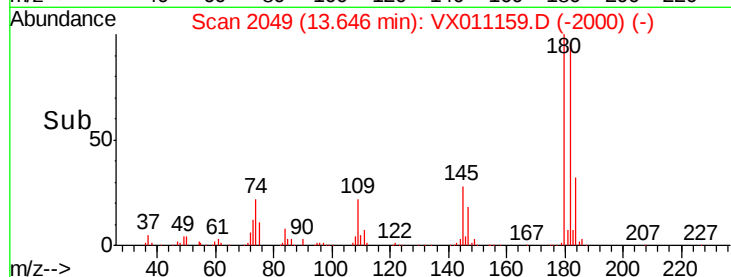
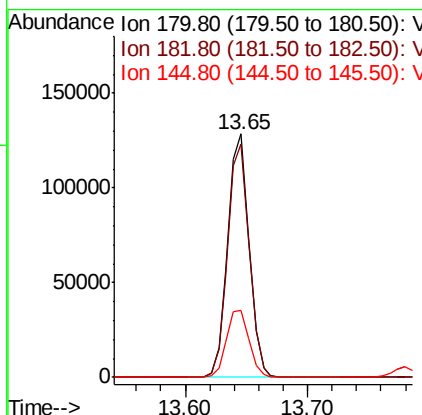
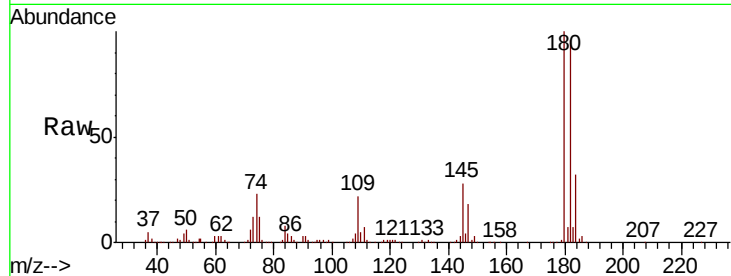




#93
 1,2,4-Trichlorobenzene
 Concen: 51.943 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

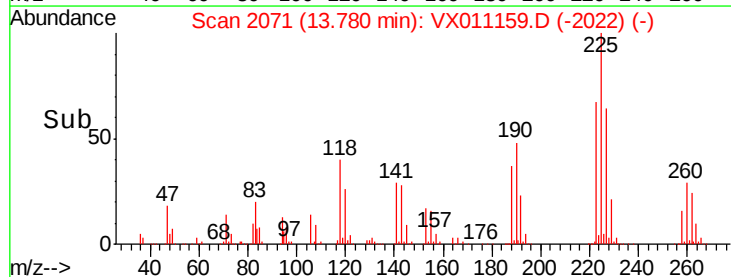
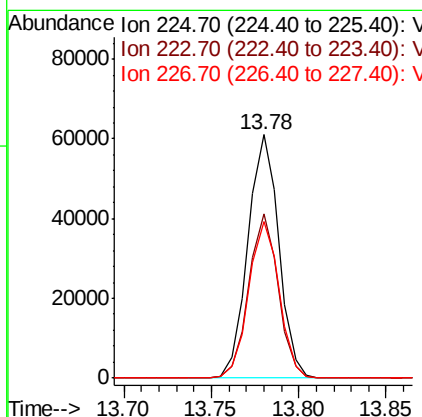
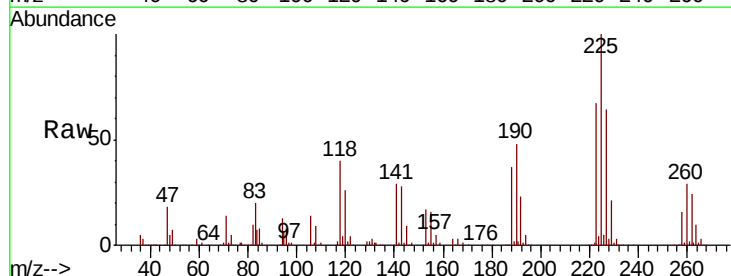
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 154318
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.1 141.3
 145 29.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 50.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion:225 Resp: 74542
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.9 95.9
 227 63.6 32.5 97.4

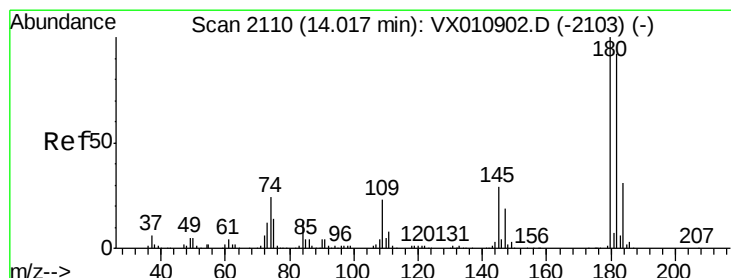
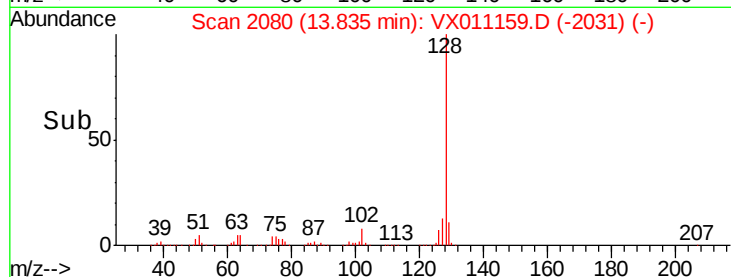
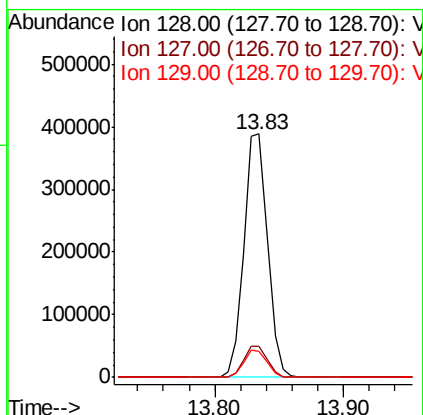
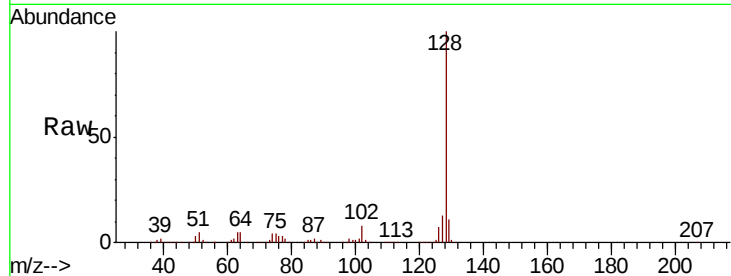




#95
Naphthalene
Concen: 55.696 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 488621
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.650 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:180 Resp: 158592
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 30.2 15.1 45.3

