

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010399.D
 Acq On : 21 Jun 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 21 23:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	266622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183213	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	123339	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.50	113	121359	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	461743	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	164543	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89789	48.440	ug/l	98
3) Chloromethane	1.32	50	96362	44.644	ug/l	99
4) Vinyl Chloride	1.41	62	112191	47.455	ug/l	100
5) Bromomethane	1.64	94	48687	42.272	ug/l	96
6) Chloroethane	1.71	64	69487	49.819	ug/l	96
7) Trichlorofluoromethane	1.93	101	187656	50.072	ug/l	97
8) Diethyl Ether	2.19	74	68971	51.318	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111975	49.303	ug/l	99
10) Methyl Iodide	2.51	142	127058	39.200	ug/l	99
11) Tert butyl alcohol	3.05	59	155393	237.557	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113134	48.954	ug/l	98
13) Acrolein	2.29	56	82480	190.076	ug/l	99
14) Allyl chloride	2.73	41	167085	50.925	ug/l	100
15) Acrylonitrile	3.14	53	336664	259.952	ug/l	100
16) Acetone	2.45	43	276948	221.055	ug/l	99
17) Carbon Disulfide	2.57	76	292015	47.098	ug/l	98
18) Methyl Acetate	2.78	43	129181	51.735	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	372254	51.202	ug/l	100
20) Methylene Chloride	2.85	84	129077	50.063	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123639	49.744	ug/l	98
22) Diisopropyl ether	3.86	45	350712	51.126	ug/l	89
23) Vinyl Acetate	3.82	43	1561509	263.496	ug/l	100
24) 1,1-Dichloroethane	3.70	63	202522	51.075	ug/l	99
25) 2-Butanone	4.68	43	457845	249.131	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148400	43.083	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145734	50.739	ug/l	98
28) Bromochloromethane	5.01	49	90439	47.704	ug/l	98
29) Tetrahydrofuran	5.13	42	294424	258.646	ug/l	100
30) Chloroform	5.21	83	214729	50.331	ug/l	96
31) Cyclohexane	5.58	56	182083	50.426	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	194027	51.505	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156504	48.408	ug/l	99
37) Ethyl Acetate	4.84	43	173633	52.205	ug/l	100
38) Carbon Tetrachloride	5.79	117	172718	49.335	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010399.D
 Acq On : 21 Jun 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 21 23:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205091	48.260	ug/l	99
40) Benzene	6.15	78	503539	49.992	ug/l	100
41) Methacrylonitrile	5.04	41	93072	51.001	ug/l	98
42) 1,2-Dichloroethane	6.20	62	157069	51.229	ug/l	99
43) Isopropyl Acetate	6.45	43	283698	51.555	ug/l	99
44) Trichloroethene	7.21	130	148467	49.260	ug/l	98
45) 1,2-Dichloropropane	7.51	63	126030	49.549	ug/l	97
46) Dibromomethane	7.66	93	90894	49.807	ug/l	100
47) Bromodichloromethane	7.90	83	167266	50.013	ug/l	100
48) Methyl methacrylate	7.77	41	132354	51.746	ug/l	99
49) 1,4-Dioxane	7.74	88	70377	955.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	900252	255.799	ug/l	99
52) Toluene	8.79	92	329296	49.645	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	182433	48.654	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	202112	49.601	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136704	49.972	ug/l	99
56) Ethyl methacrylate	9.18	69	211638	51.070	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214252	50.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503158	255.653	ug/l	99
59) 2-Hexanone	9.49	43	685998	247.664	ug/l	100
60) Dibromochloromethane	9.58	129	152381	49.750	ug/l	99
61) 1,2-Dibromoethane	9.67	107	150234	50.879	ug/l	100
64) Tetrachloroethene	9.34	164	148525	49.668	ug/l	99
65) Chlorobenzene	10.14	112	372182	49.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139471	51.013	ug/l	99
67) Ethyl Benzene	10.25	91	632030	49.878	ug/l	99
68) m/p-Xylenes	10.36	106	483713	98.518	ug/l	99
69) o-Xylene	10.69	106	239471	49.596	ug/l	99
70) Styrene	10.71	104	406959	50.258	ug/l	99
71) Bromoform	10.85	173	120403	50.641	ug/l	100
73) Isopropylbenzene	11.02	105	635417	51.163	ug/l	98
74) N-amyl acetate	10.90	43	246898	52.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	210942	51.286	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	234181	70.143	ug/l	81
77) Bromobenzene	11.26	156	171625	49.490	ug/l	99
78) n-propylbenzene	11.36	91	700266	51.303	ug/l	100
79) 2-Chlorotoluene	11.42	91	404719	49.793	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	519853	50.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68047	47.549	ug/l	98
82) 4-Chlorotoluene	11.51	91	468321	50.636	ug/l	99
83) tert-Butylbenzene	11.77	119	517487	50.358	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	529250	51.451	ug/l	99
85) sec-Butylbenzene	11.94	105	614322	50.915	ug/l	100
86) p-Isopropyltoluene	12.06	119	562317	50.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	300399	49.625	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	294451	47.779	ug/l	99
89) n-Butylbenzene	12.38	91	480102	50.625	ug/l	99
90) Hexachloroethane	12.60	117	99489	51.555	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294142	48.890	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44576	50.267	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010399.D
Acq On : 21 Jun 2019 20:52
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 21 23:16:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

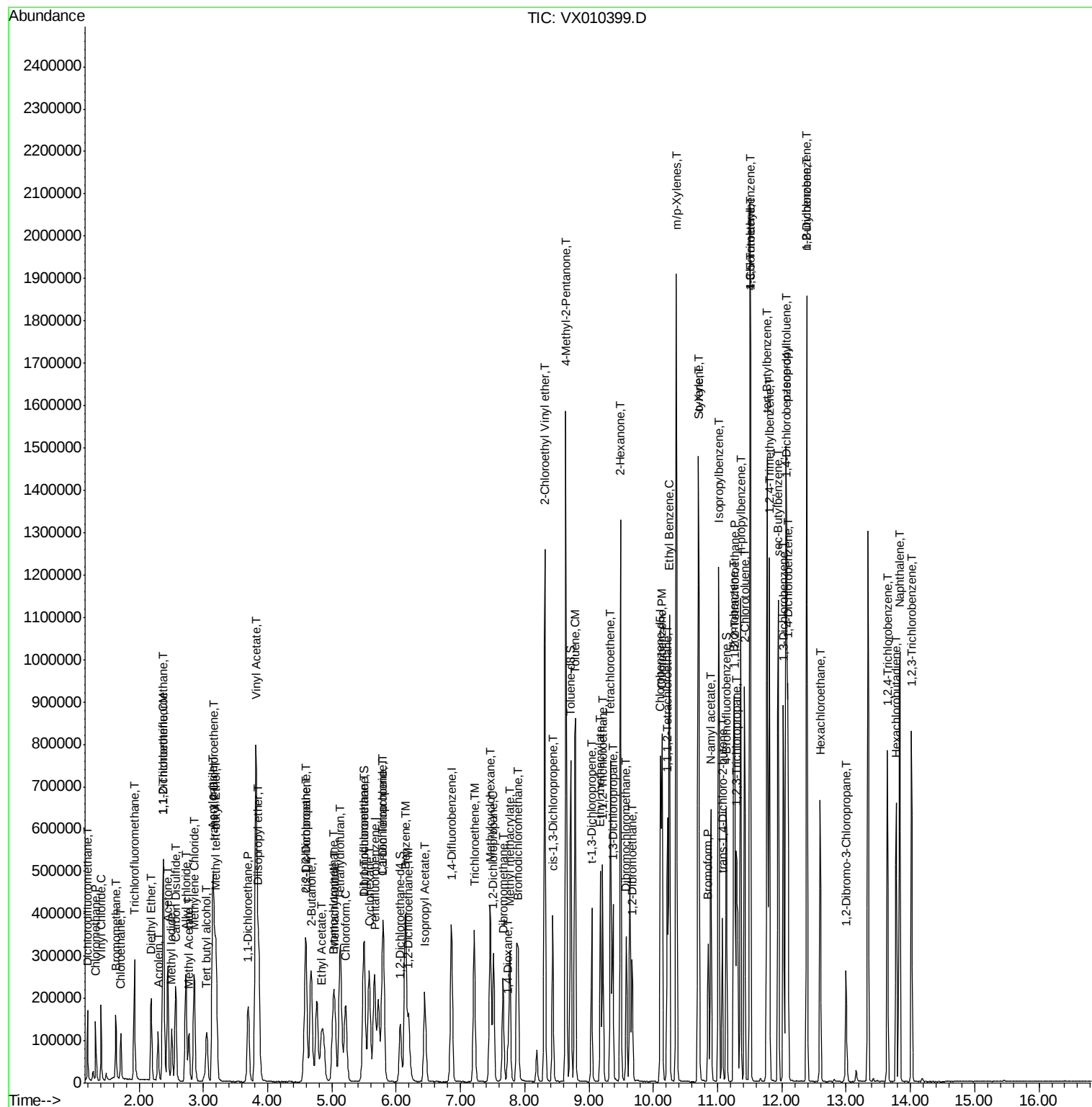
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	206611	49.520	ug/l	100
94) Hexachlorobutadiene	13.78	225	96689	47.417	ug/l	99
95) Naphthalene	13.83	128	657680	51.295	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207892	50.115	ug/l	99

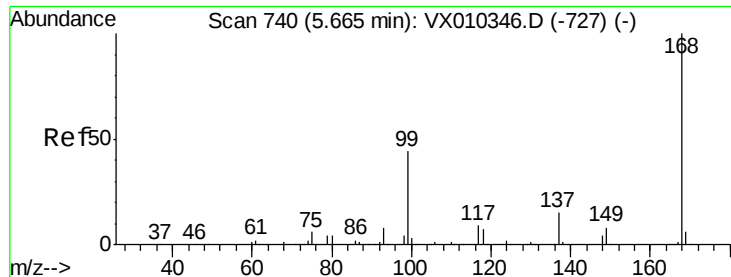
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010399.D
 Acq On : 21 Jun 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 21 23:16:28 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

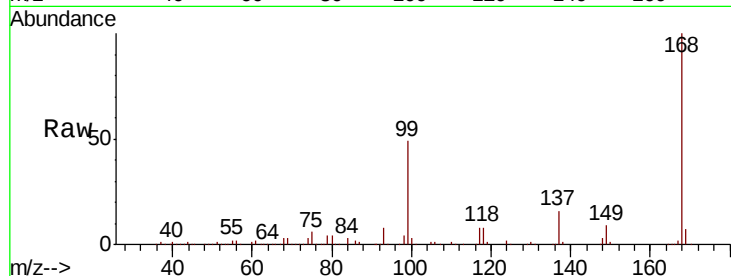
VSTDCCC050EC

Tot Ion:168 Resp: 266622

Ion Ratio Lower Upper

168 100

99 48.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

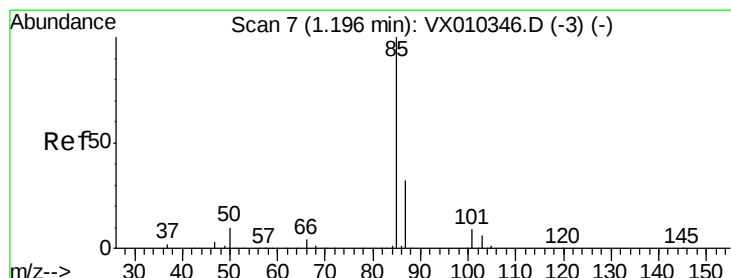
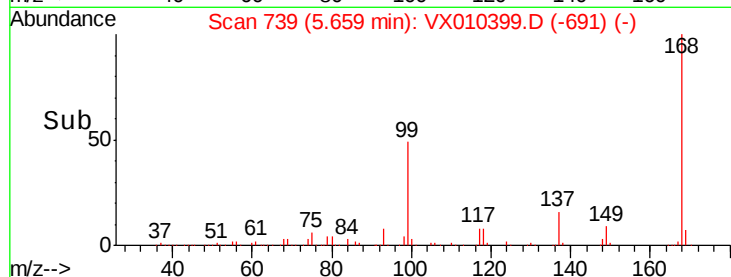
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.440 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010399.D

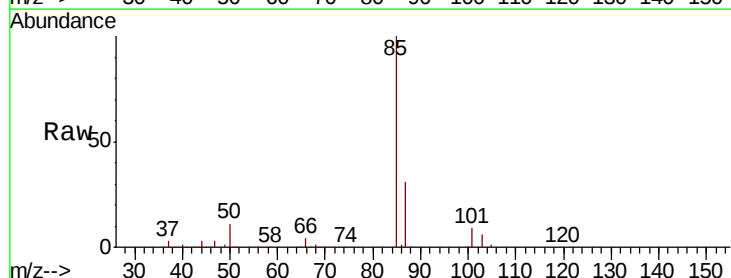
Acq: 21 Jun 2019 20:52

Tgt Ion: 85 Resp: 89789

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

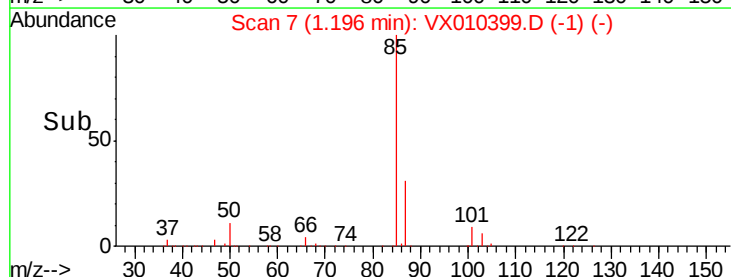
40000

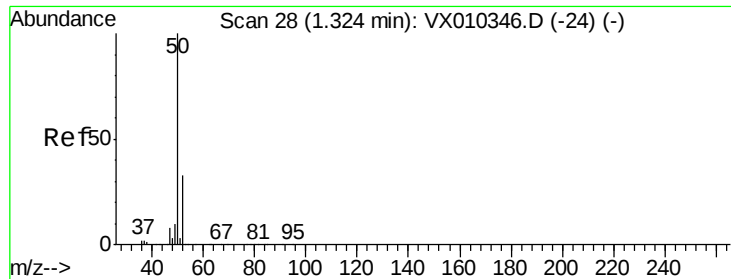
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

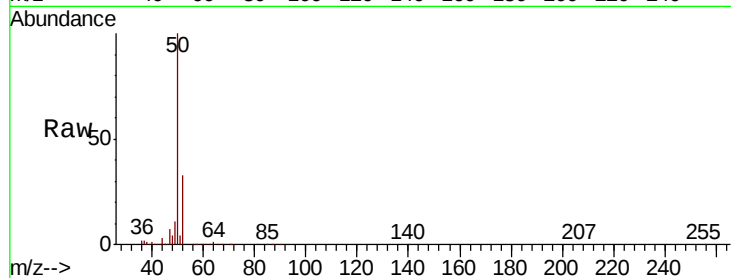
VSTDCCC050EC

Tot Ion: 50 Resp: 96362

Ion Ratio Lower Upper

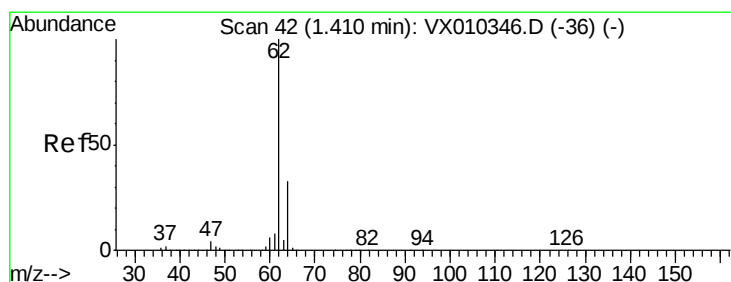
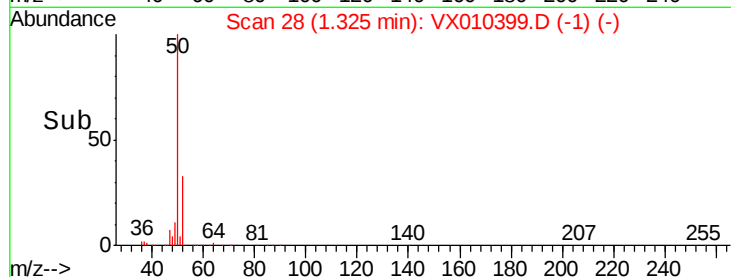
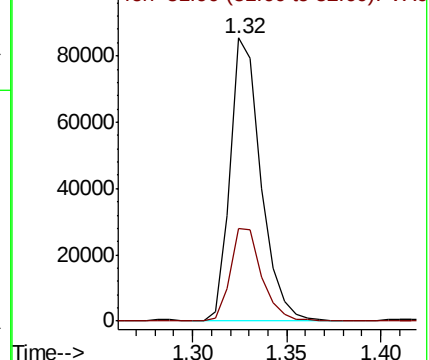
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.455 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010399.D

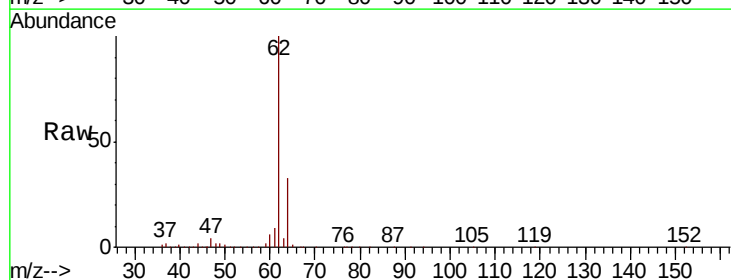
Acq: 21 Jun 2019 20:52

Tgt Ion: 62 Resp: 112191

Ion Ratio Lower Upper

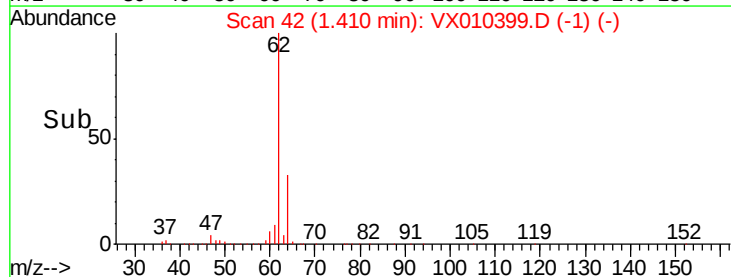
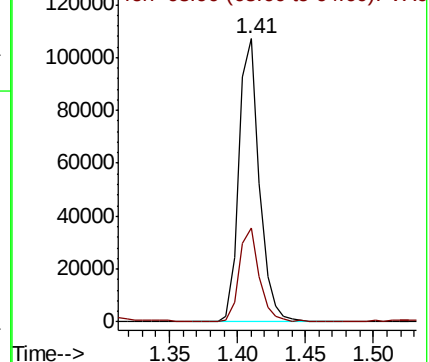
62 100

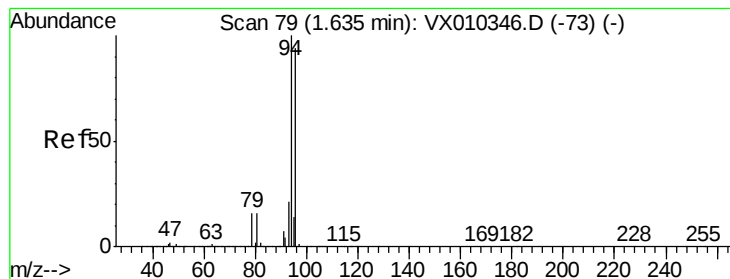
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.272 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

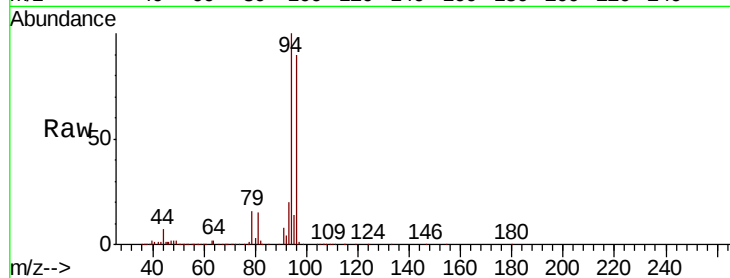
VSTDCCC050EC

Tot Ion: 94 Resp: 48687

Ion Ratio Lower Upper

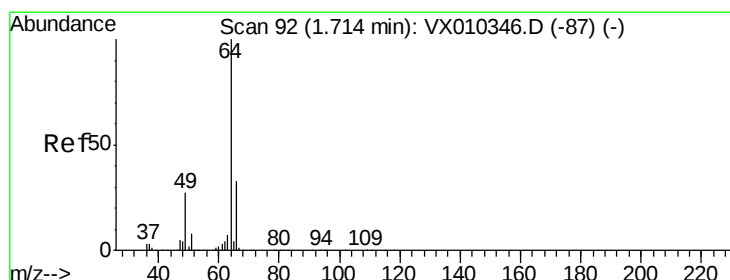
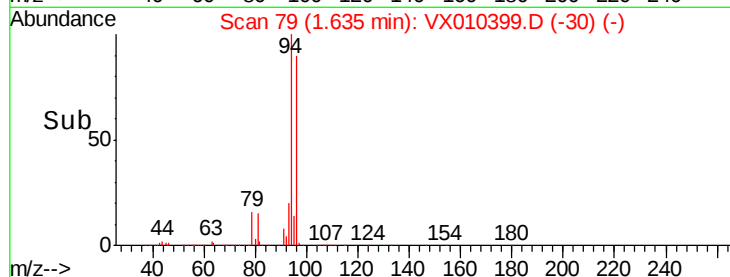
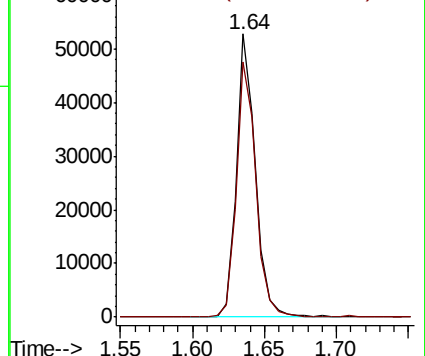
94 100

96 90.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.819 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010399.D

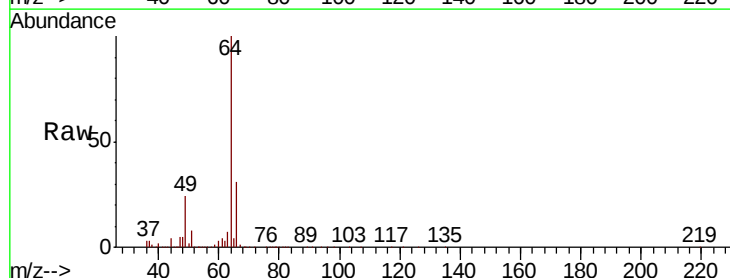
Acq: 21 Jun 2019 20:52

Tgt Ion: 64 Resp: 69487

Ion Ratio Lower Upper

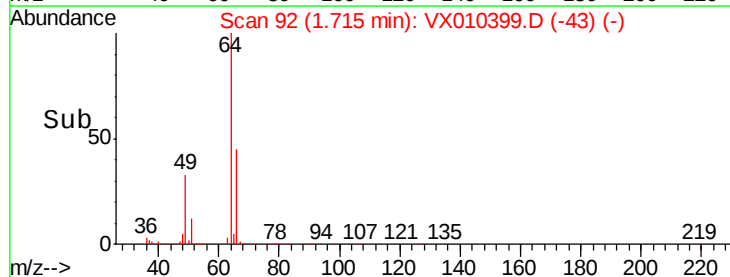
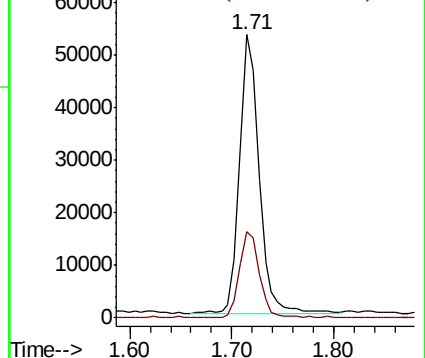
64 100

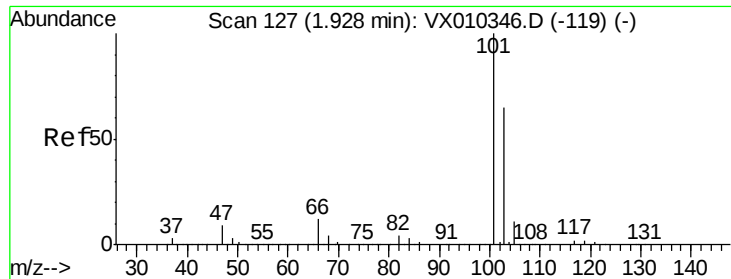
66 30.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



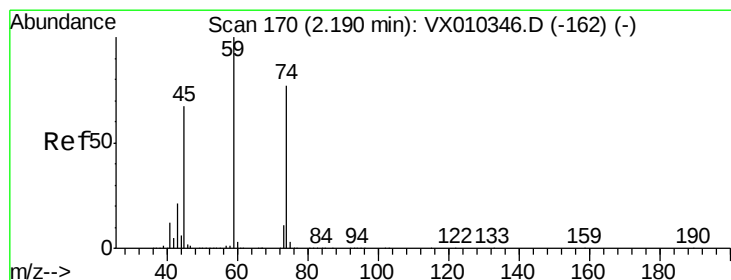
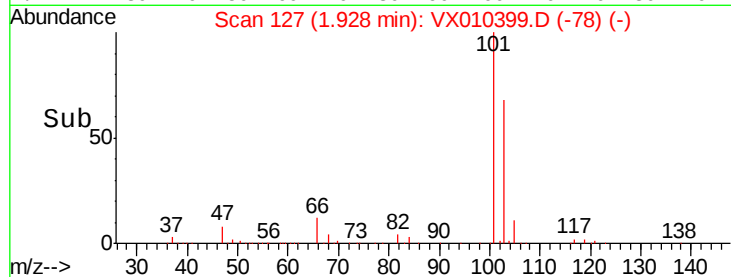
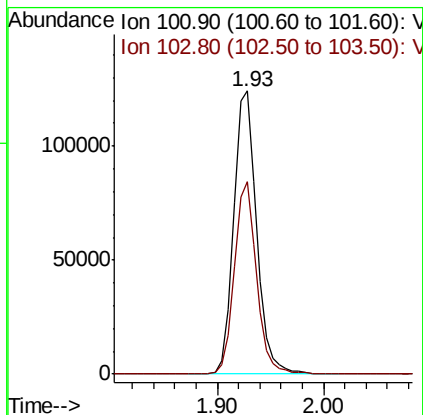
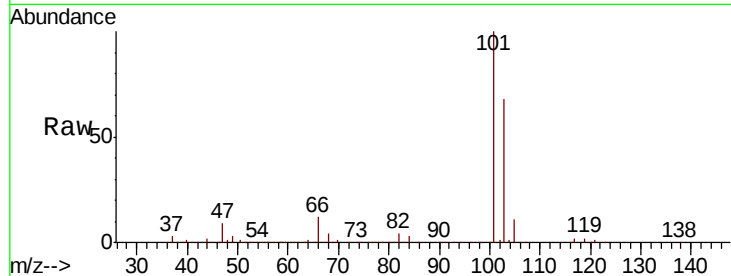


#7

Trichlorofluoromethane
 Concen: 50.072 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

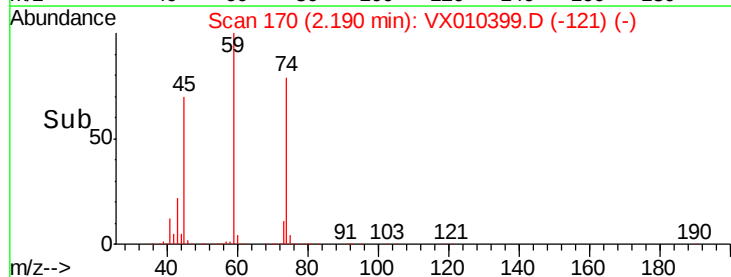
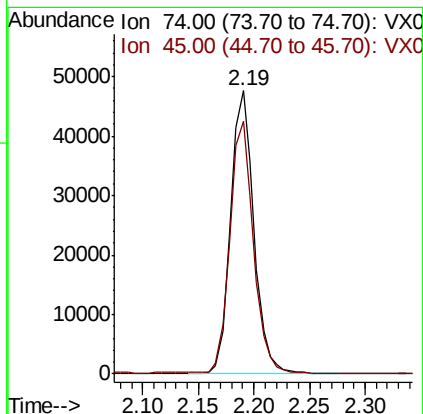
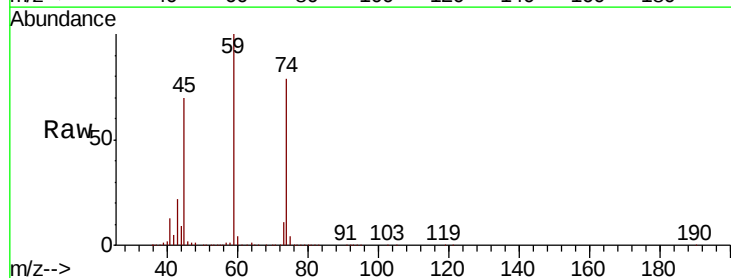
Tot Ion:101 Resp: 187656
 Ion Ratio Lower Upper
 101 100
 103 68.0 52.3 78.5



#8

Diethyl Ether
 Concen: 51.318 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 74 Resp: 68971
 Ion Ratio Lower Upper
 74 100
 45 89.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.303 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

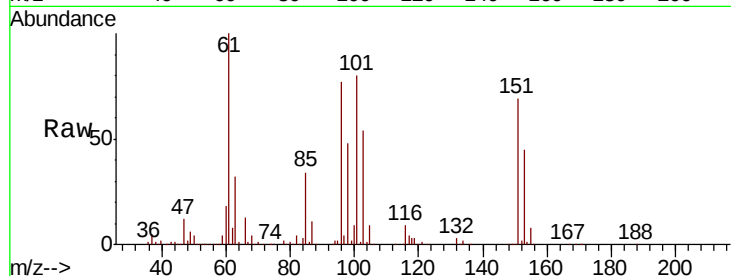
Tot Ion:101 Resp: 111975

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

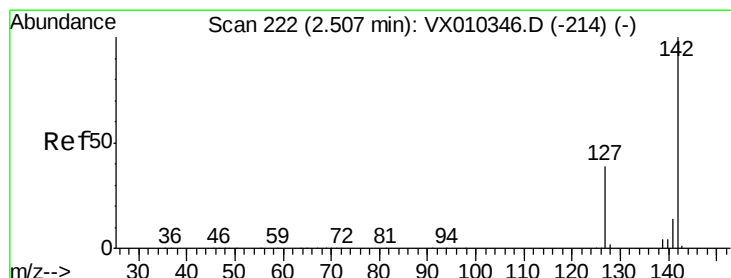
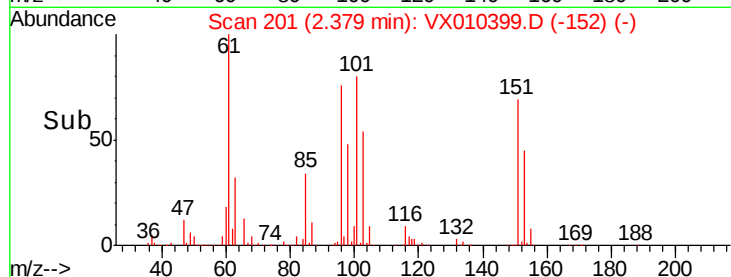
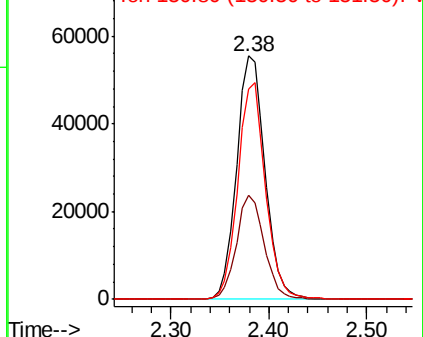
151 86.6 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.200 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

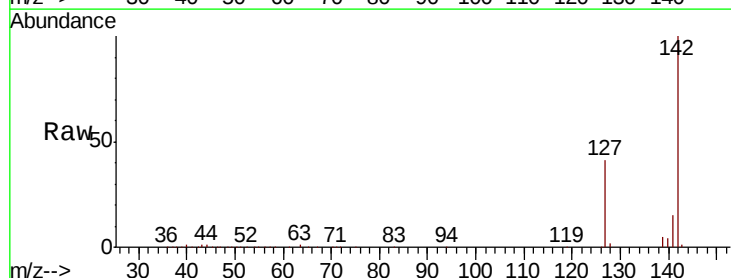
Tgt Ion:142 Resp: 127058

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

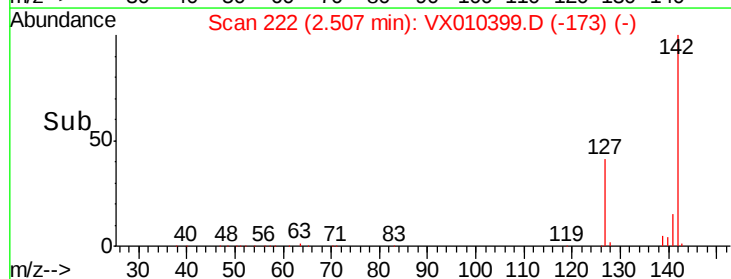
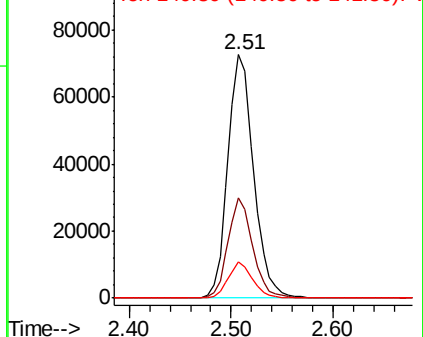
141 14.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

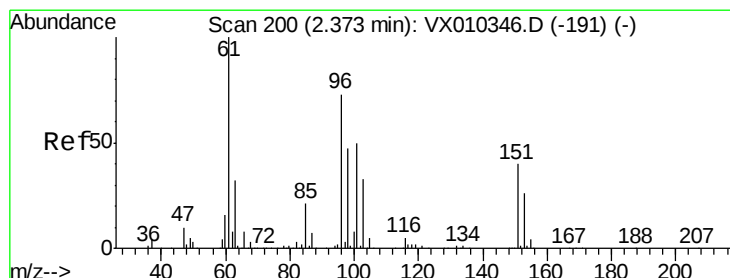
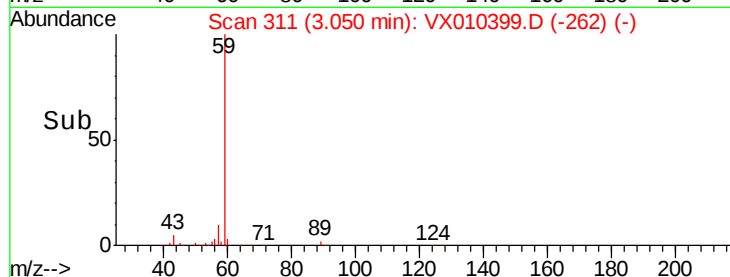
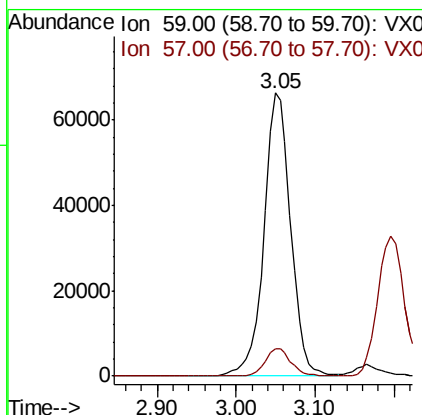
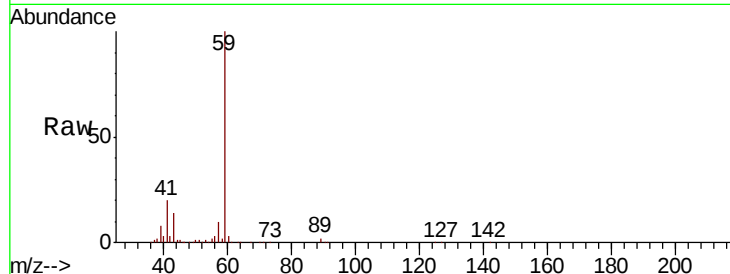




#11
Tert butyl alcohol
Concen: 237.557 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

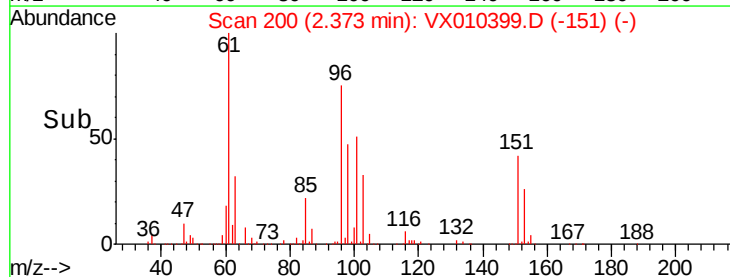
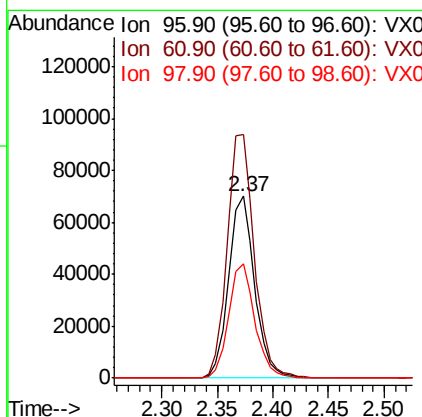
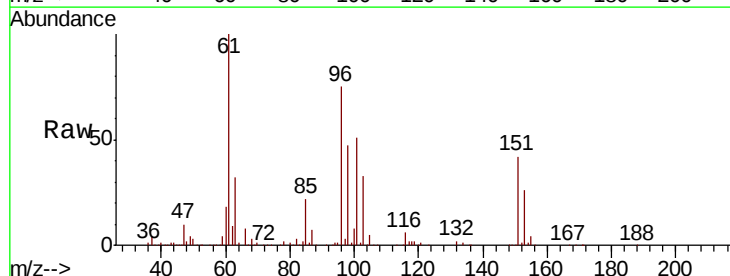
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

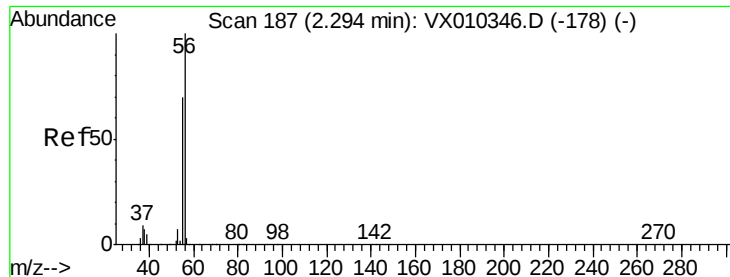
Tot Ion: 59 Resp: 155393
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.954 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 96 Resp: 113134
Ion Ratio Lower Upper
96 100
61 133.9 109.2 163.8
98 63.1 51.1 76.7





#13

Acrolein

Concen: 190.076 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

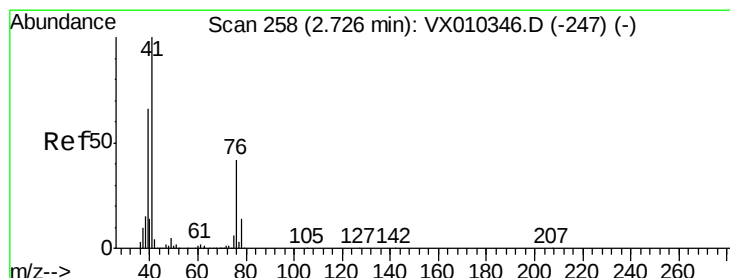
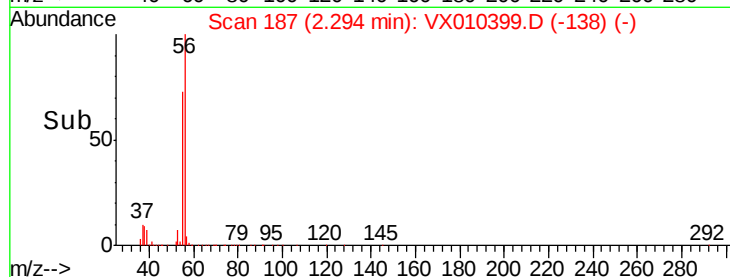
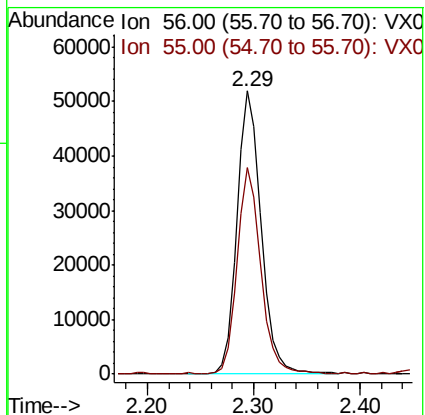
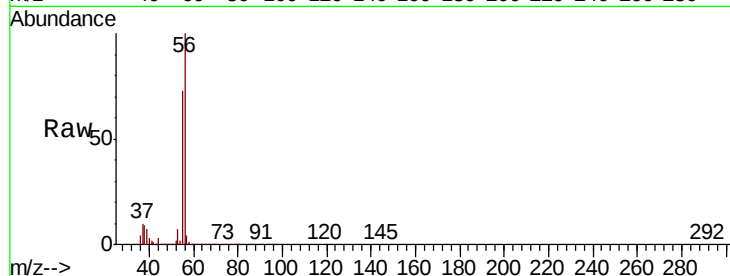
VSTDCCC050EC

Tot Ion: 56 Resp: 82480

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 50.925 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

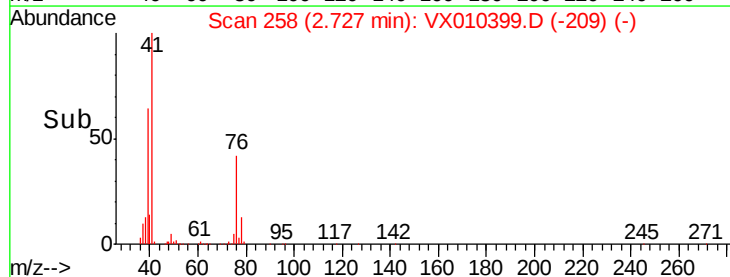
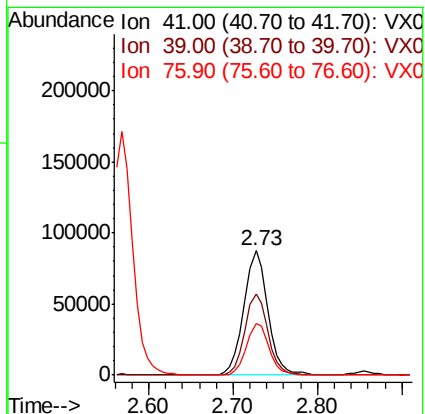
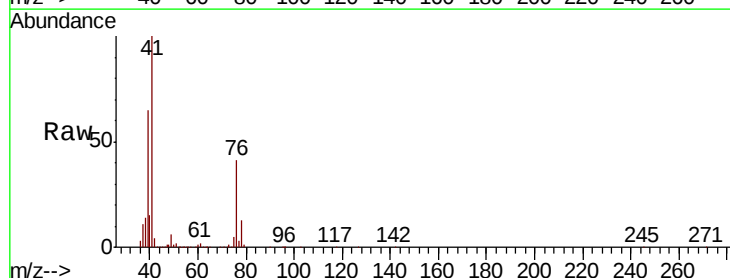
Tgt Ion: 41 Resp: 167085

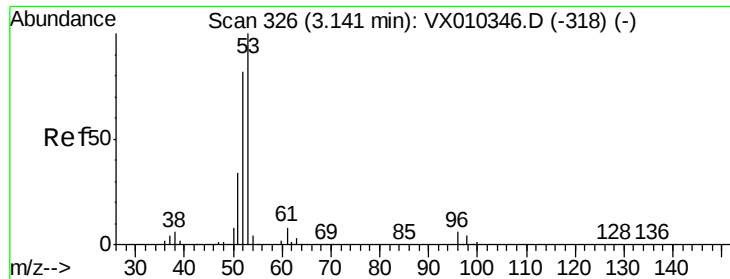
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 259.952 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

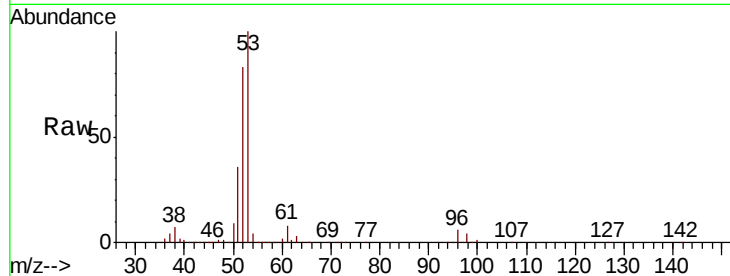
Tot Ion: 53 Resp: 336664

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

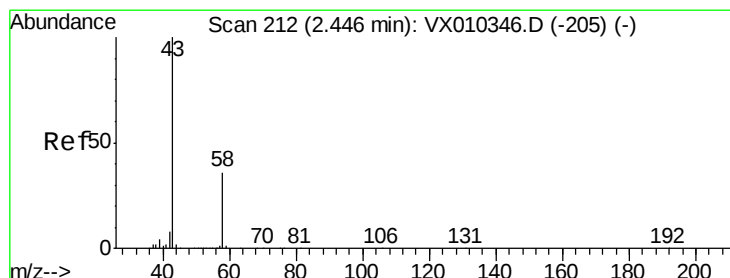
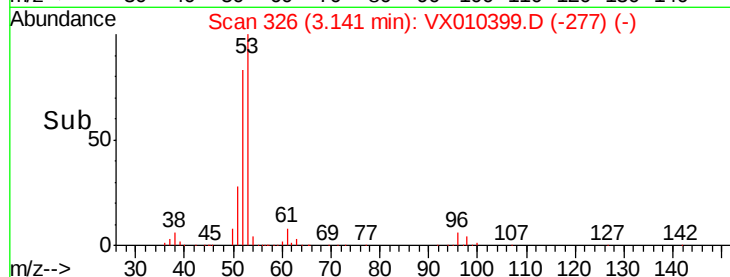
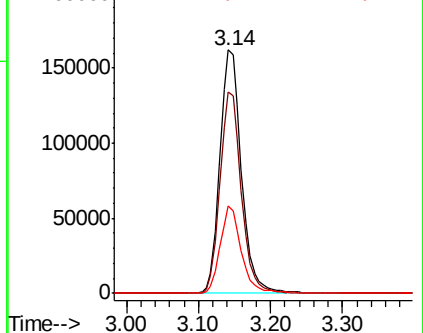
51 35.1 28.2 42.4



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: 221.055 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010399.D

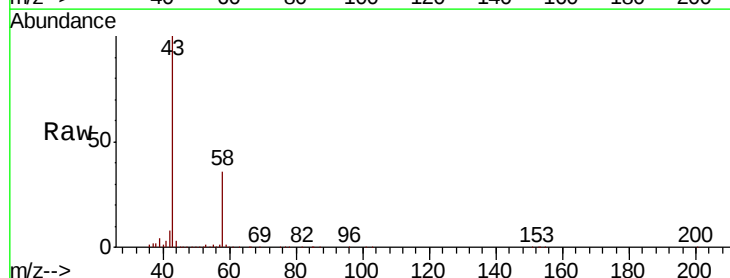
Acq: 21 Jun 2019 20:52

Tgt Ion: 43 Resp: 276948

Ion Ratio Lower Upper

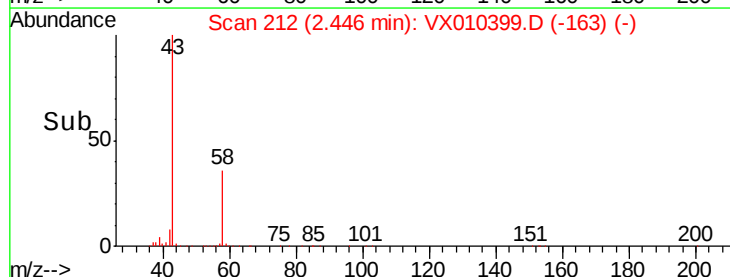
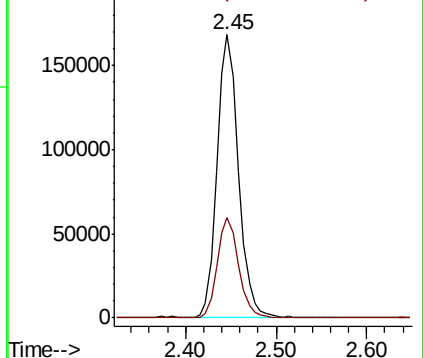
43 100

58 35.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

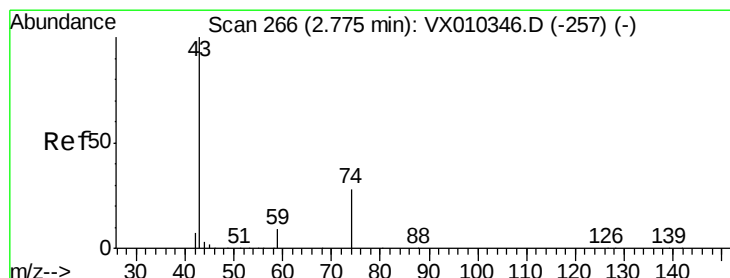
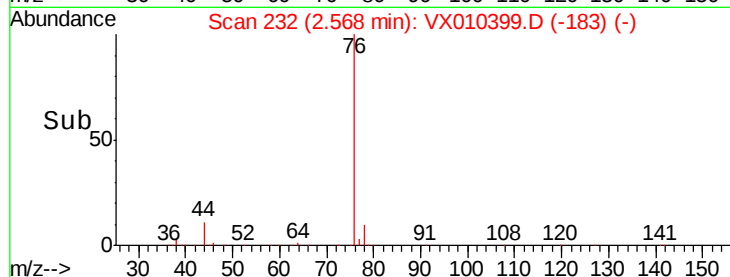
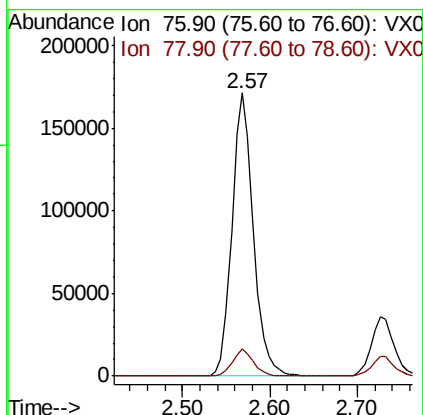
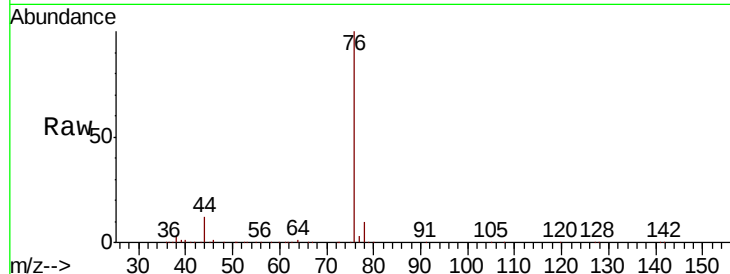




#17
Carbon Disulfide
Concen: 47.098 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

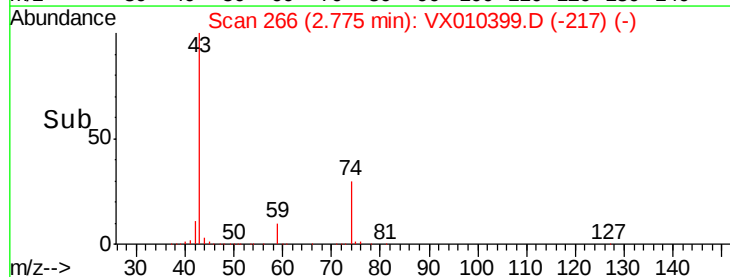
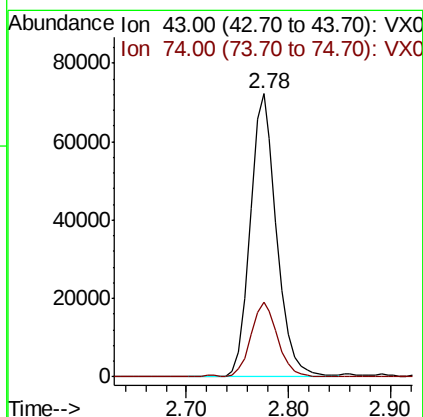
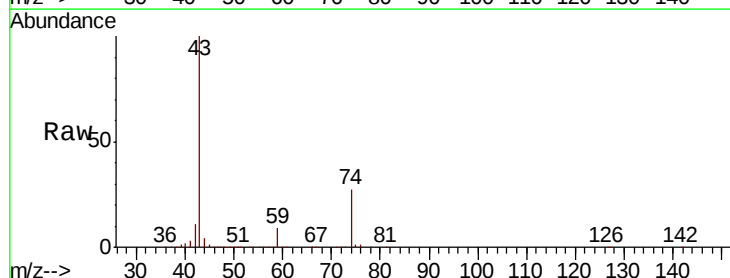
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

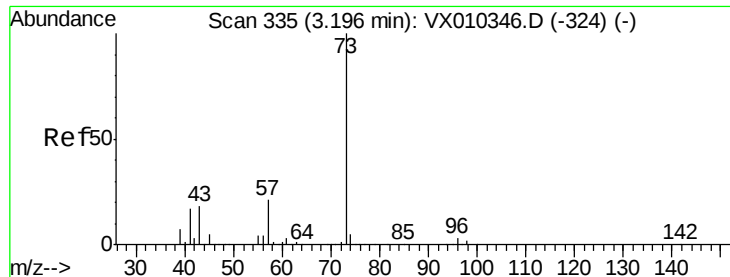
Tot Ion: 76 Resp: 292015
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 51.735 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 43 Resp: 129181
Ion Ratio Lower Upper
43 100
74 27.3 21.3 31.9

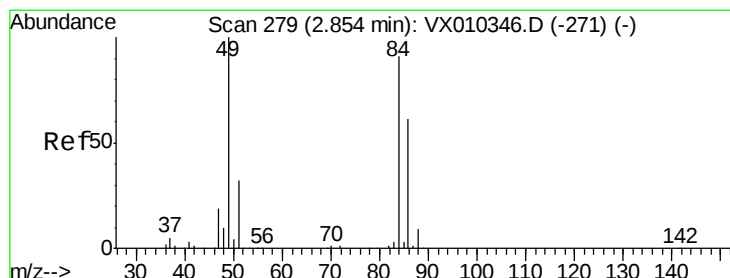
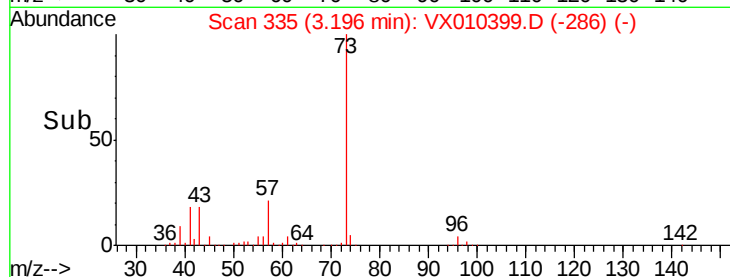
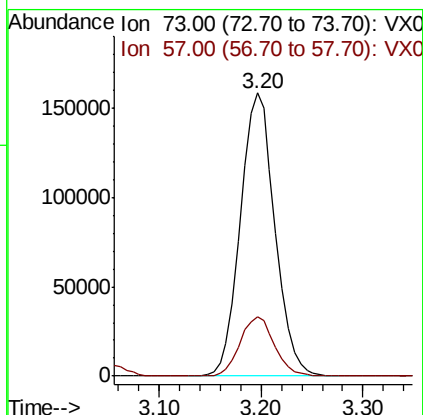
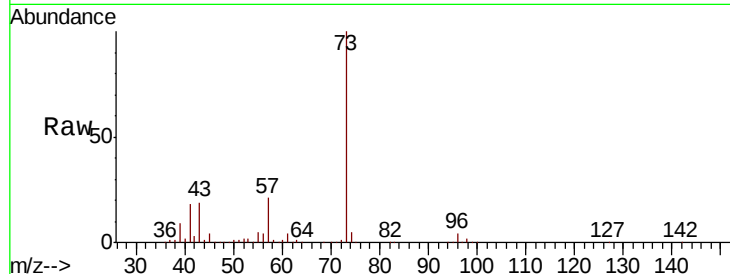




#19
Methyl tert-butyl Ether
Concen: 51.202 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

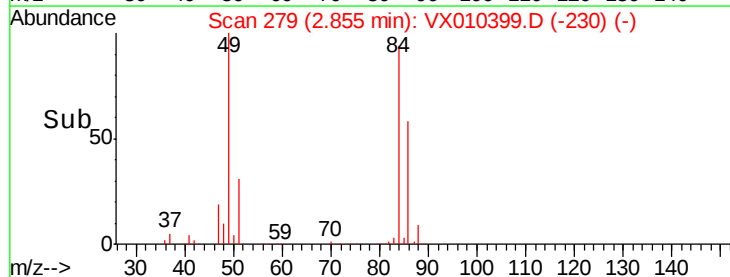
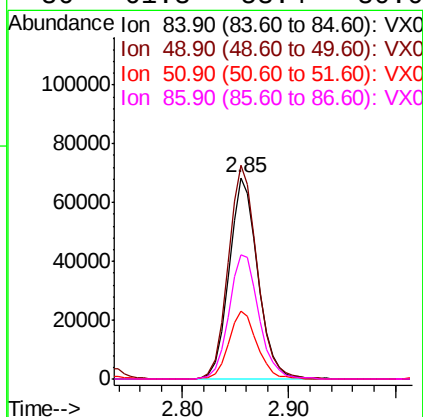
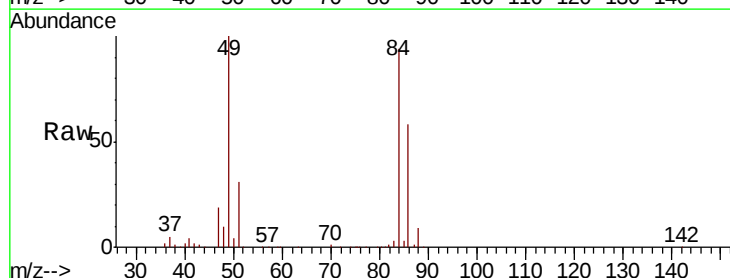
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

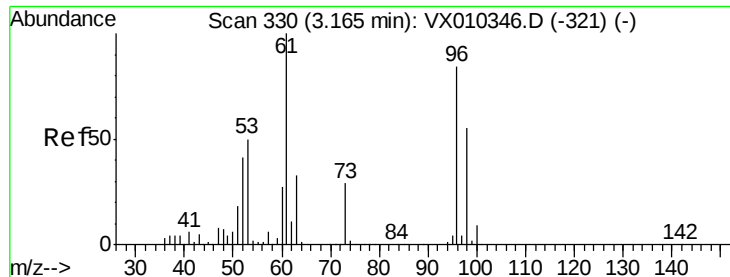
Tot Ion: 73 Resp: 372254
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 50.063 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 84 Resp: 129077
Ion Ratio Lower Upper
84 100
49 105.9 87.5 131.3
51 33.4 27.7 41.5
86 61.3 53.4 80.0

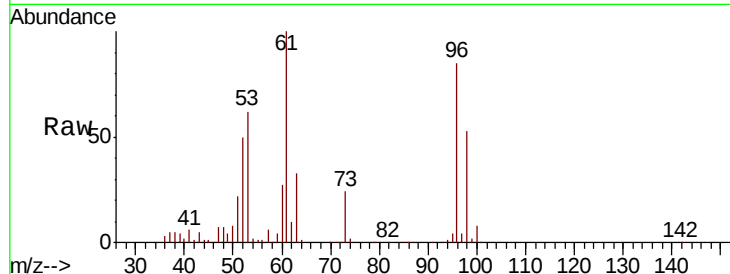




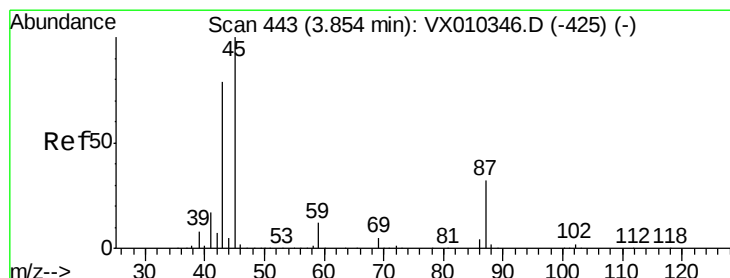
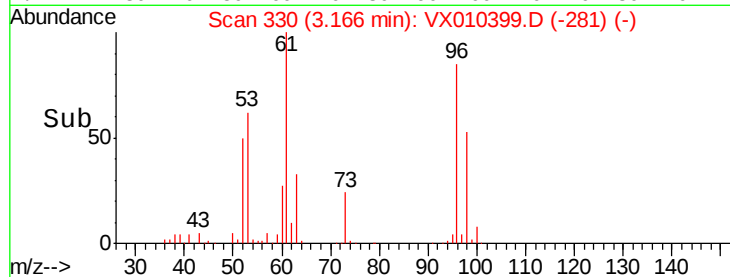
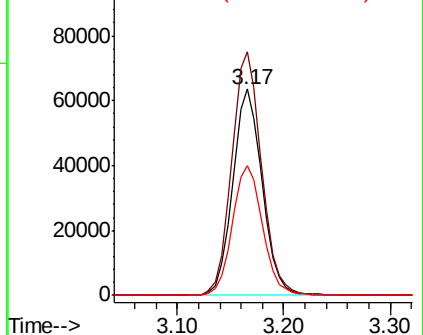
#21
trans-1,2-Dichloroethene
Concen: 49.744 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 123639
Ion Ratio Lower Upper
96 100
61 118.3 95.6 143.4
98 63.0 52.5 78.7

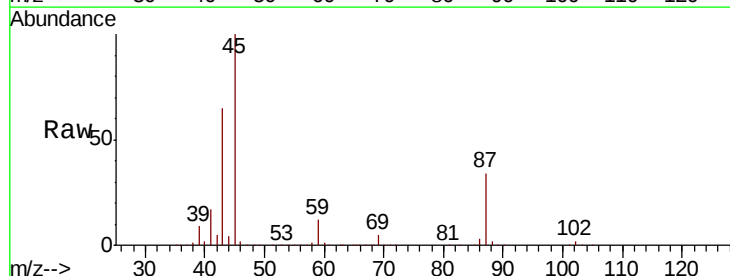


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

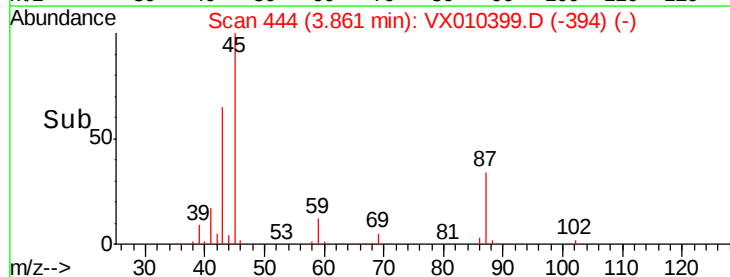
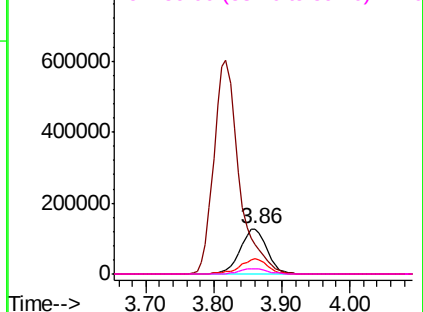


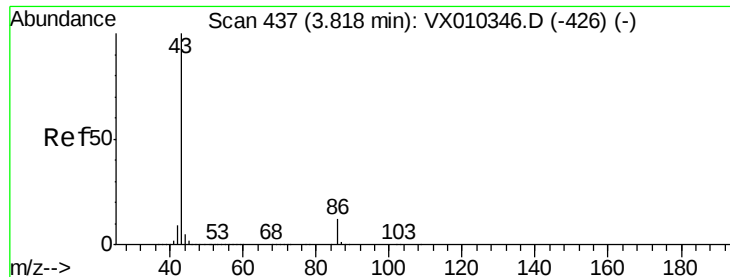
#22
Diisopropyl ether
Concen: 51.126 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 45 Resp: 350712
Ion Ratio Lower Upper
45 100
43 64.9 63.3 94.9
87 34.3 25.8 38.8
59 11.8 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

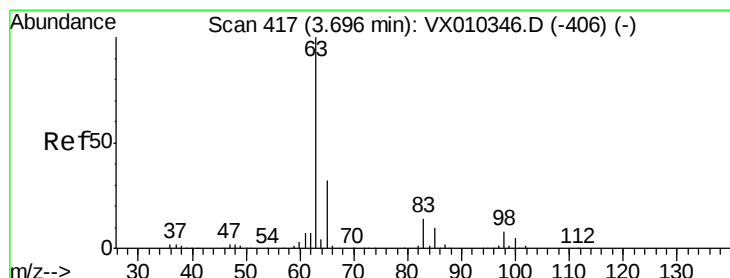
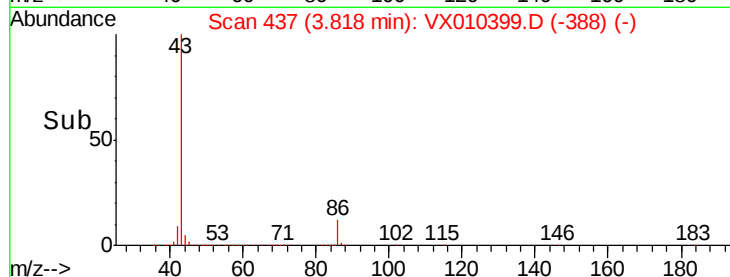
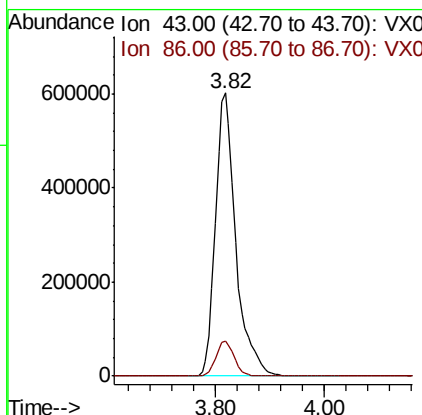
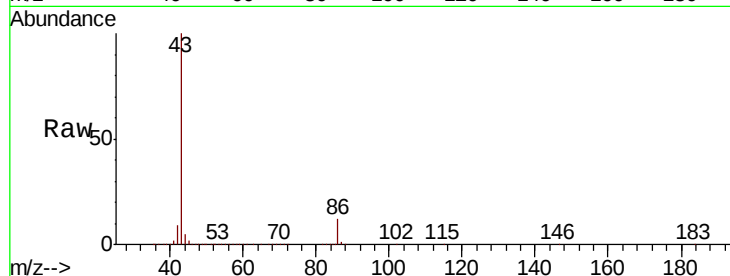




#23
 Vinyl Acetate
 Concen: 263.496 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

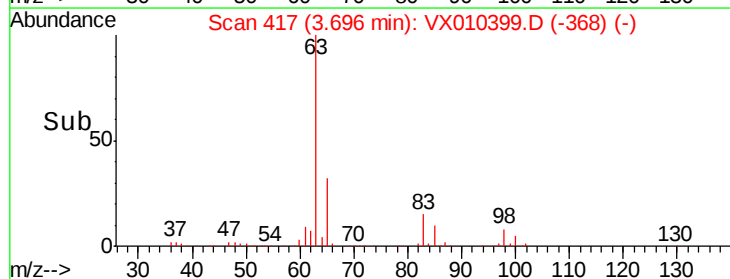
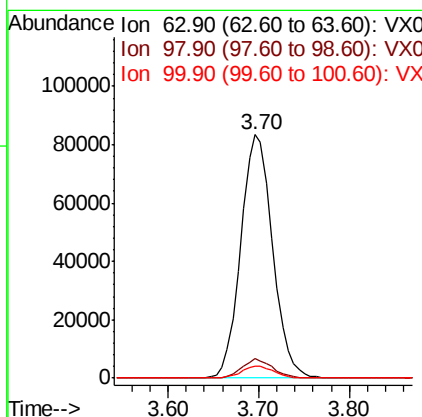
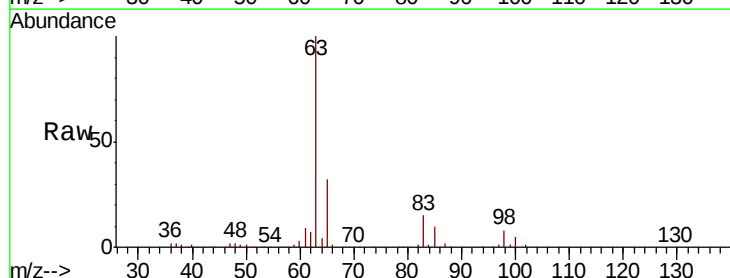
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

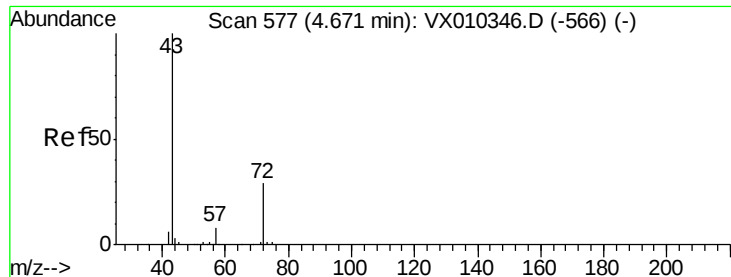
Tot Ion: 43 Resp: 1561509
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 51.075 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 63 Resp: 202522
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 249.131 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

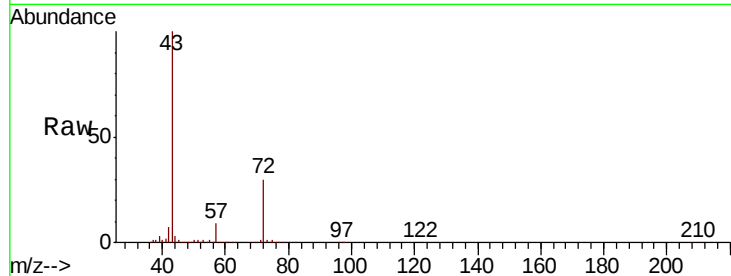
VSTDCCC050EC

Tot Ion: 43 Resp: 457845

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

150000

100000

50000

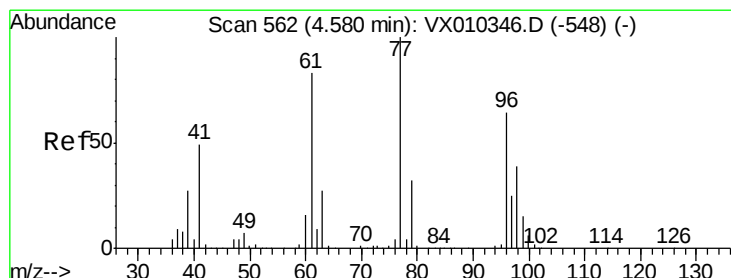
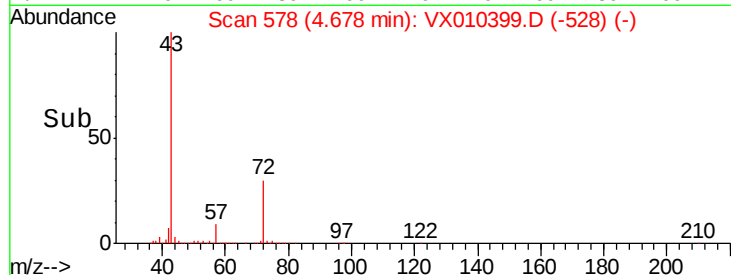
0

Time-->

4.60

4.70

4.80



#26

2,2-Dichloropropane

Concen: 43.083 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010399.D

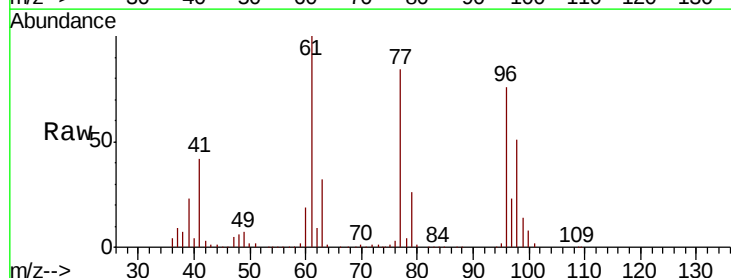
Acq: 21 Jun 2019 20:52

Tgt Ion: 77 Resp: 148400

Ion Ratio Lower Upper

77 100

97 26.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

20000

10000

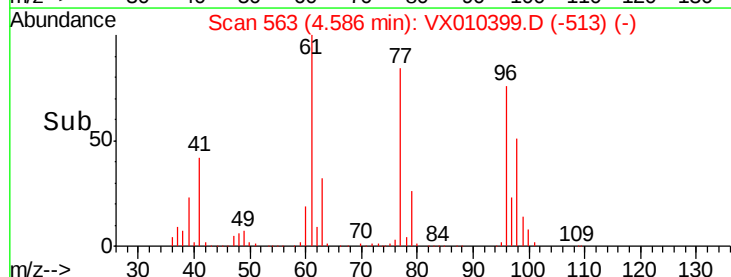
0

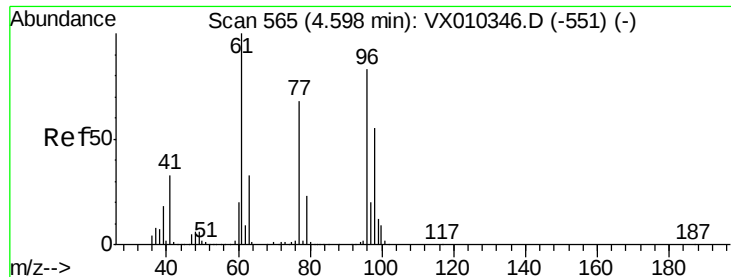
Time-->

4.50

4.60

4.70



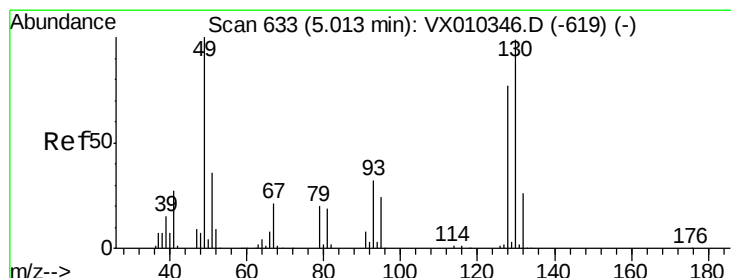
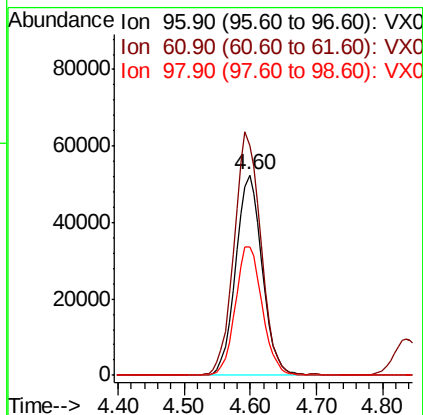
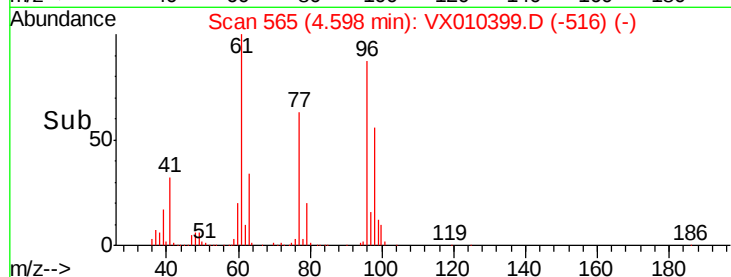
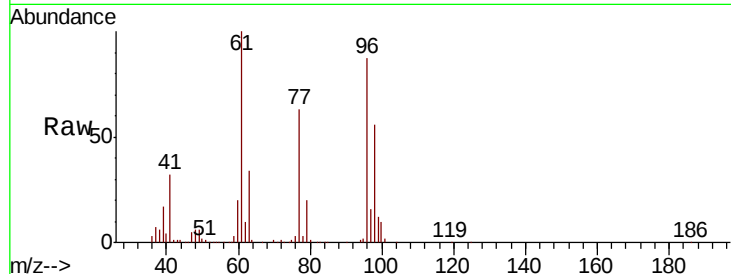


#27

cis-1,2-Dichloroethene
Concen: 50.739 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

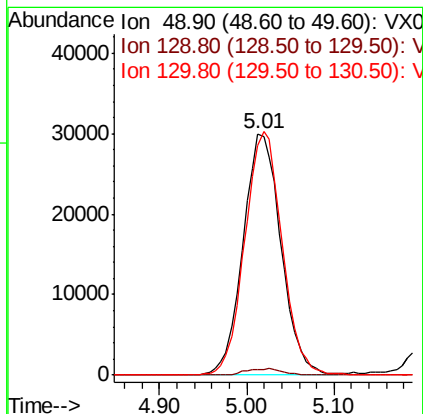
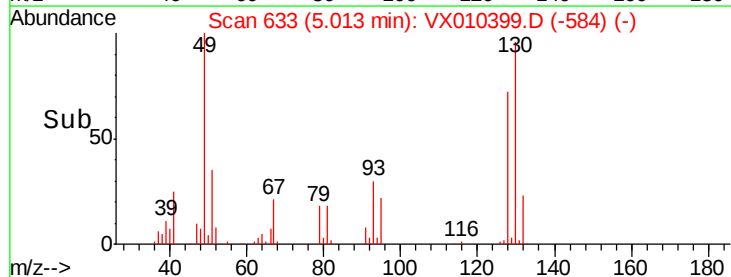
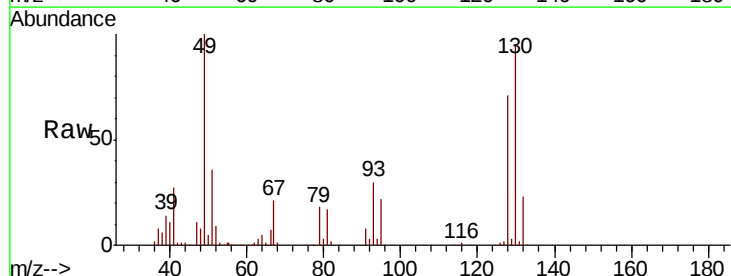
Tot Ion: 96 Resp: 145734
Ion Ratio Lower Upper
96 100
61 122.9 0.0 251.8
98 65.0 0.0 129.4

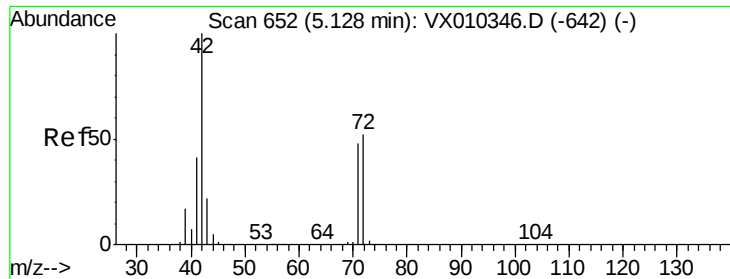


#28

Bromochloromethane
Concen: 47.704 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 49 Resp: 90439
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 99.3 81.4 122.0





#29

Tetrahydrofuran

Concen: 258.646 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

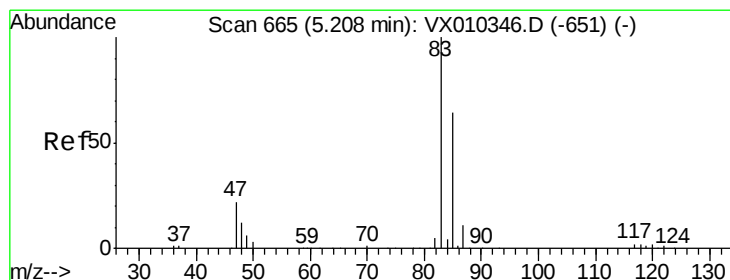
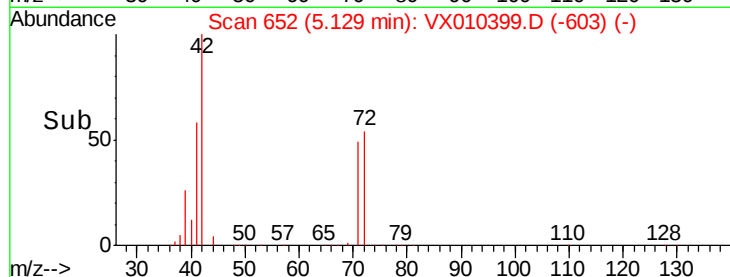
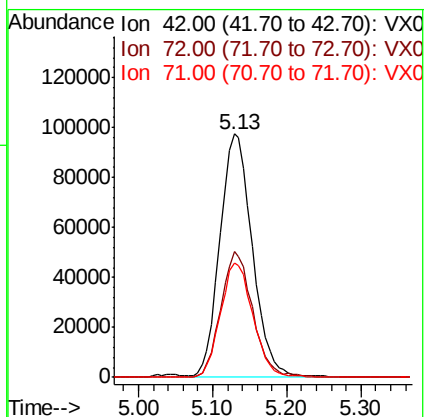
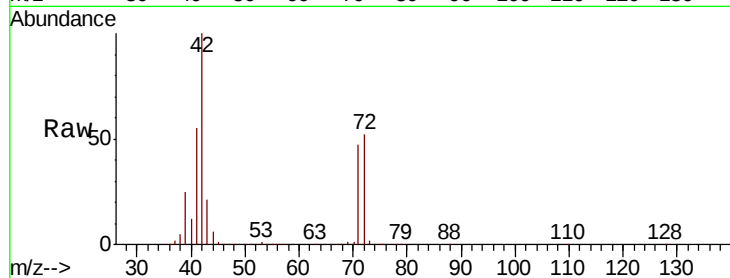
Tot Ion: 42 Resp: 294424

Ion Ratio Lower Upper

42 100

72 51.3 40.6 60.8

71 47.4 37.8 56.8



#30

Chloroform

Concen: 50.331 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010399.D

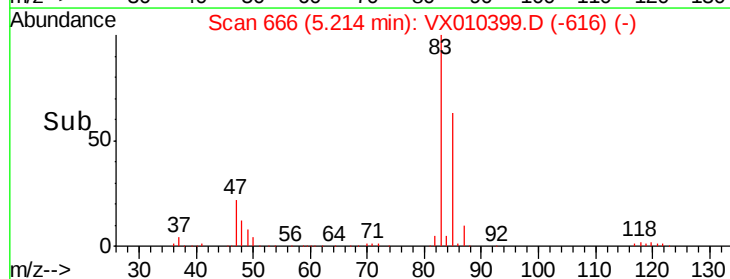
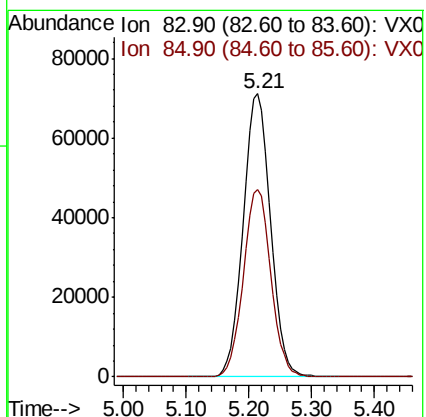
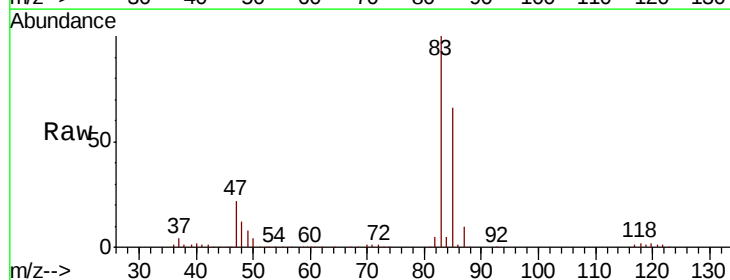
Acq: 21 Jun 2019 20:52

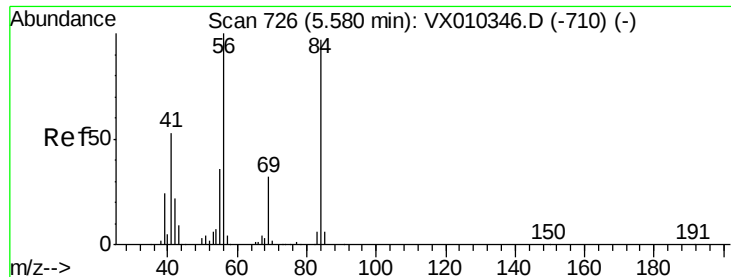
Tgt Ion: 83 Resp: 214729

Ion Ratio Lower Upper

83 100

85 66.4 50.9 76.3

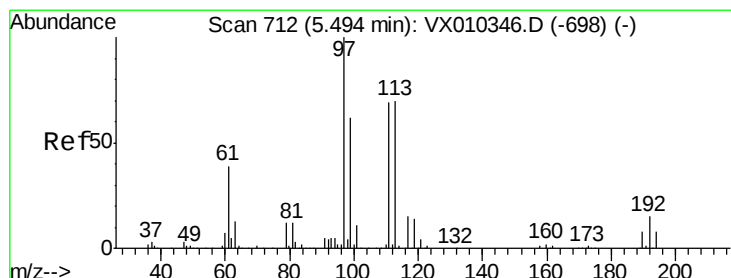
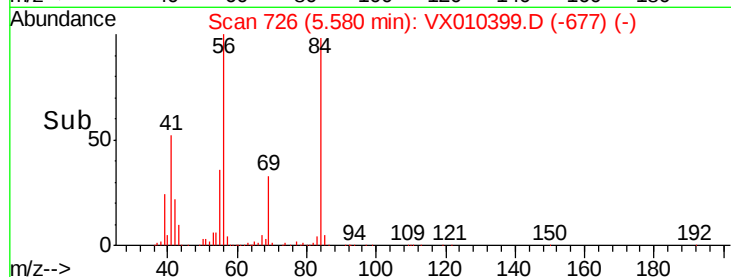
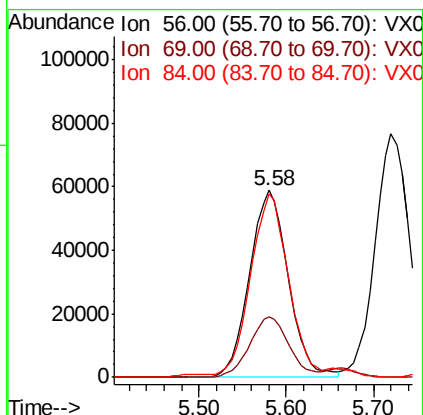
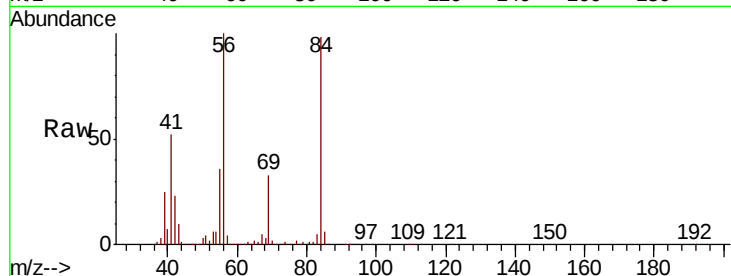




#31
Cyclohexane
Concen: 50.426 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

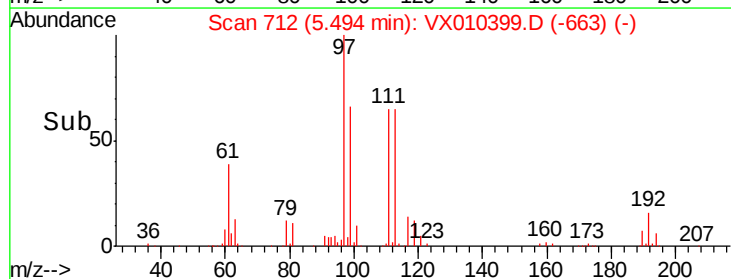
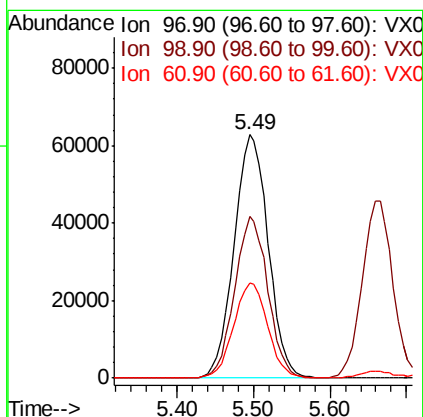
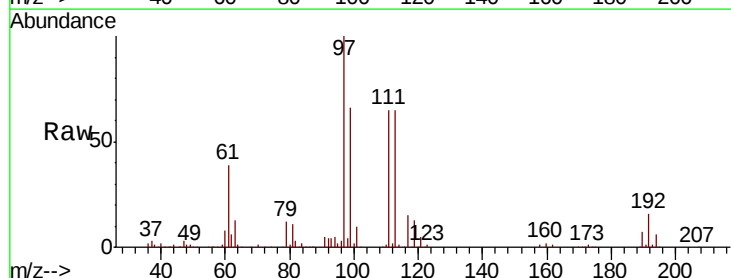
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

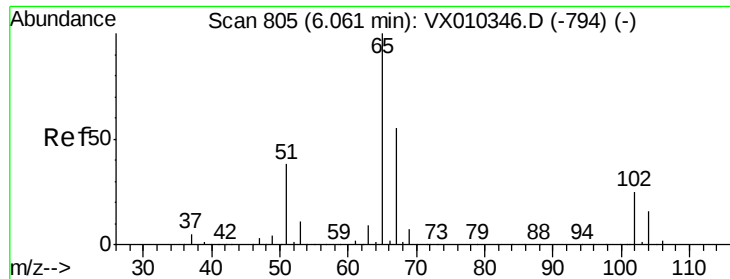
Tot Ion: 56 Resp: 182083
Ion Ratio Lower Upper
56 100
69 32.7 25.9 38.9
84 96.8 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 51.505 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 97 Resp: 194027
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 38.9 32.1 48.1

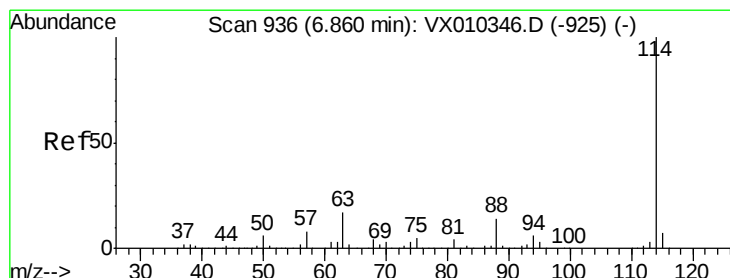
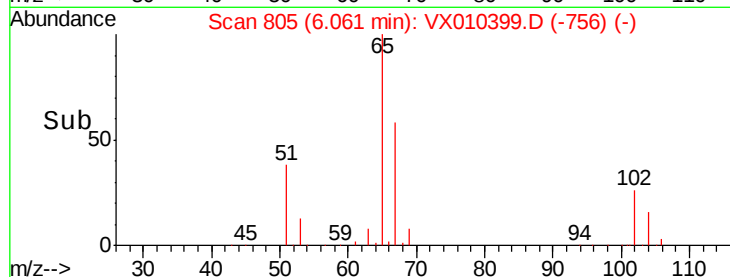
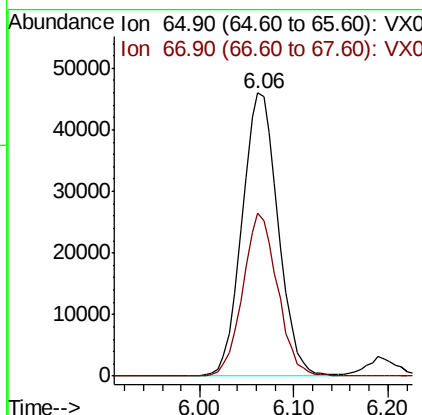
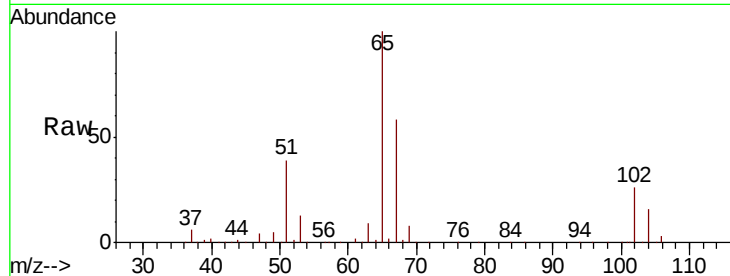




#33
 1,2-Dichloroethane-d4
 Concen: 49.339 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

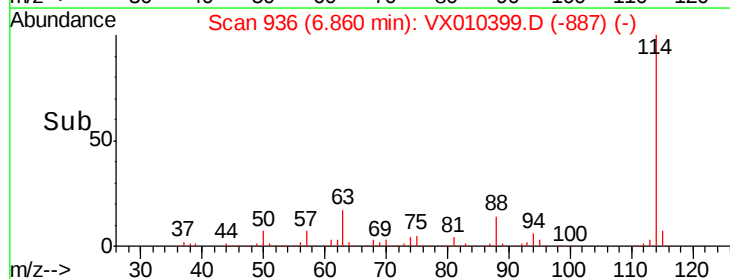
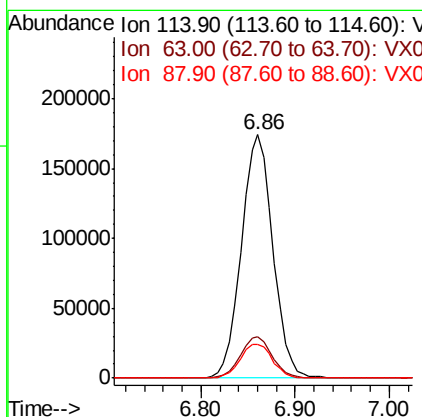
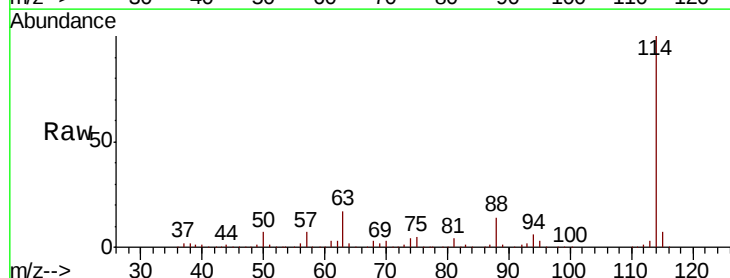
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

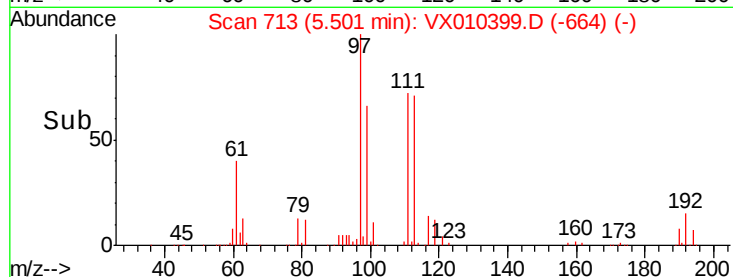
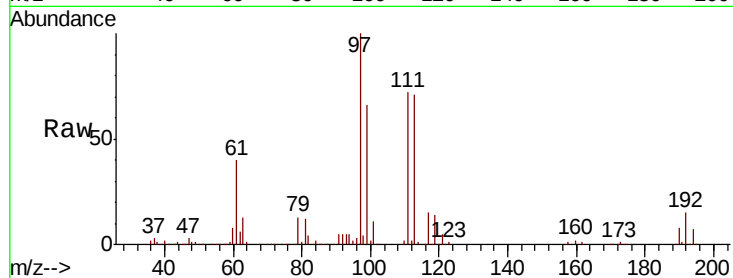
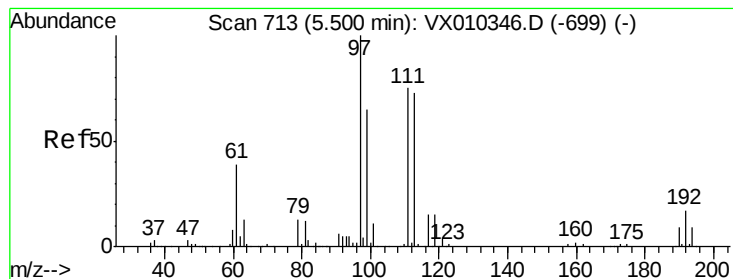
Tot Ion: 65 Resp: 123339
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 114 Resp: 406845
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.754 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

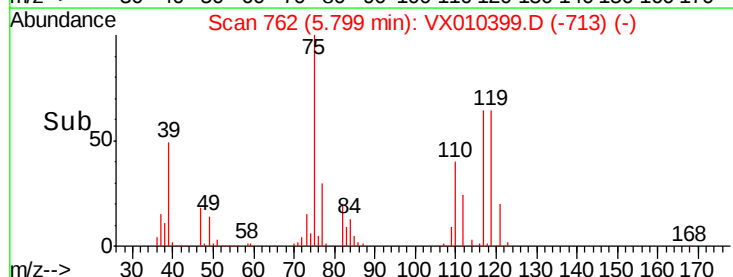
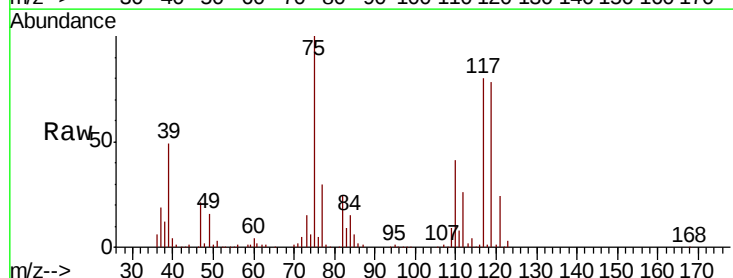
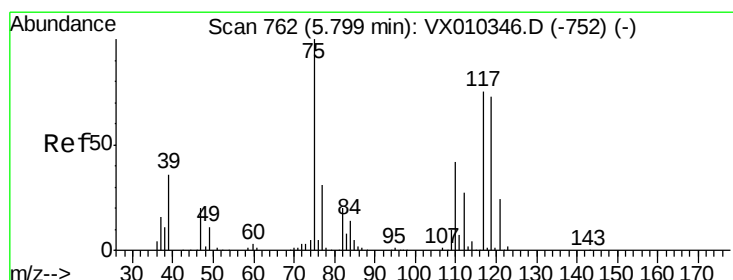
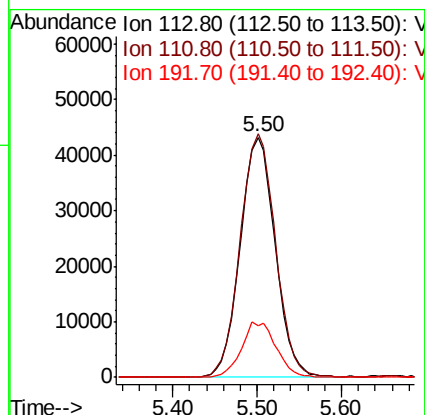
Tot Ion:113 Resp: 121359

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 22.8 18.6 27.8



#36

1,1-Dichloropropene

Concen: 48.408 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

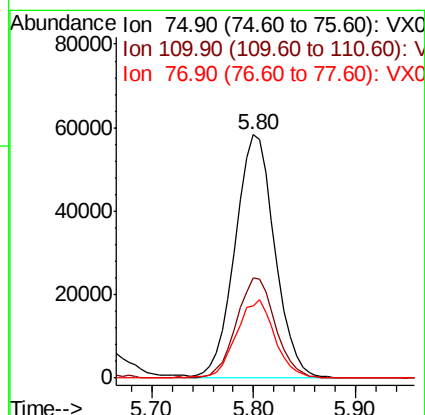
Tgt Ion: 75 Resp: 156504

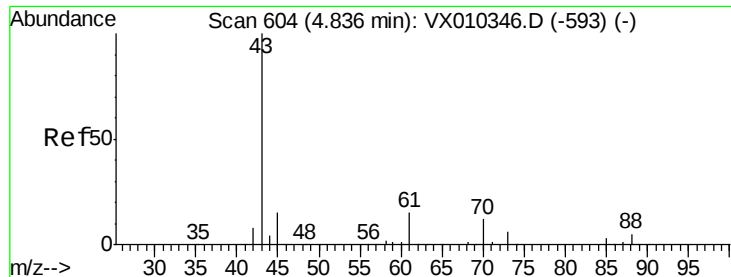
Ion Ratio Lower Upper

75 100

110 40.9 20.8 62.2

77 32.1 25.4 38.0





#37

Ethyl Acetate

Concen: 52.205 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

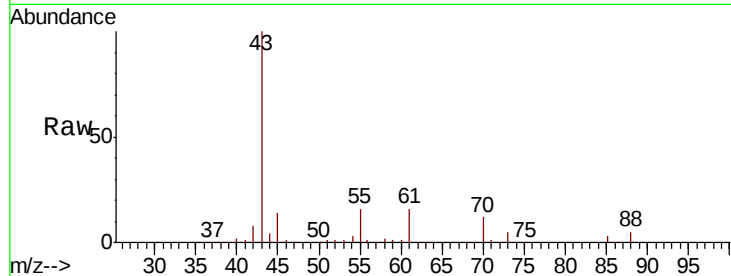
Tot Ion: 43 Resp: 173633

Ion Ratio Lower Upper

43 100

61 15.6 12.4 18.6

70 12.3 9.8 14.8

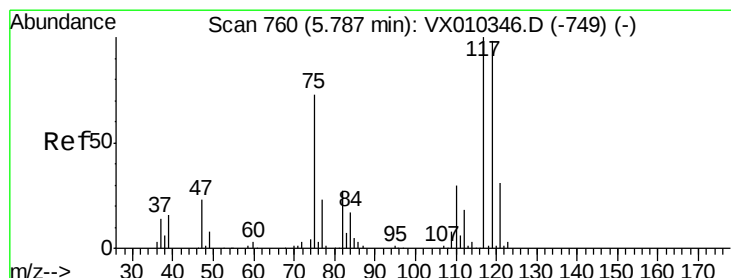
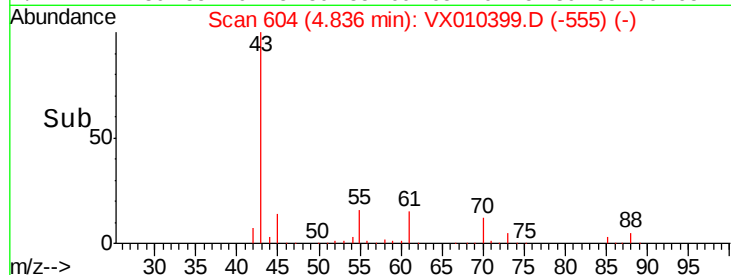
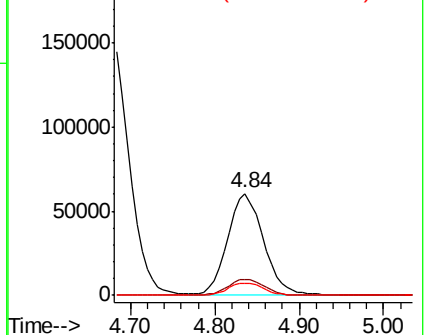


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.335 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

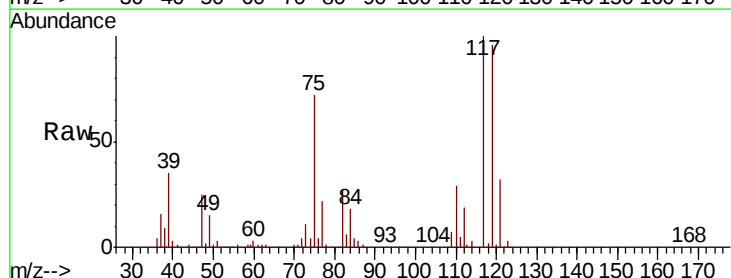
Tgt Ion: 117 Resp: 172718

Ion Ratio Lower Upper

117 100

119 96.0 78.2 117.4

121 31.6 24.7 37.1

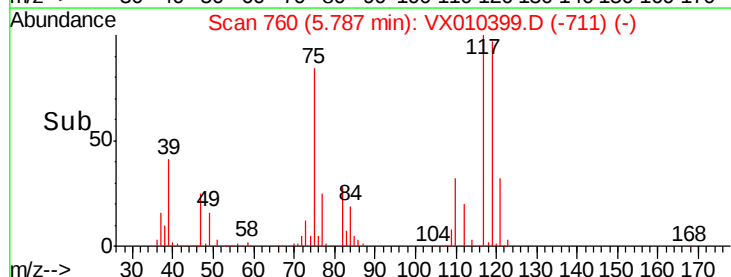
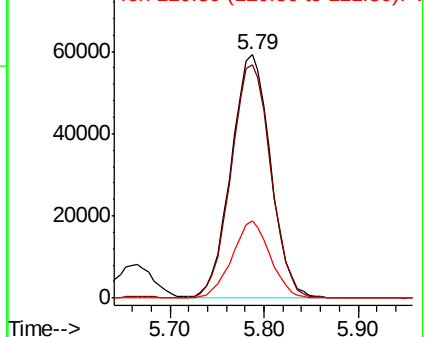


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

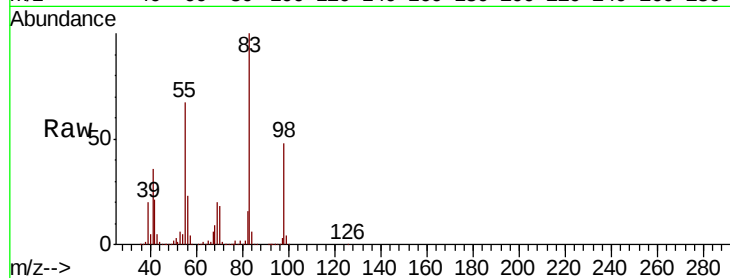




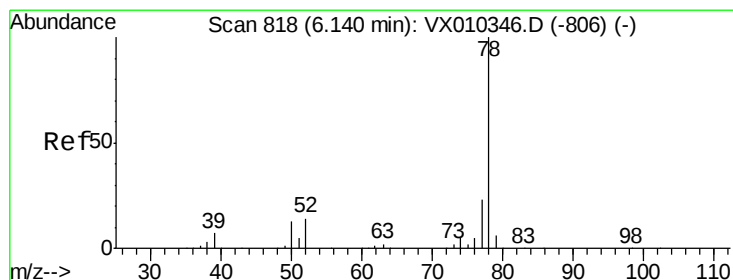
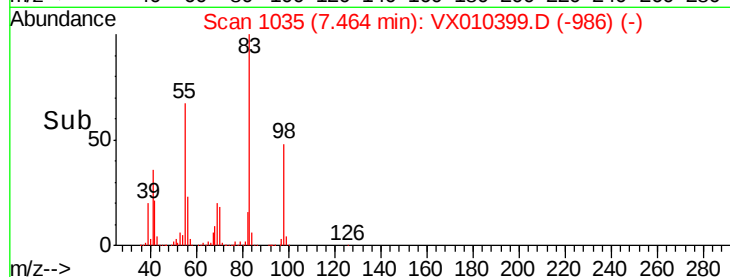
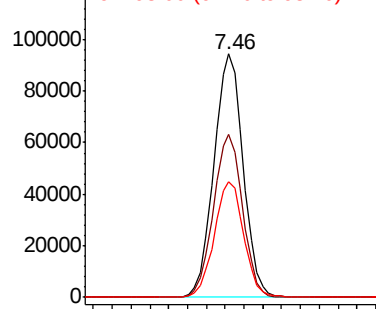
#39
Methvlcvclohexane
Concen: 48.260 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 205091
Ion Ratio Lower Upper
83 100
55 67.2 53.0 79.6
98 47.7 37.8 56.8

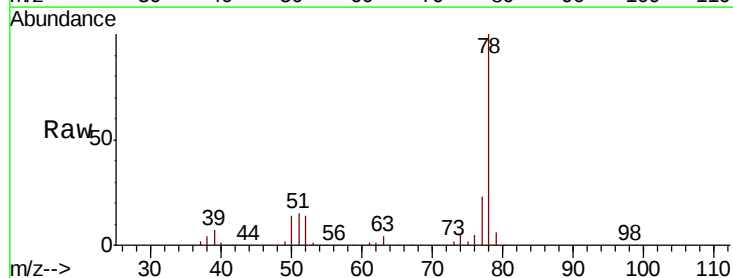


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

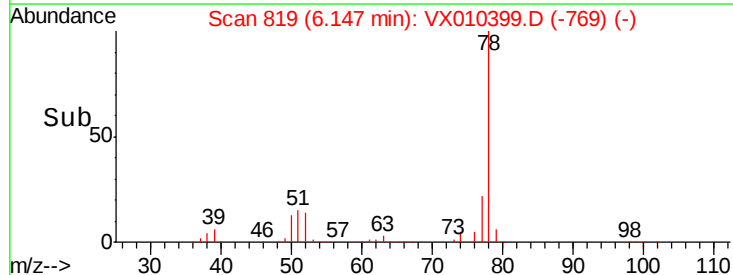
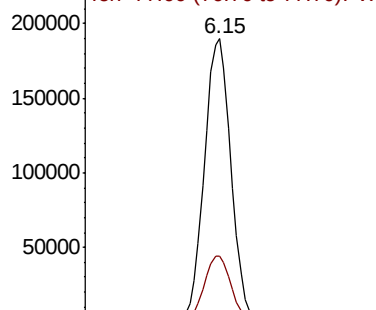


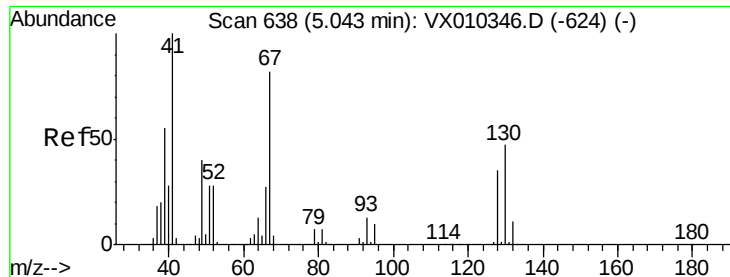
#40
Benzene
Concen: 49.992 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 78 Resp: 503539
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0



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





#41

Methacrylonitrile

Concen: 51.001 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 93072

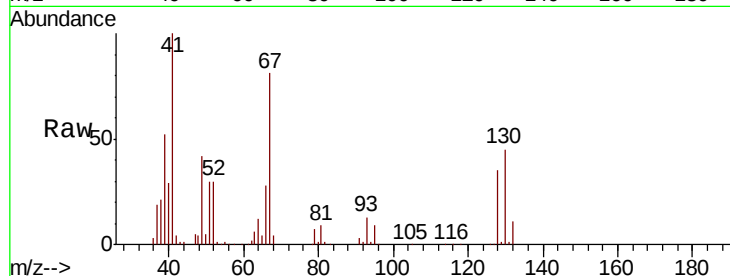
Ion Ratio Lower Upper

41 100

39 53.0 43.8 65.8

67 83.5 66.6 100.0

52 32.4 24.5 36.7

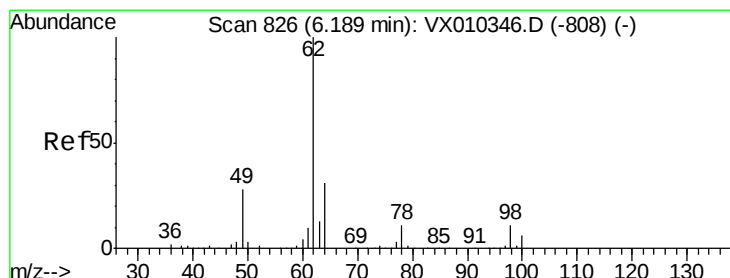
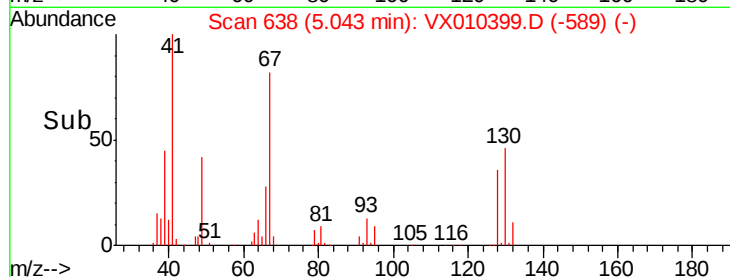
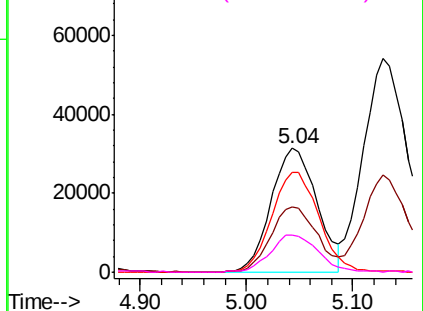


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.229 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010399.D

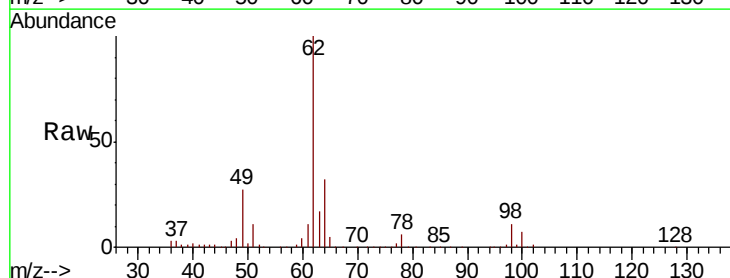
Acq: 21 Jun 2019 20:52

Tgt Ion: 62 Resp: 157069

Ion Ratio Lower Upper

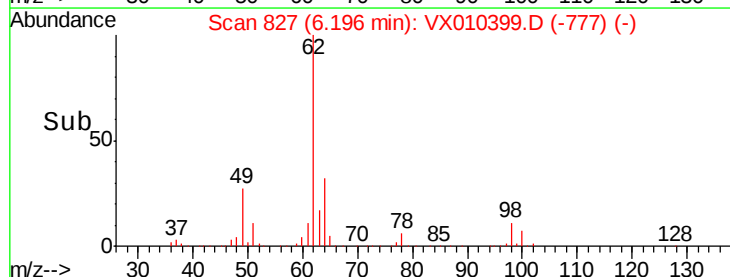
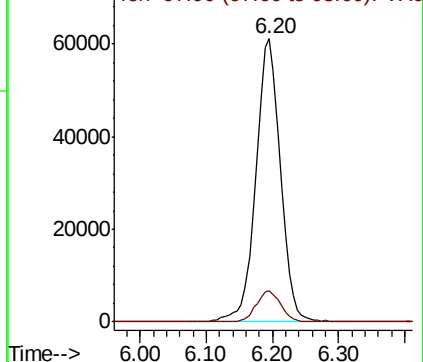
62 100

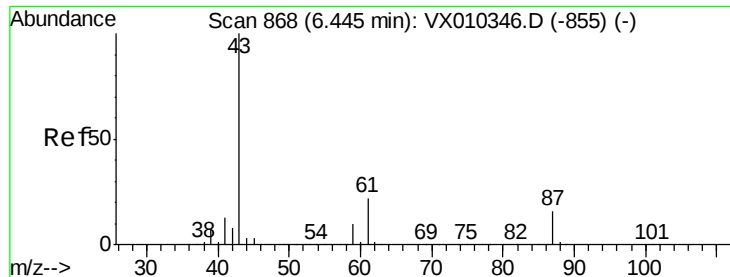
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.555 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

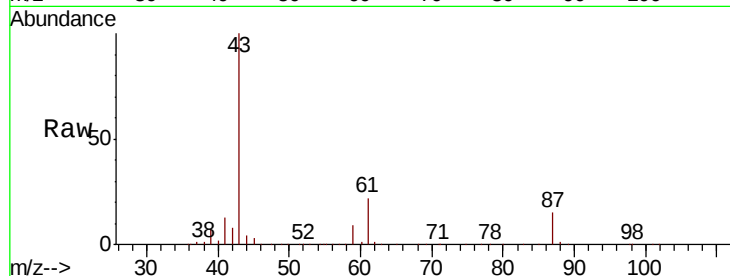
Tot Ion: 43 Resp: 283698

Ion Ratio Lower Upper

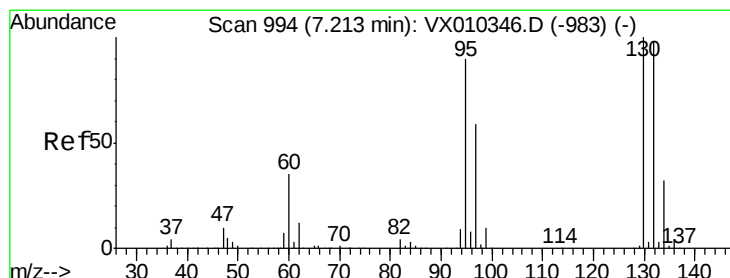
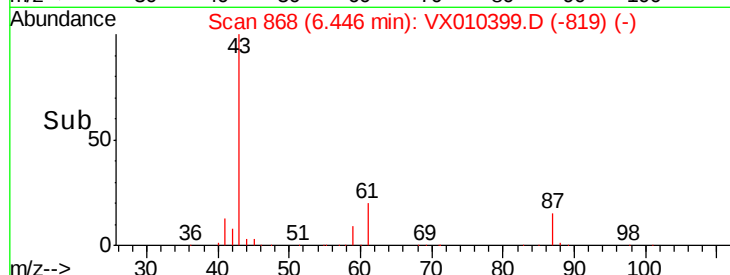
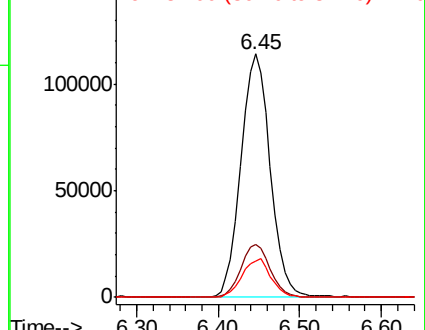
43 100

61 21.7 17.8 26.6

87 15.7 13.0 19.4



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



#44

Trichloroethene

Concen: 49.260 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010399.D

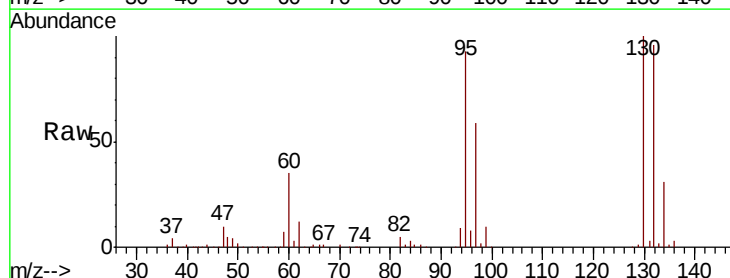
Acq: 21 Jun 2019 20:52

Tgt Ion:130 Resp: 148467

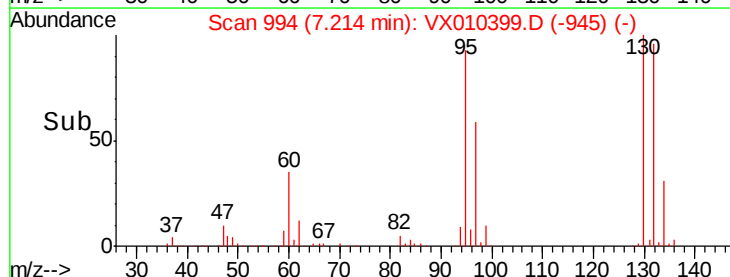
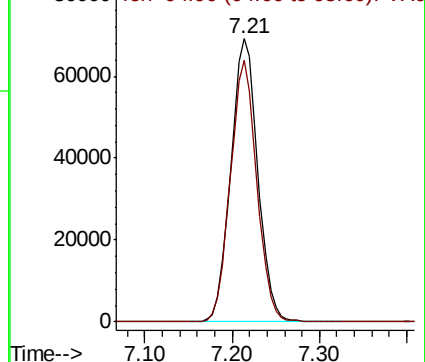
Ion Ratio Lower Upper

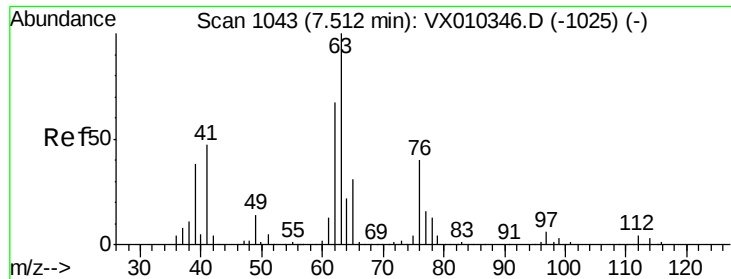
130 100

95 92.6 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 49.549 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

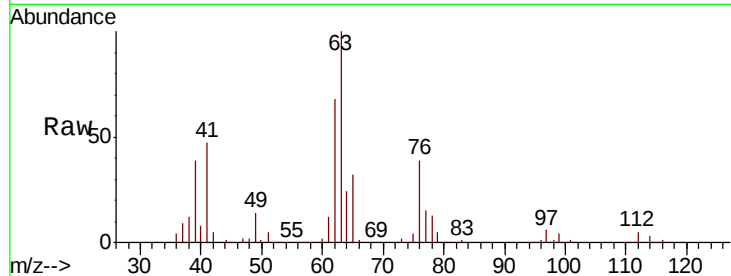
VSTDCCC050EC

Tot Ion: 63 Resp: 126030

Ion Ratio Lower Upper

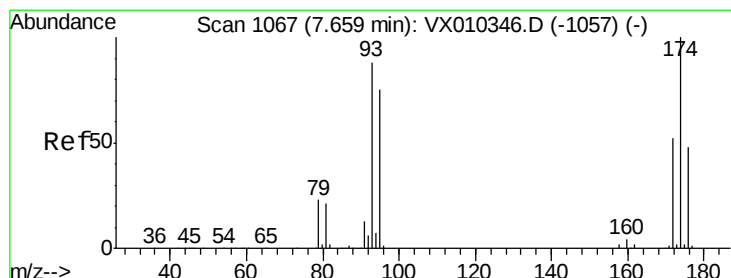
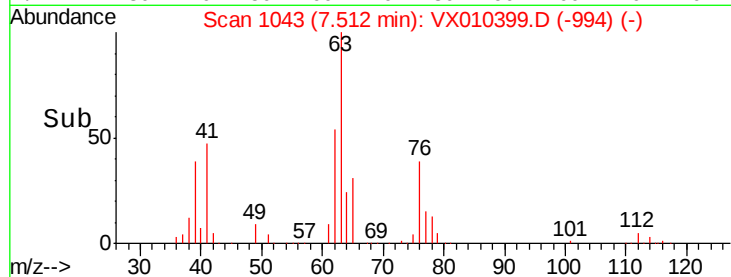
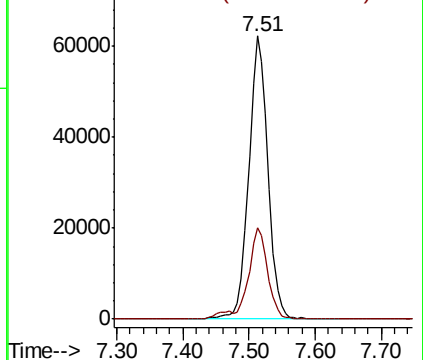
63 100

65 32.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.807 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

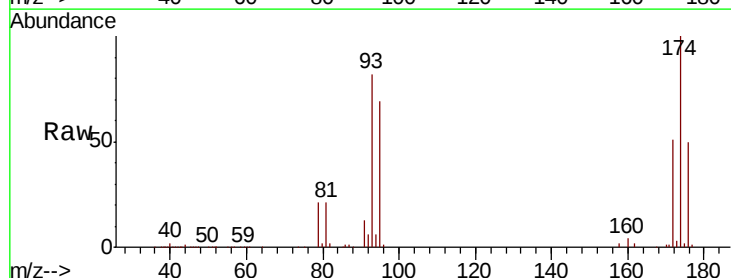
Tgt Ion: 93 Resp: 90894

Ion Ratio Lower Upper

93 100

95 84.5 67.5 101.3

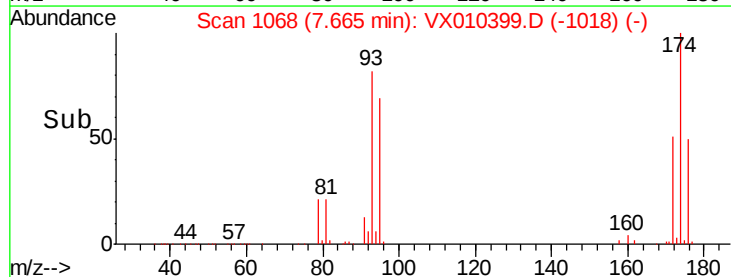
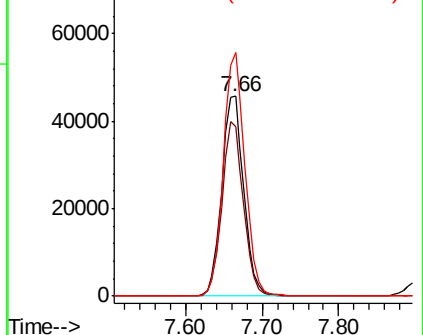
174 119.1 95.8 143.6

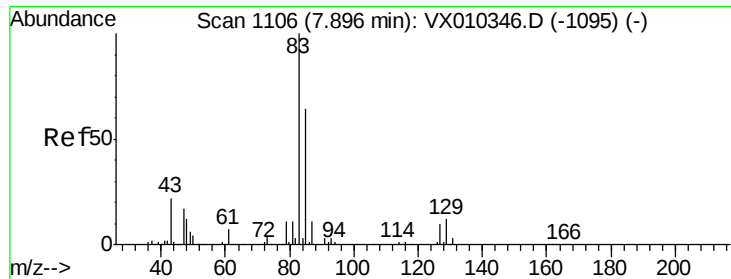


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

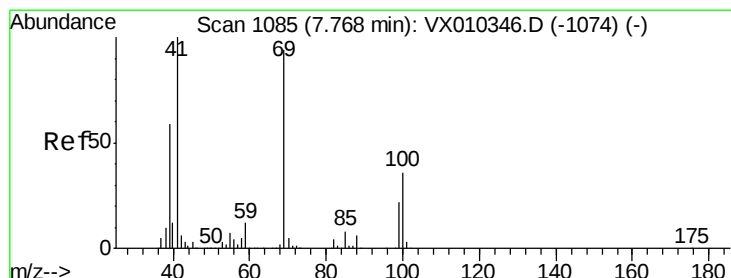
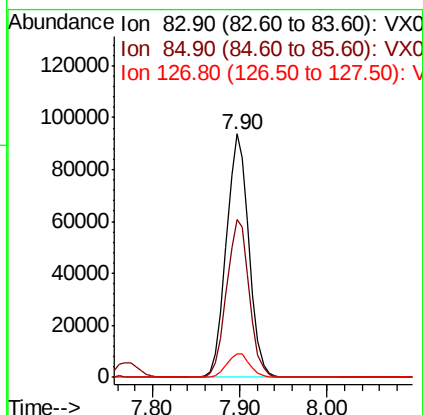
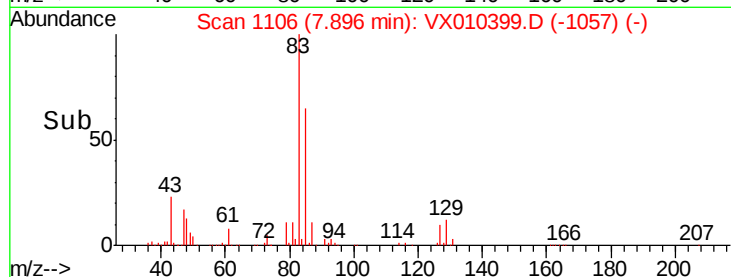
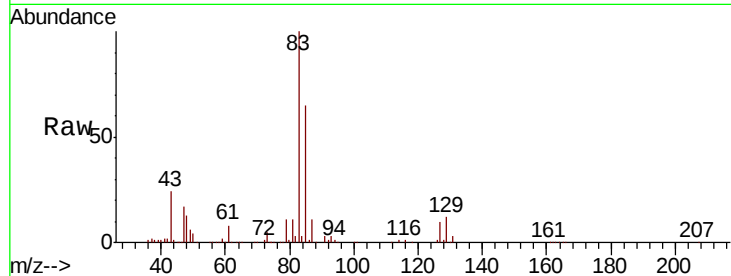




#47
Bromodichloromethane
Concen: 50.013 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

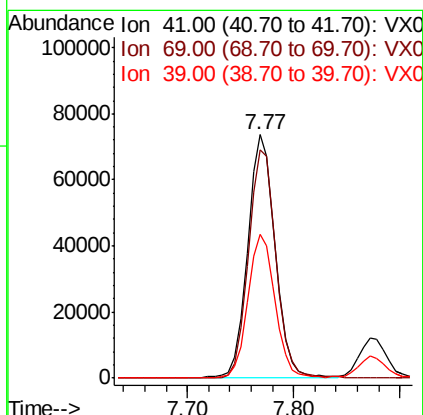
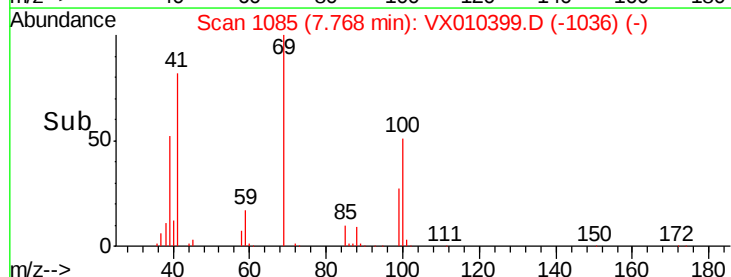
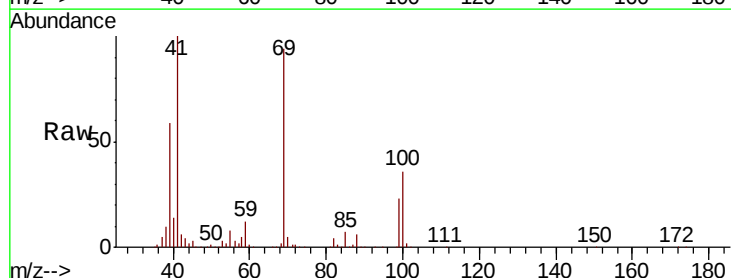
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

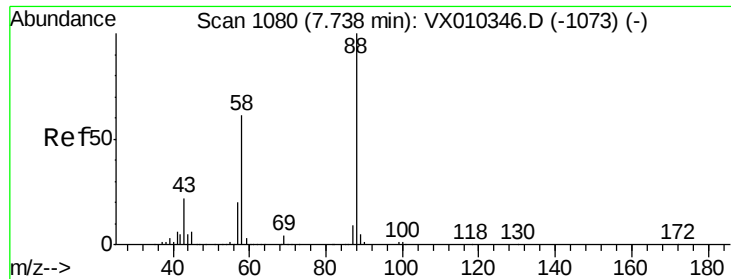
Tot Ion: 83 Resp: 167266
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3
127 9.8 7.8 11.8



#48
Methyl methacrylate
Concen: 51.746 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 41 Resp: 132354
Ion Ratio Lower Upper
41 100
69 94.7 76.1 114.1
39 58.7 47.6 71.4

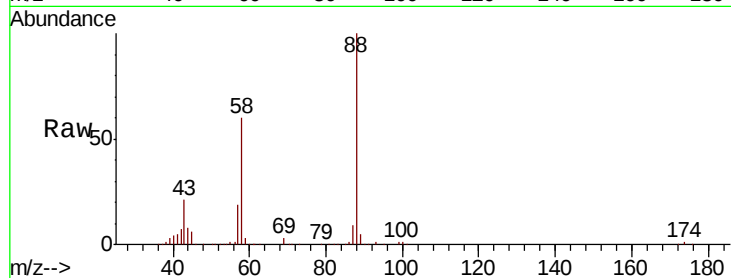




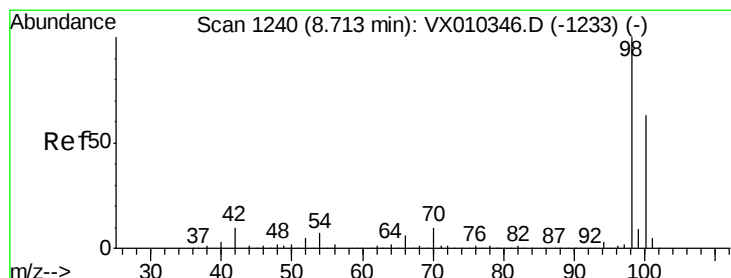
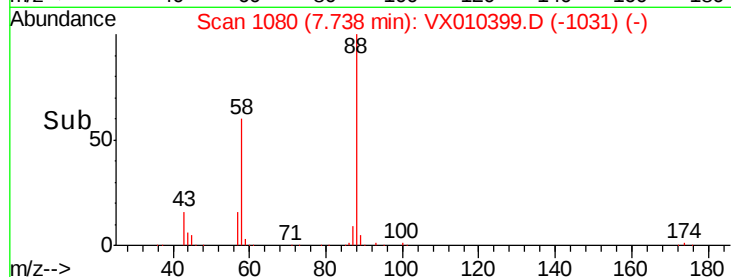
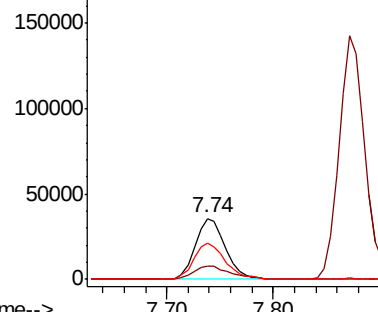
#49
1,4-Dioxane
Concen: 955.132 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 70377
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.2
58 62.6 49.5 74.3

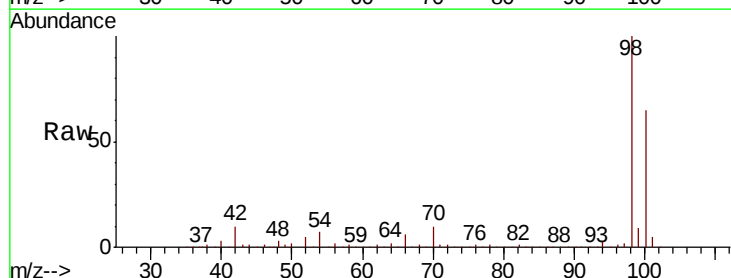


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

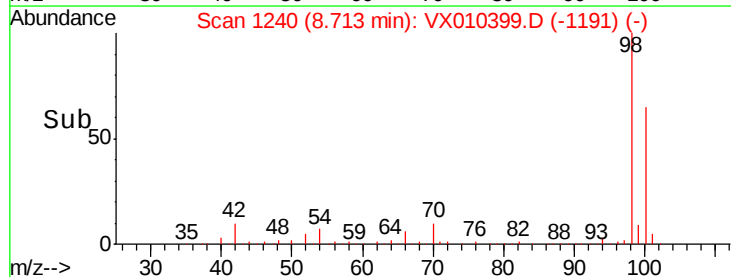
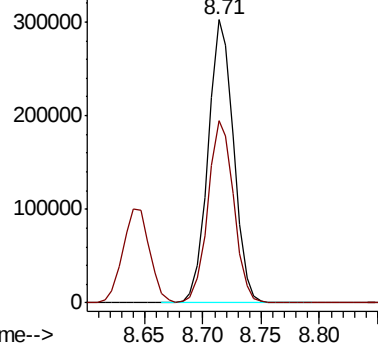


#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 98 Resp: 461743
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

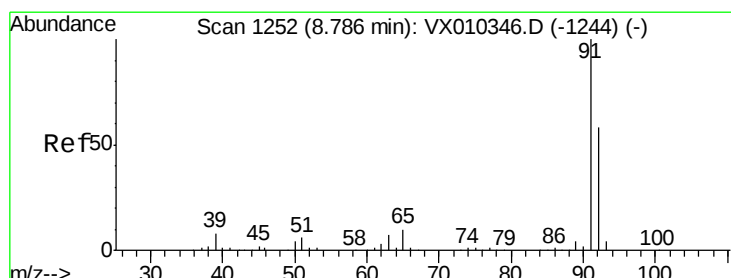
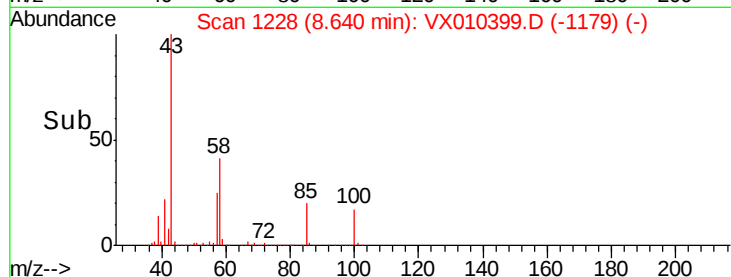
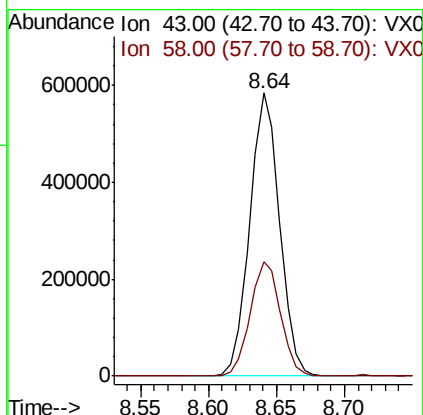
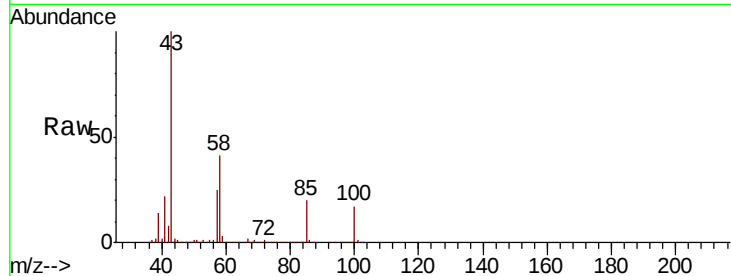




#51
4-Methyl-2-Pentanone
Concen: 255.799 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

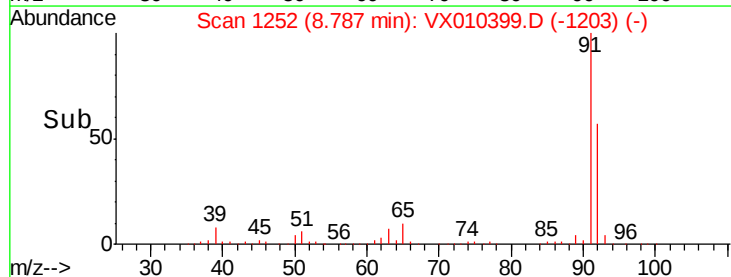
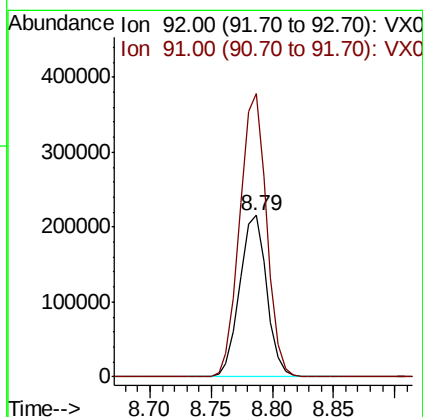
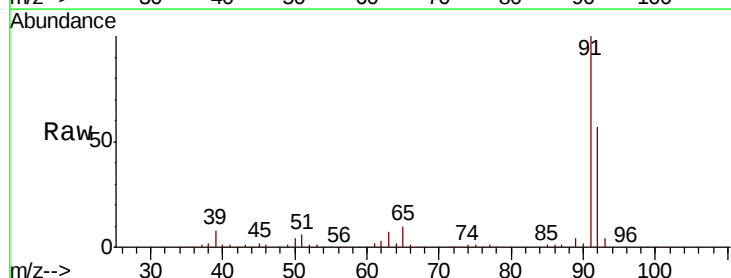
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

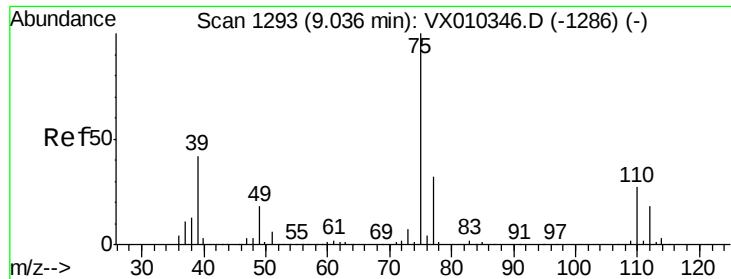
Tot Ion: 43 Resp: 900252
Ion Ratio Lower Upper
43 100
58 41.3 33.5 50.3



#52
Toluene
Concen: 49.645 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 92 Resp: 329296
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6

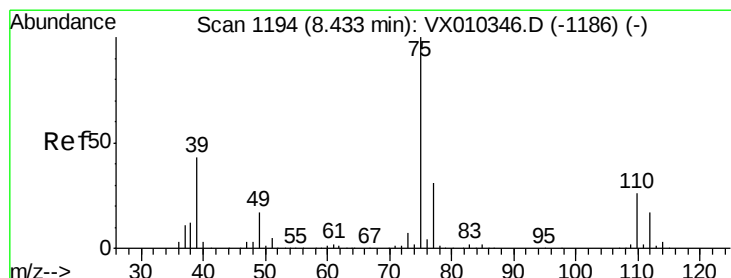
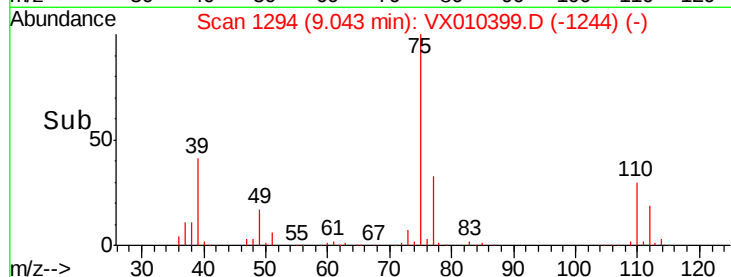
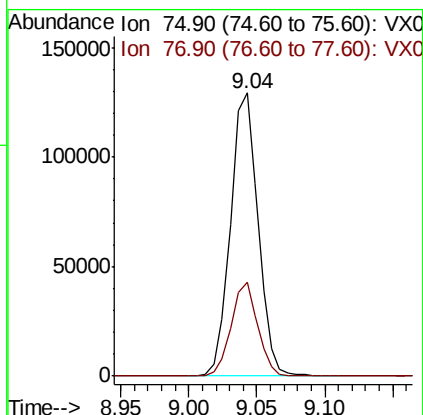
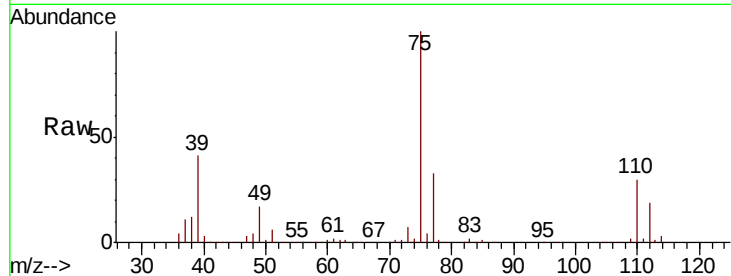




#53
 t-1,3-Dichloropropene
 Concen: 48.654 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

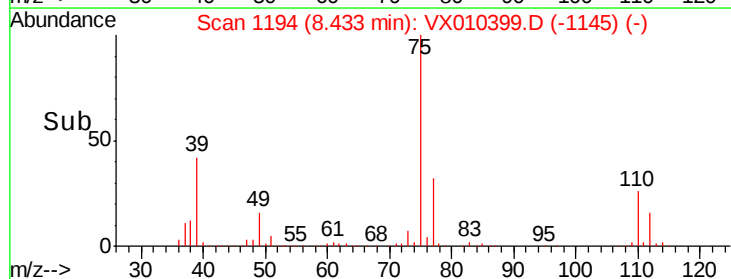
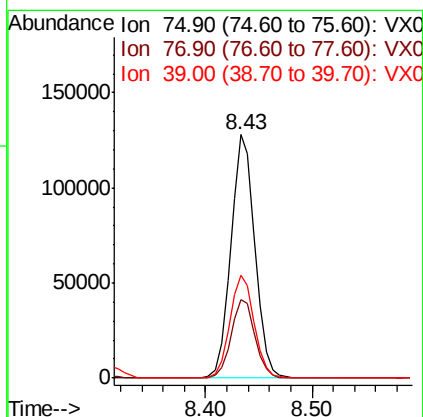
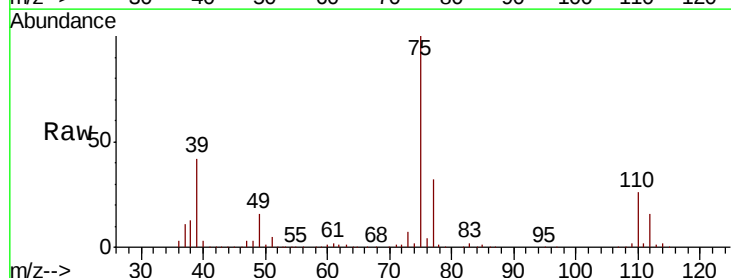
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

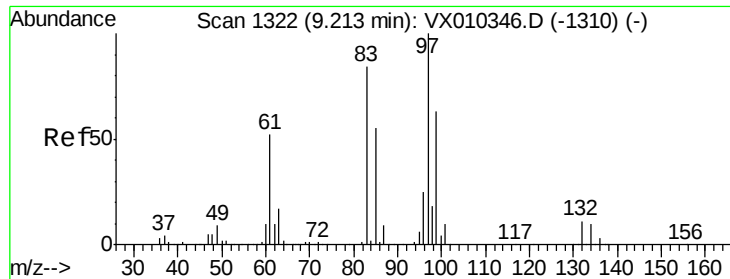
Tot Ion: 75 Resp: 182433
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.601 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 75 Resp: 202112
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 42.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 49.972 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 136704

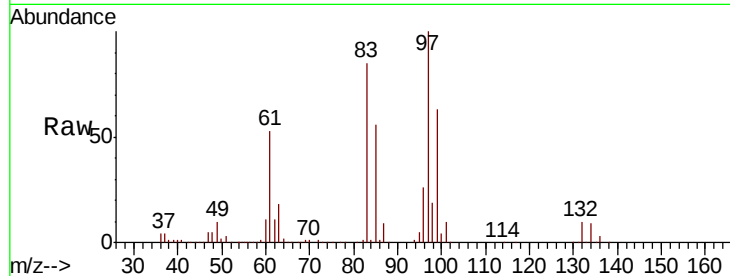
Ion Ratio Lower Upper

97 100

83 85.2 67.4 101.0

85 56.4 43.8 65.8

99 63.4 50.3 75.5



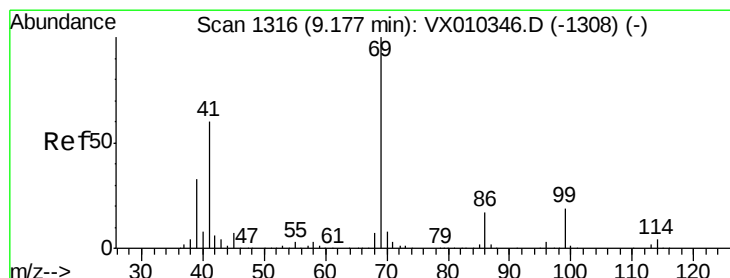
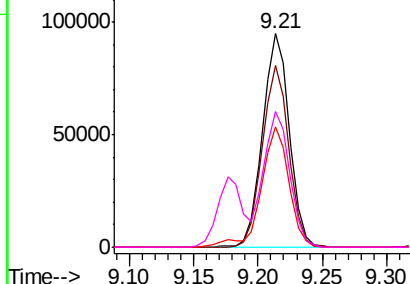
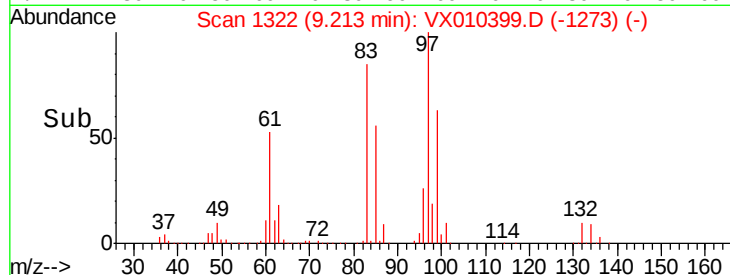
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.070 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

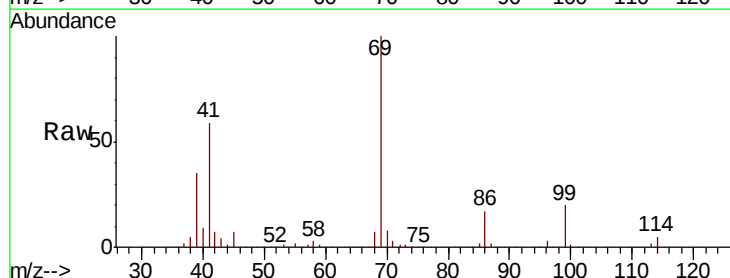
Tgt Ion: 69 Resp: 211638

Ion Ratio Lower Upper

69 100

41 59.4 47.1 70.7

39 34.1 26.6 40.0

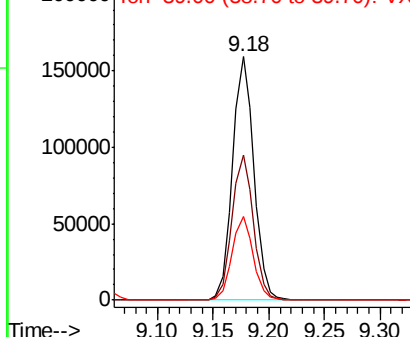
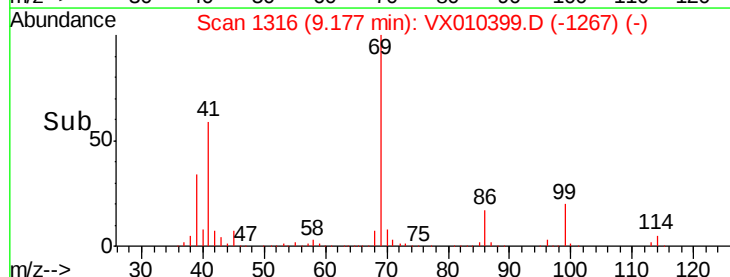


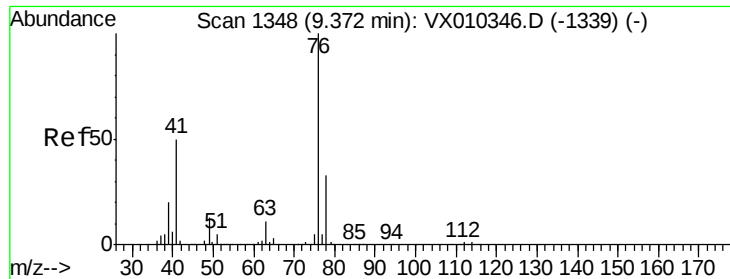
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

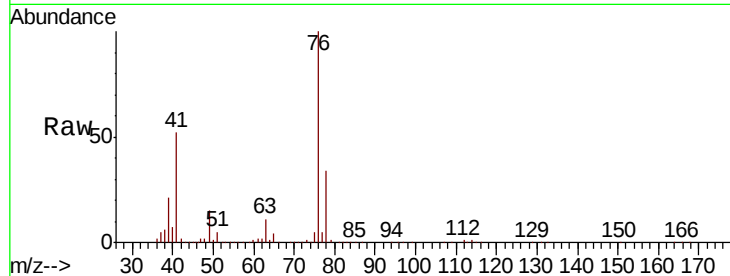
VSTDCCC050EC

Tot Ion: 76 Resp: 214252

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

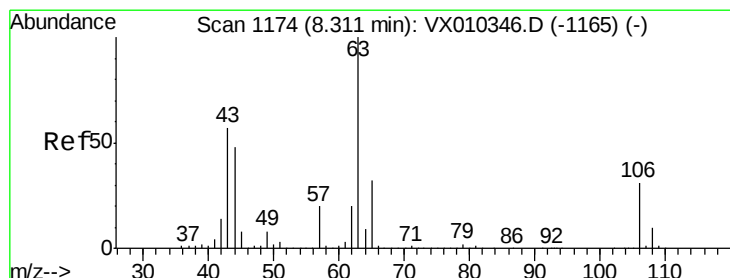
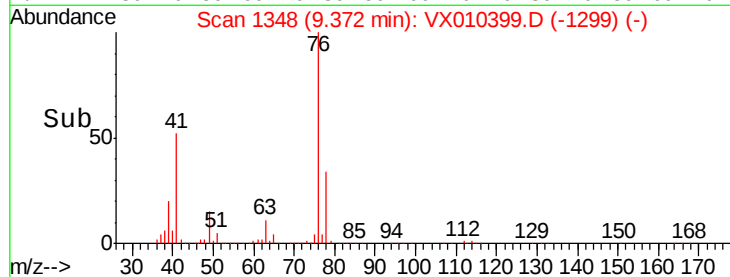
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.653 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010399.D

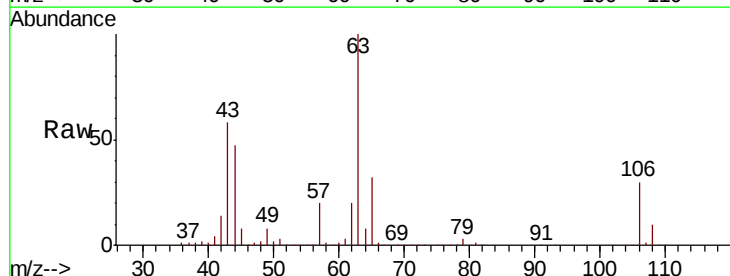
Acq: 21 Jun 2019 20:52

Tgt Ion: 63 Resp: 503158

Ion Ratio Lower Upper

63 100

106 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

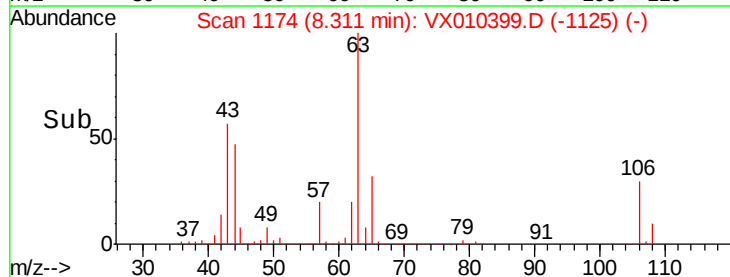
200000

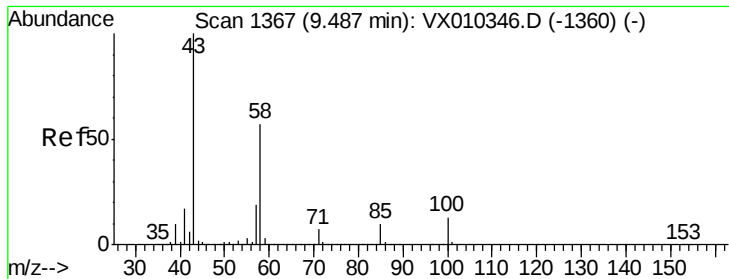
100000

0

8.20 8.30 8.40

Time-->

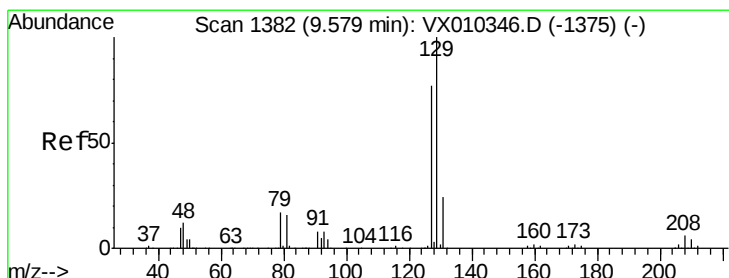
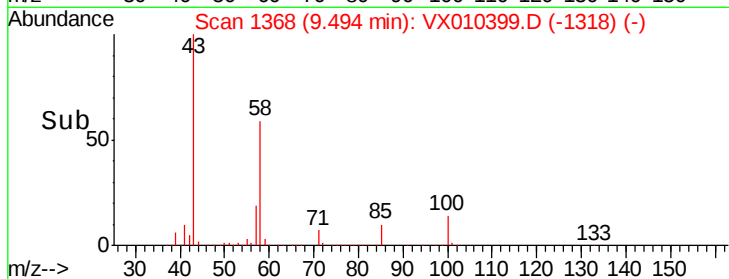
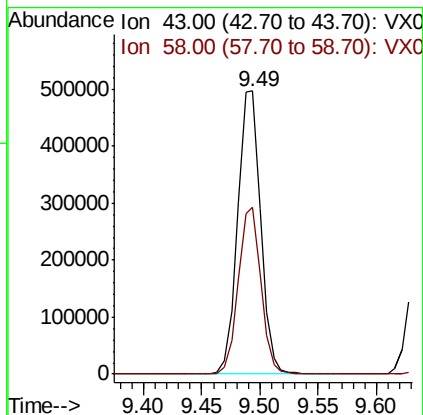
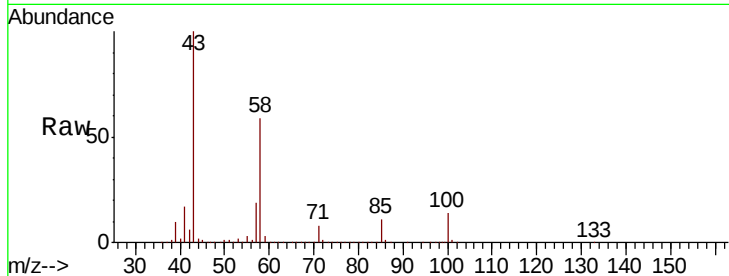




#59
2-Hexanone
Concen: 247.664 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

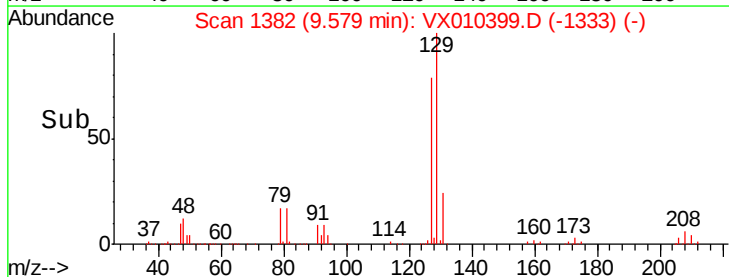
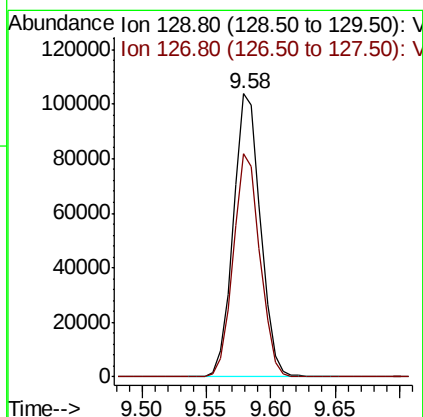
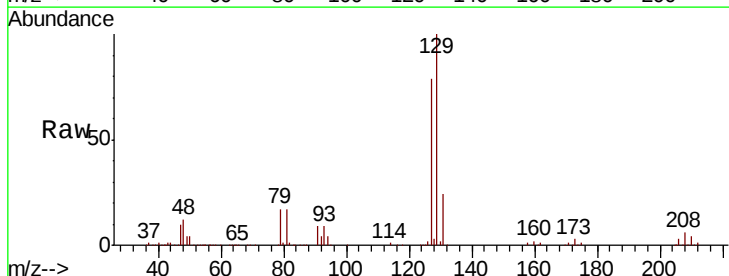
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685998
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 49.750 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:129 Resp: 152381
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.879 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

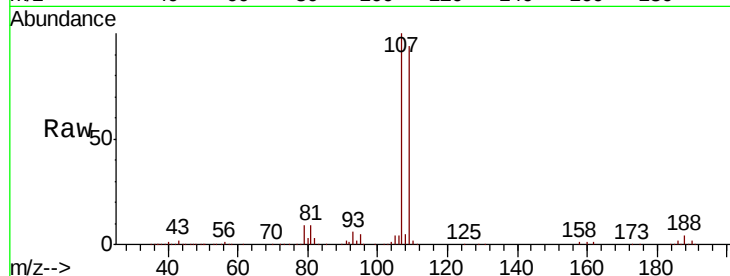
VSTDCCC050EC

Tot Ion:107 Resp: 150234

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

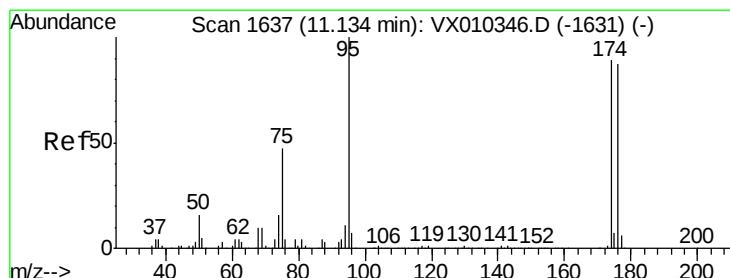
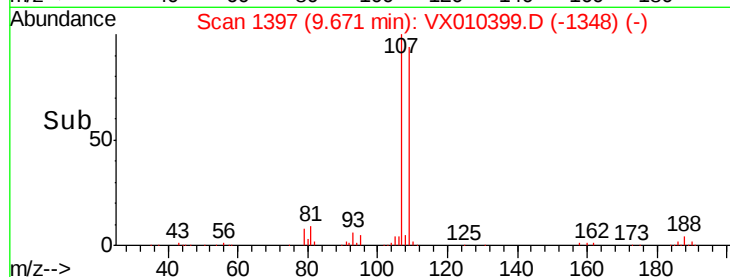
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.858 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

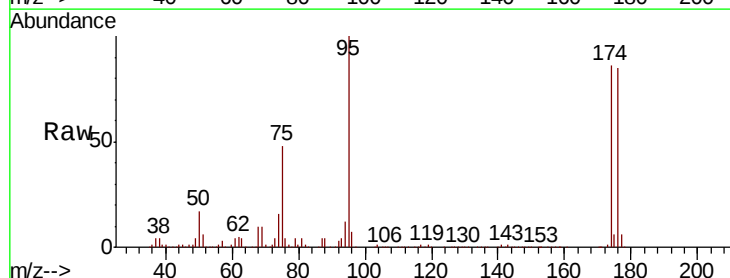
Tgt Ion: 95 Resp: 164543

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

176 90.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

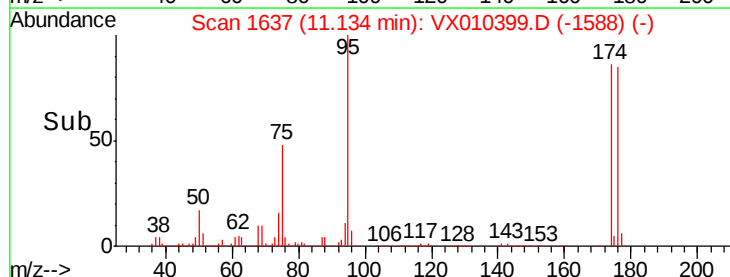
150000

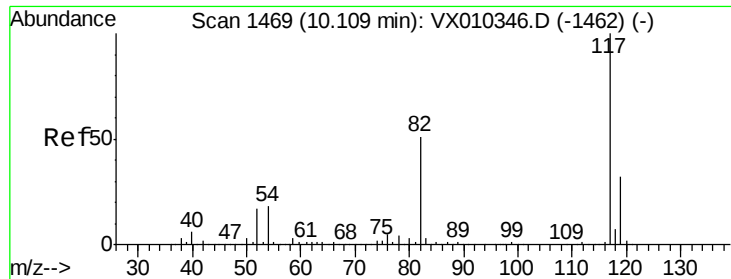
100000

50000

0

Time-->

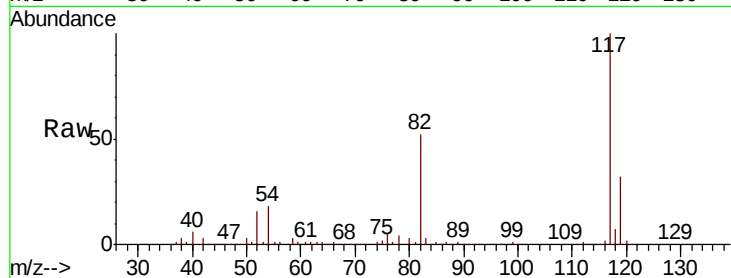




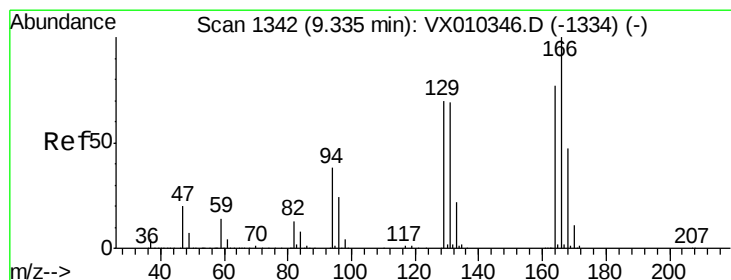
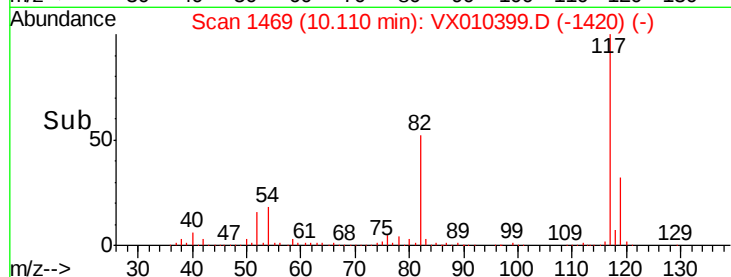
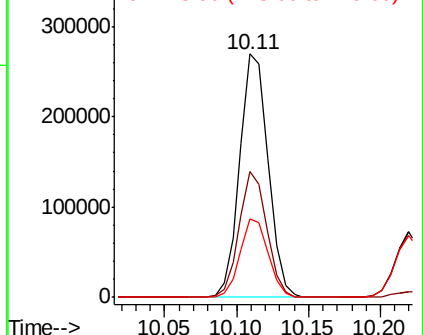
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 369712
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.0 25.5 38.3

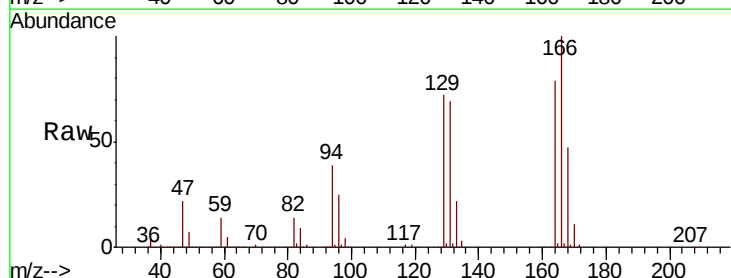


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

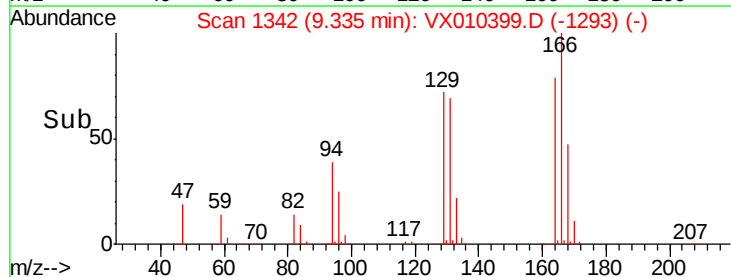
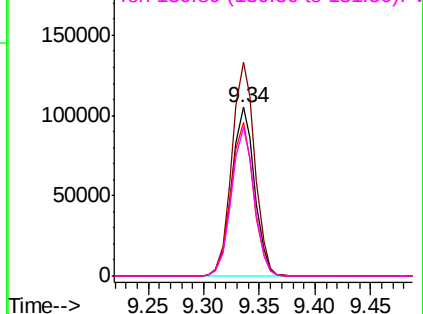


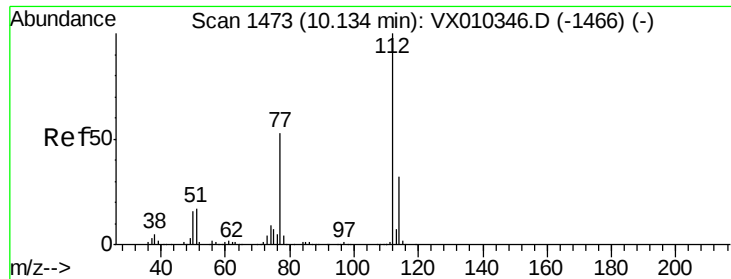
#64
Tetrachloroethene
Concen: 49.668 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:164 Resp: 148525
Ion Ratio Lower Upper
164 100
166 126.7 103.6 155.4
129 91.4 73.0 109.4
131 88.0 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

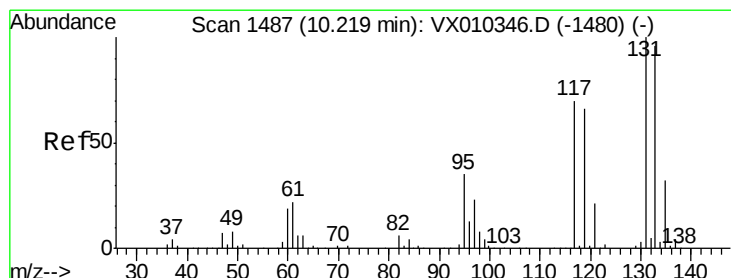
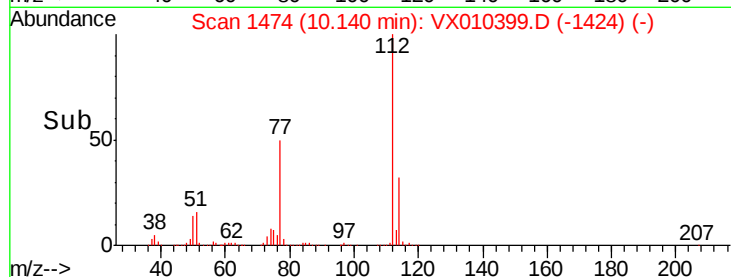
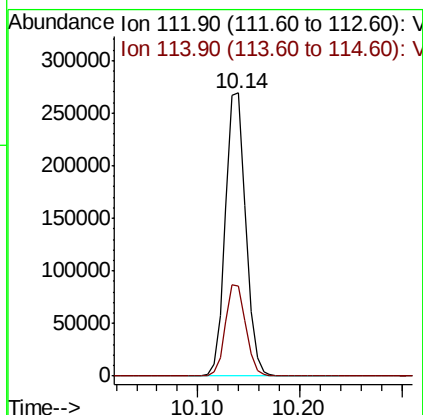
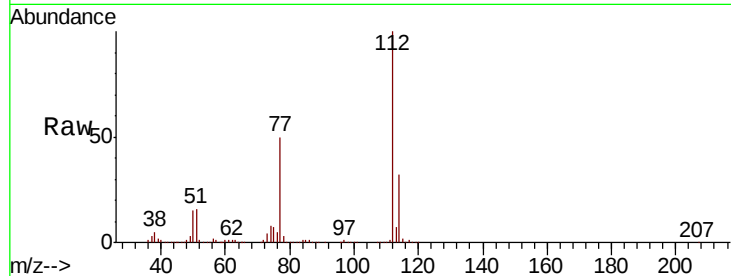




#65
Chlorobenzene
Concen: 49.586 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

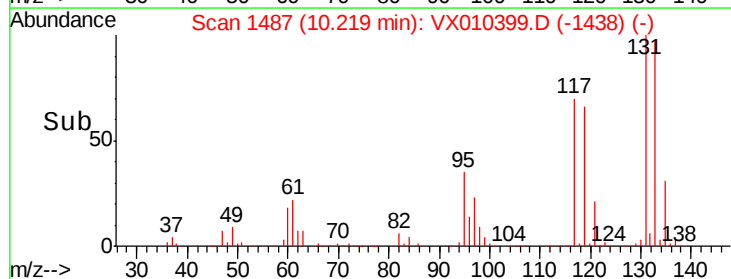
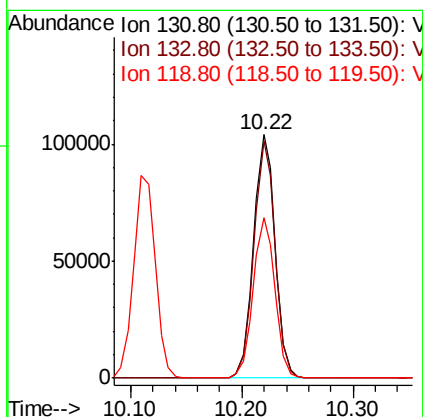
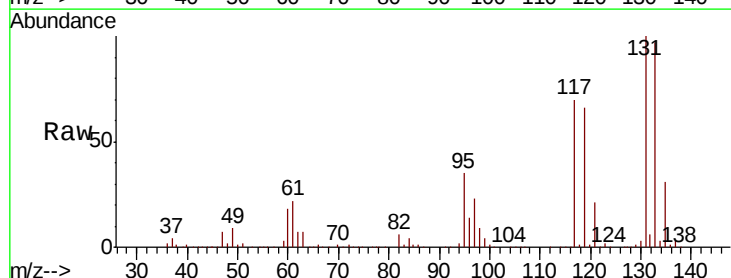
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

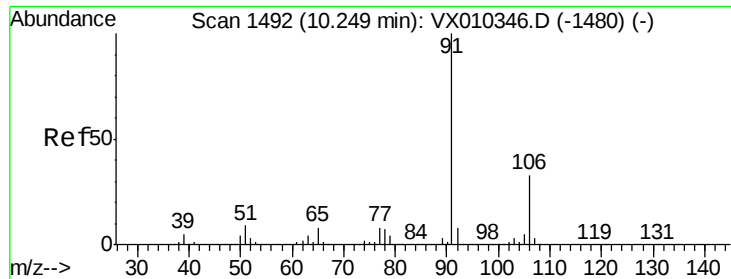
Tot Ion:112 Resp: 372182
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.013 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:131 Resp: 139471
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.7 32.6 97.7

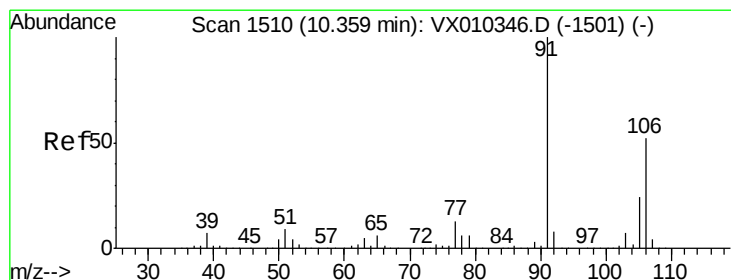
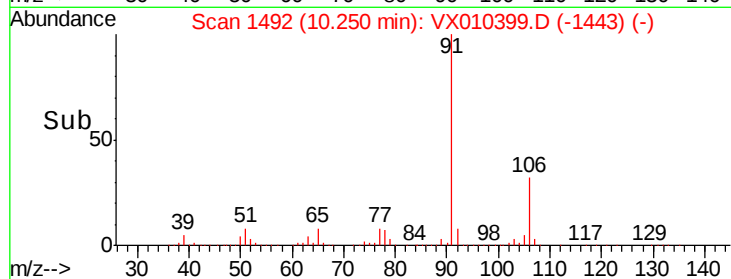
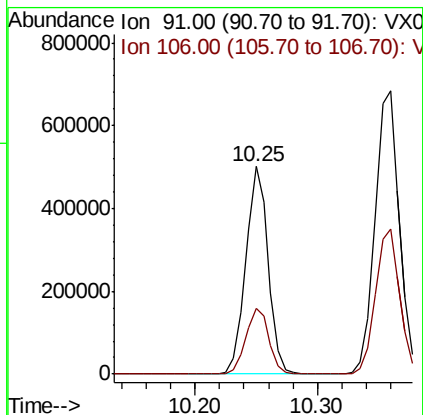
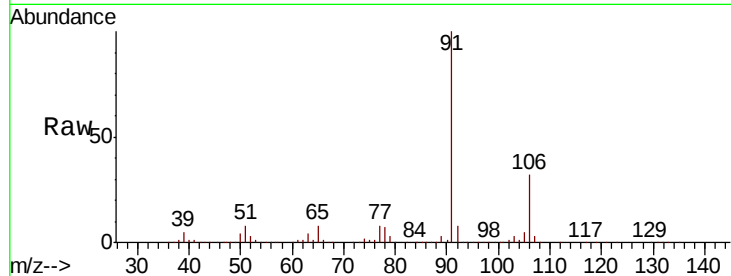




#67
Ethyl Benzene
Concen: 49.878 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

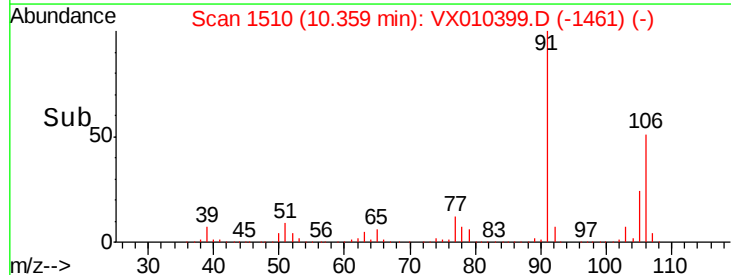
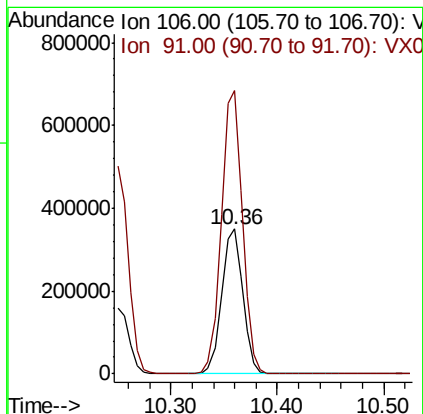
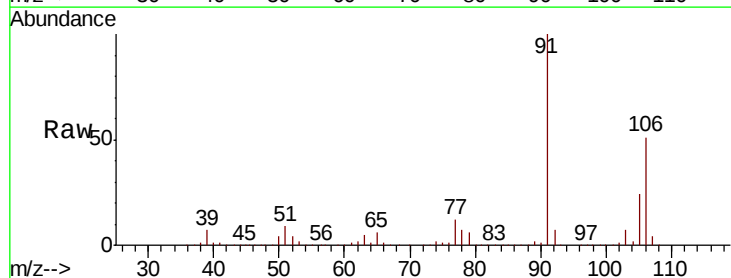
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

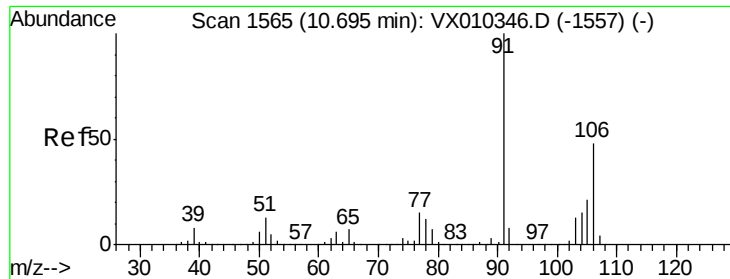
Tot Ion: 91 Resp: 632030
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2



#68
m/p-Xylenes
Concen: 98.518 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 106 Resp: 483713
Ion Ratio Lower Upper
106 100
91 195.5 155.3 232.9

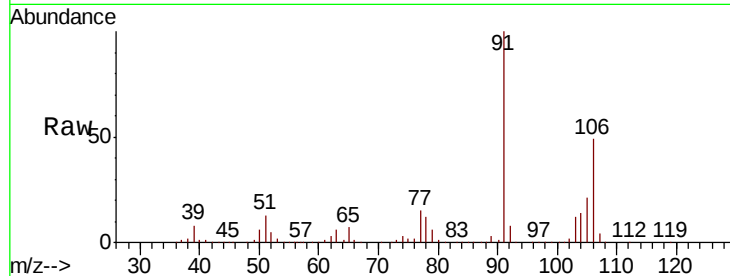




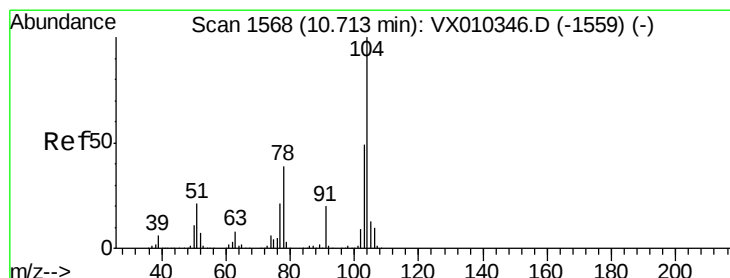
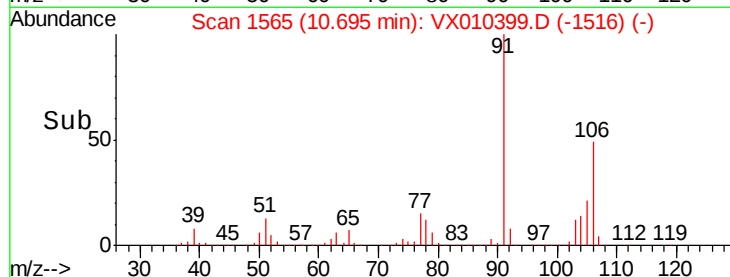
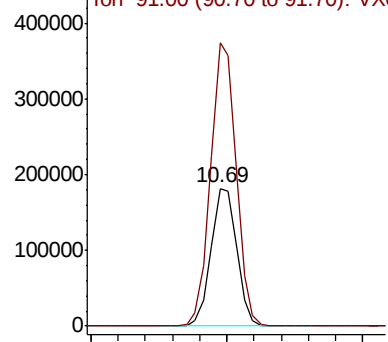
#69
o-Xylene
Concen: 49.596 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 239471
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1

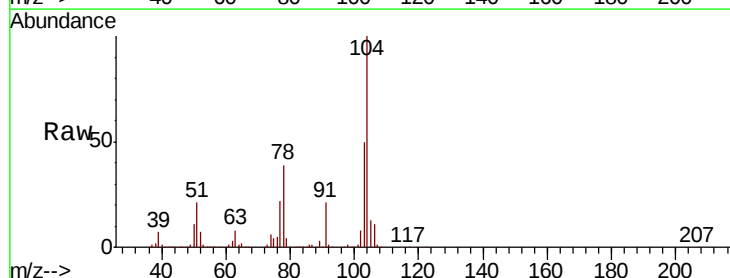


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

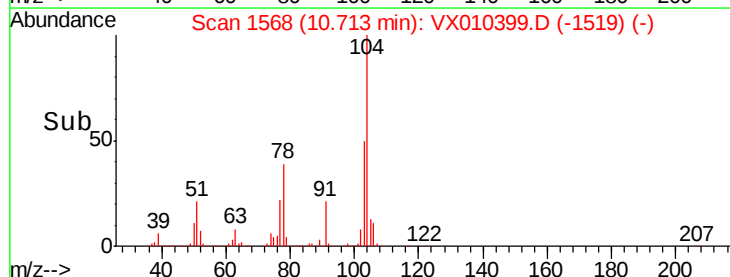
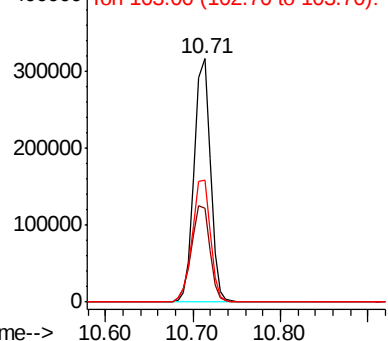


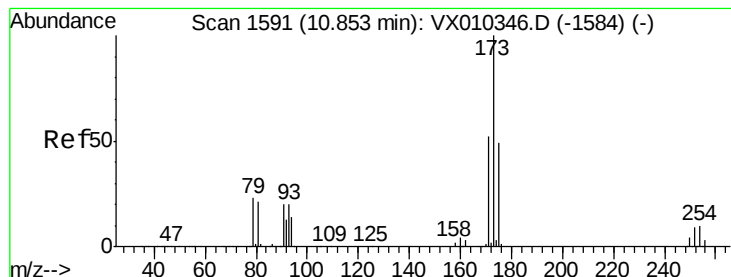
#70
Styrene
Concen: 50.258 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:104 Resp: 406959
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.2
103 55.9 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: 50.641 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

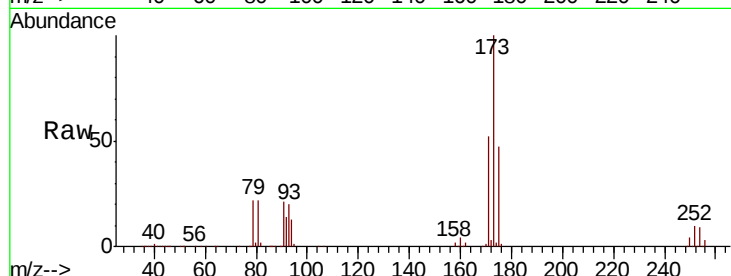
Tot Ion:173 Resp: 120403

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

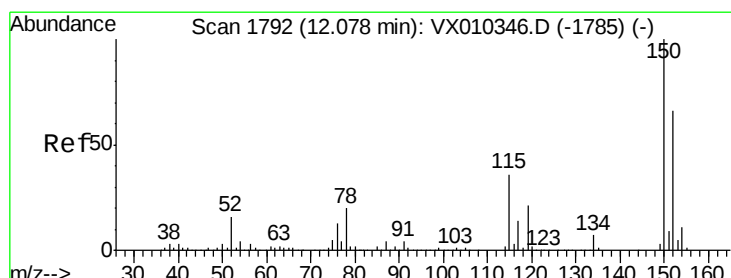
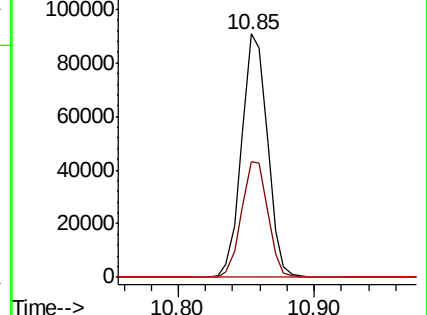
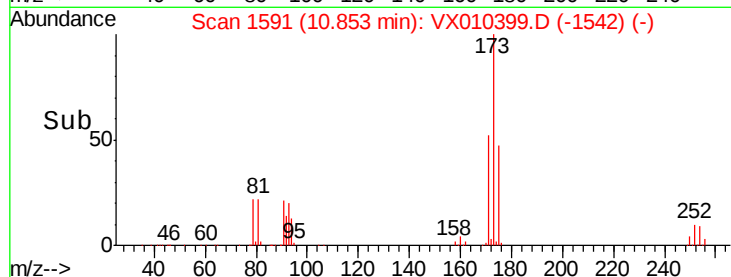
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

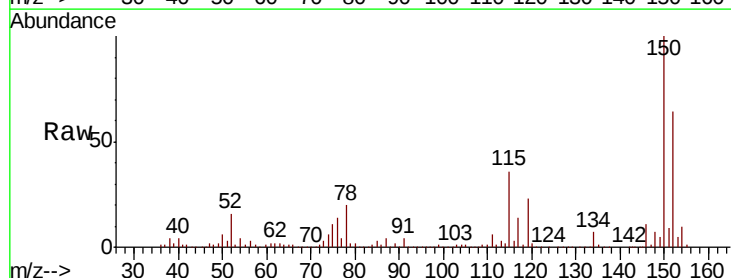
Tgt Ion:152 Resp: 183213

Ion Ratio Lower Upper

152 100

115 77.4 38.6 115.7

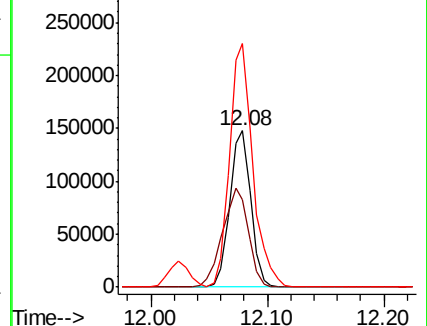
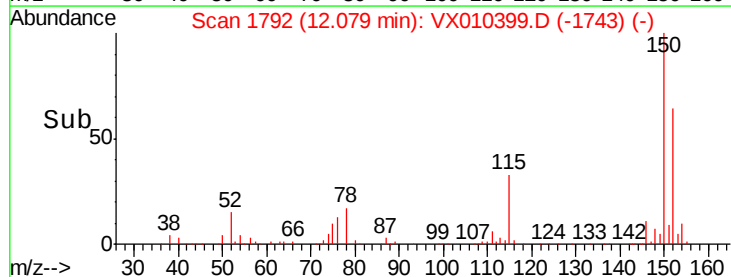
150 172.5 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.163 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

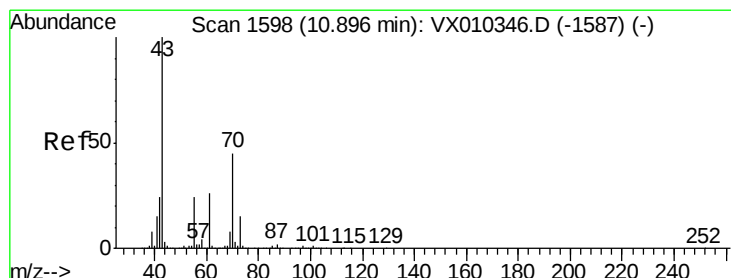
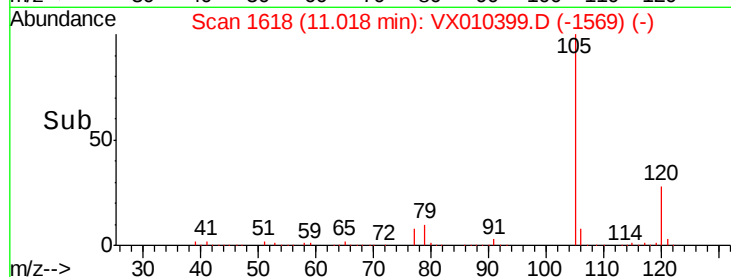
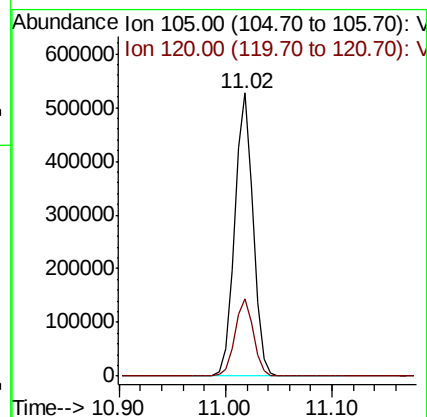
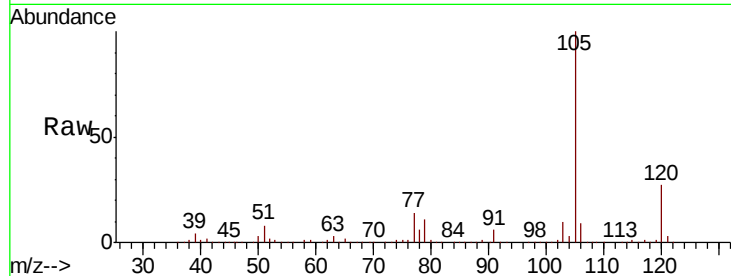
VSTDCCC050EC

Tot Ion:105 Resp: 635417

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 52.603 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion: 43 Resp: 246898

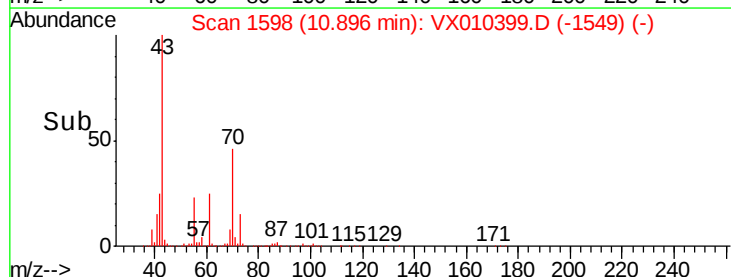
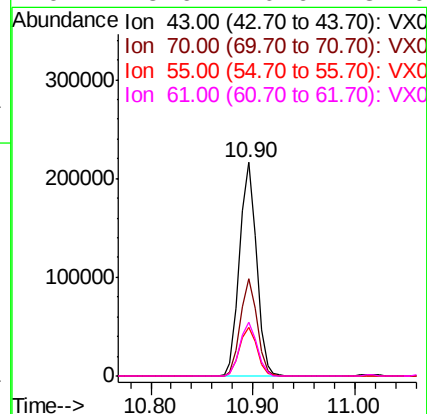
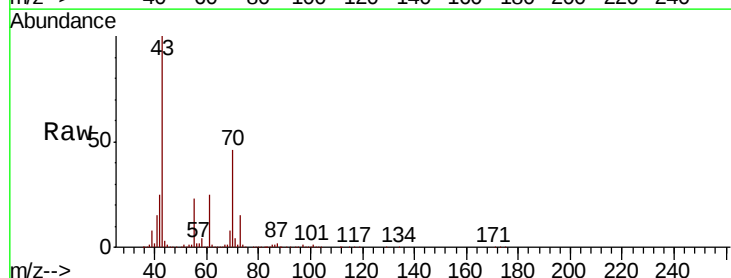
Ion Ratio Lower Upper

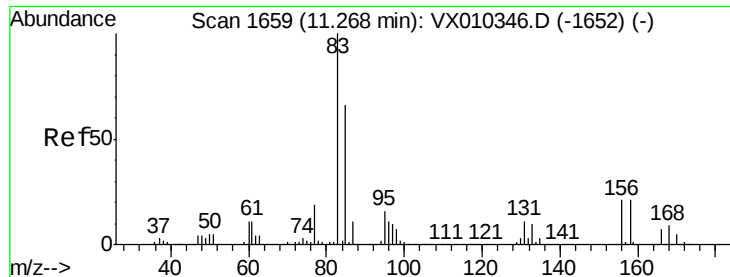
43 100

70 44.9 36.6 54.8

55 23.8 18.7 28.1

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.286 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

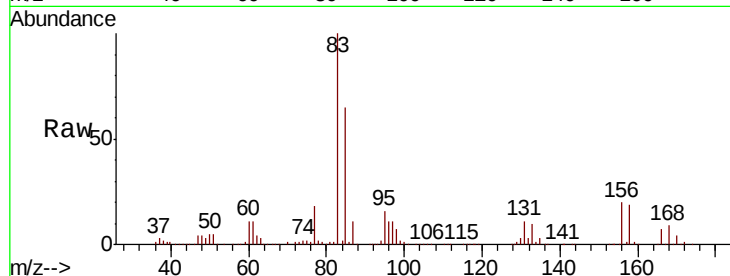
Tot Ion: 83 Resp: 210942

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

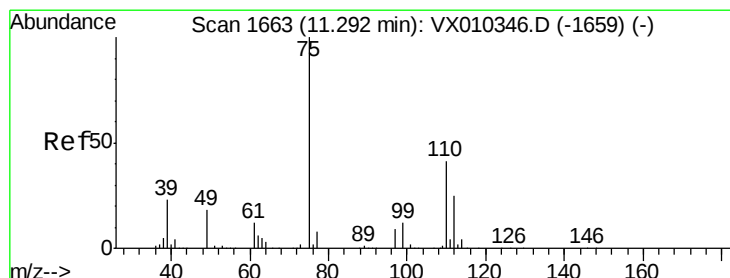
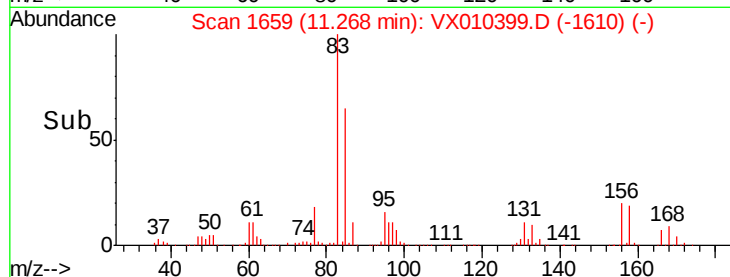
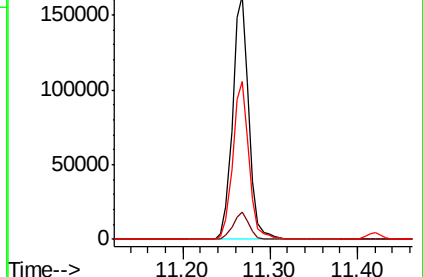
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.143 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010399.D

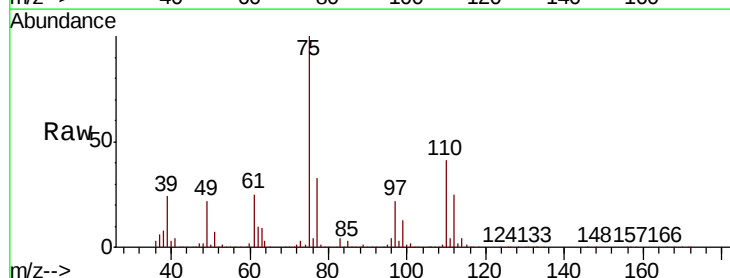
Acq: 21 Jun 2019 20:52

Tgt Ion: 75 Resp: 234181

Ion Ratio Lower Upper

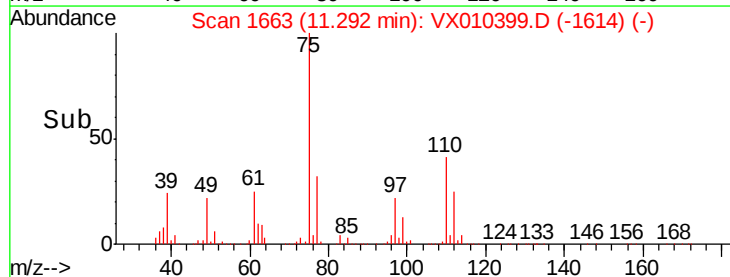
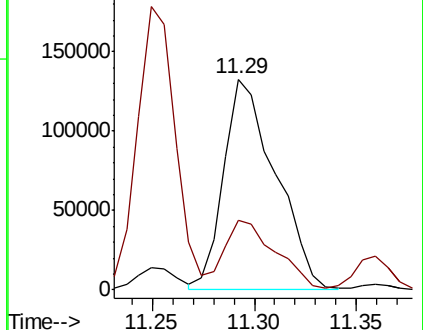
75 100

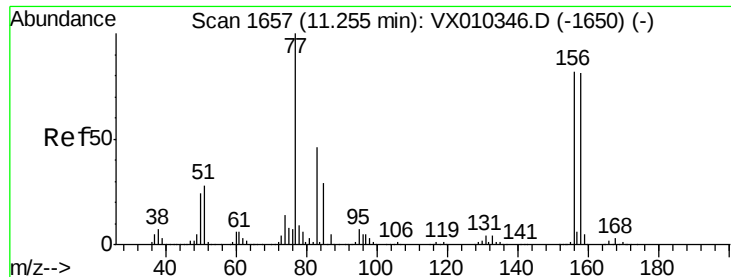
77 32.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.490 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

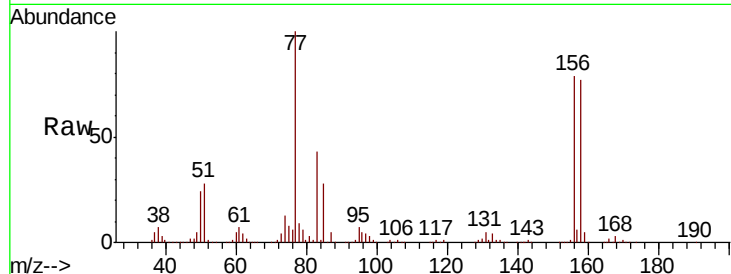
Tot Ion:156 Resp: 171625

Ion Ratio Lower Upper

156 100

77 134.5 66.3 198.7

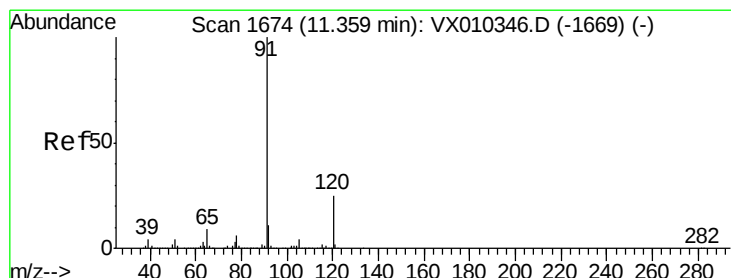
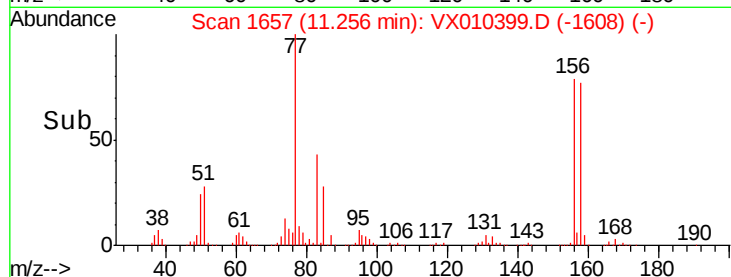
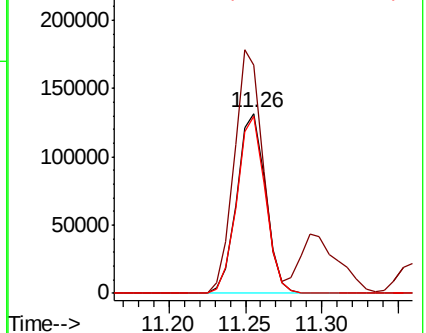
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.303 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010399.D

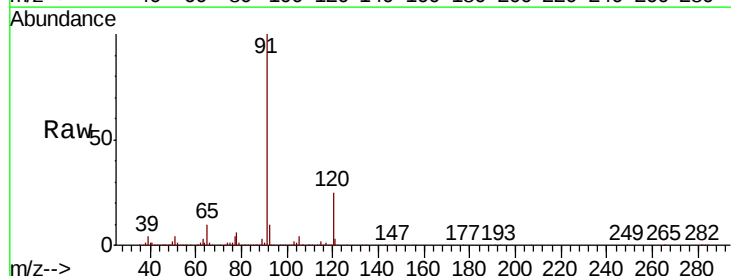
Acq: 21 Jun 2019 20:52

Tgt Ion: 91 Resp: 700266

Ion Ratio Lower Upper

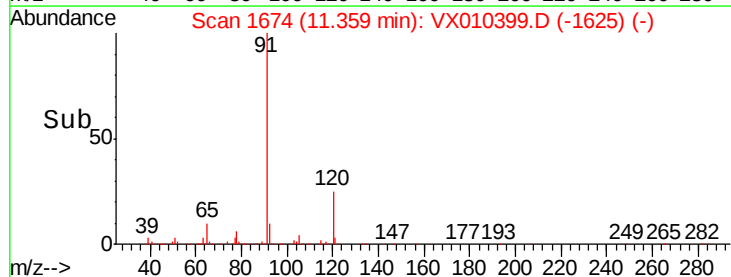
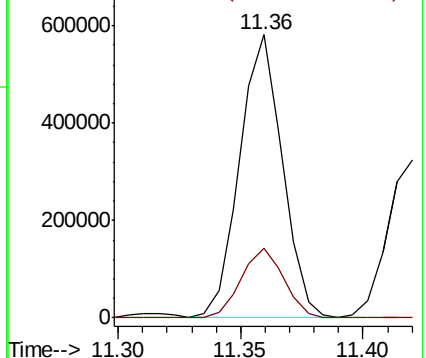
91 100

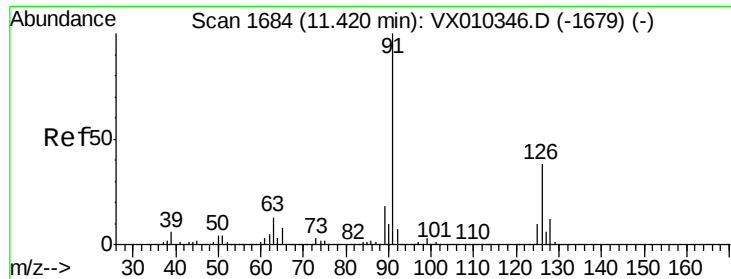
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.793 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

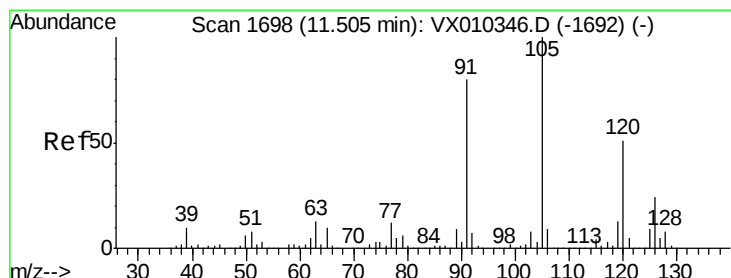
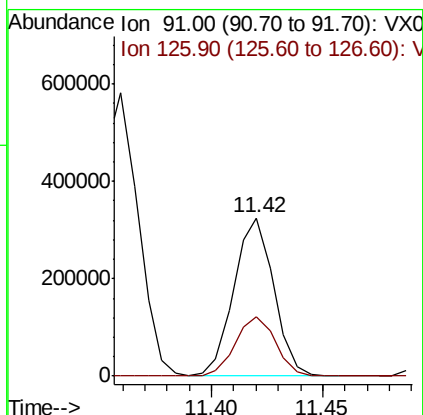
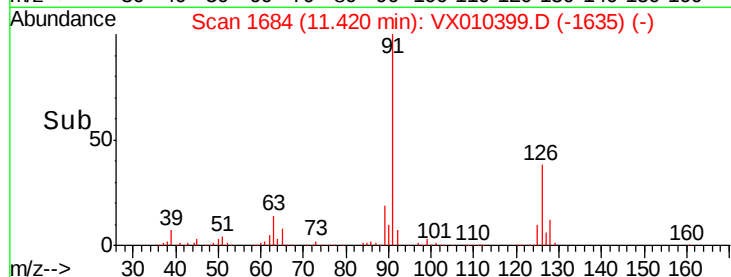
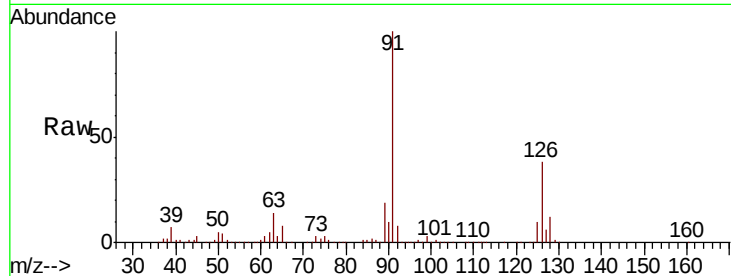
VSTDCCC050EC

Tot Ion: 91 Resp: 404719

Ion Ratio Lower Upper

91 100

126 38.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.775 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010399.D

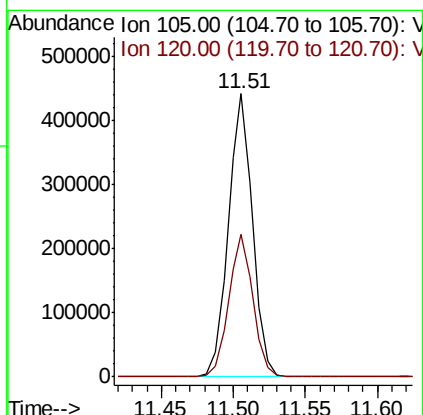
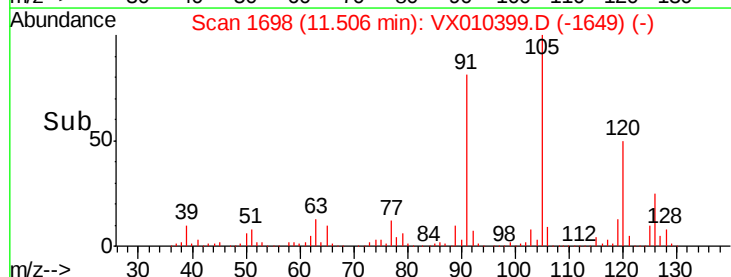
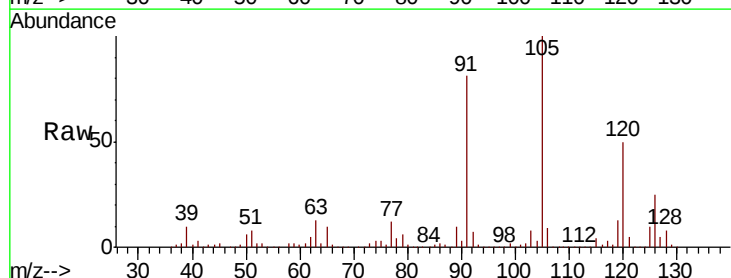
Acq: 21 Jun 2019 20:52

Tgt Ion: 105 Resp: 519853

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.549 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

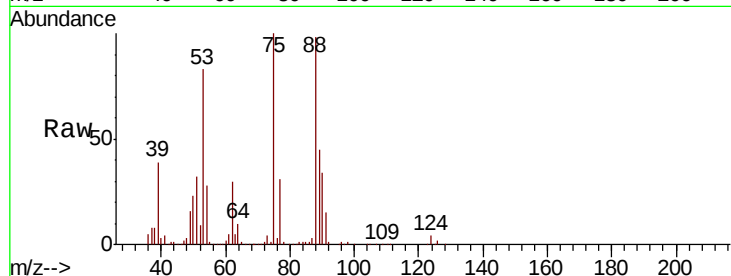
Tot Ion: 75 Resp: 68047

Ion Ratio Lower Upper

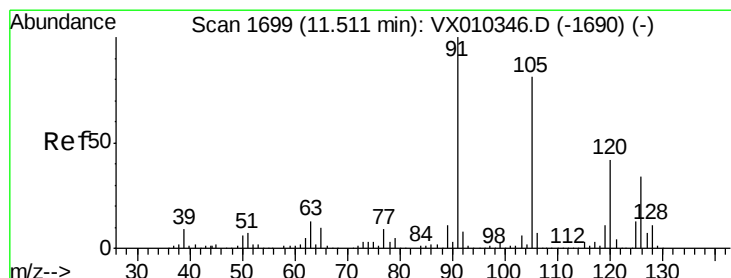
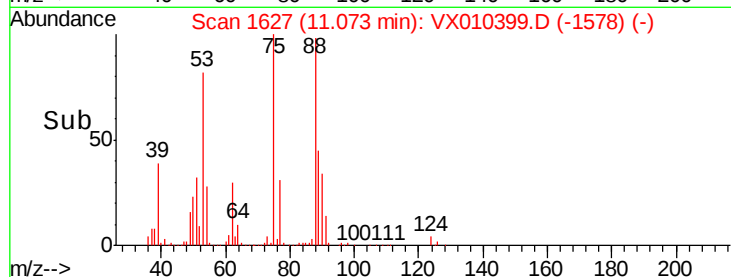
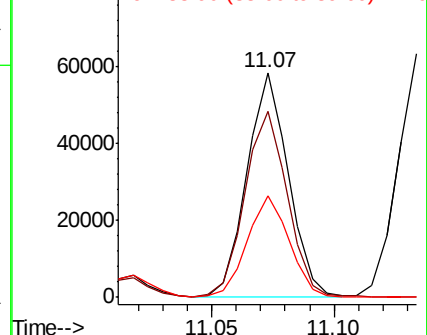
75 100

53 85.4 66.1 99.1

89 46.6 37.8 56.6



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



#82

4-Chlorotoluene

Concen: 50.636 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010399.D

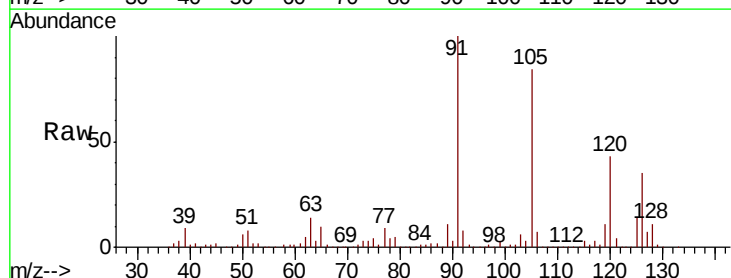
Acq: 21 Jun 2019 20:52

Tgt Ion: 91 Resp: 468321

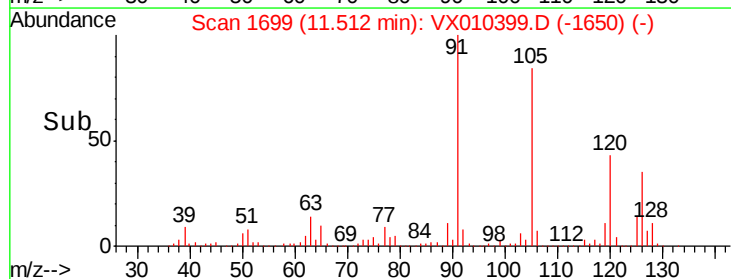
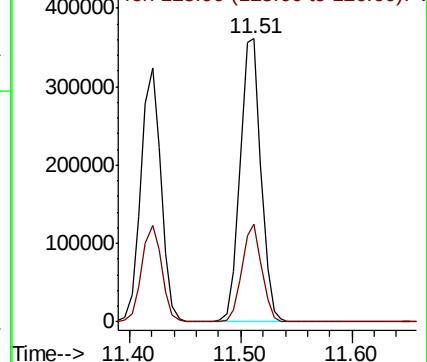
Ion Ratio Lower Upper

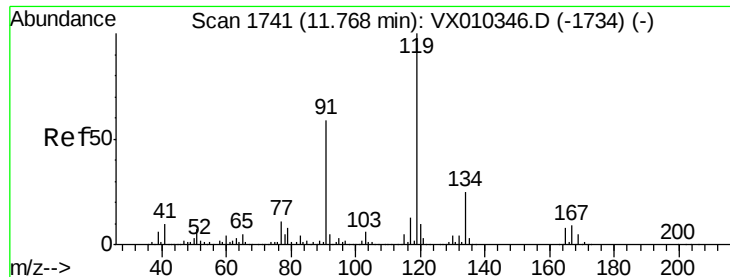
91 100

126 32.9 16.2 48.6



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





#83

tert-Butylbenzene

Concen: 50.358 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

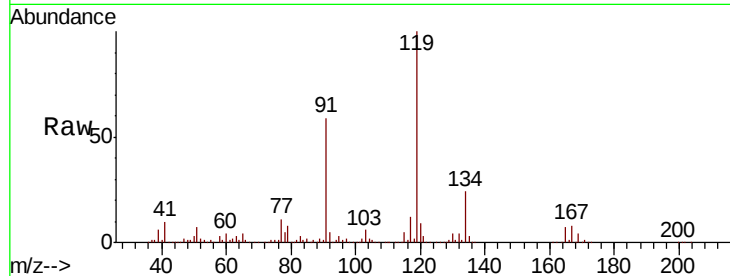
Tot Ion:119 Resp: 517487

Ion Ratio Lower Upper

119 100

91 55.8 27.6 82.7

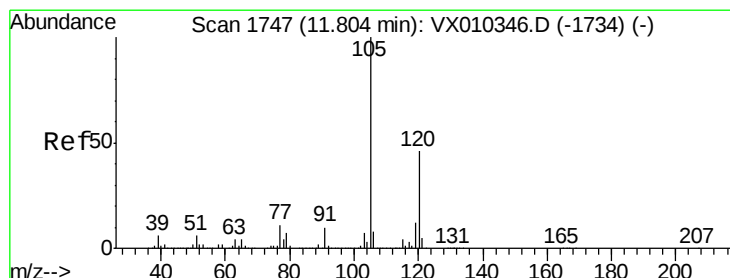
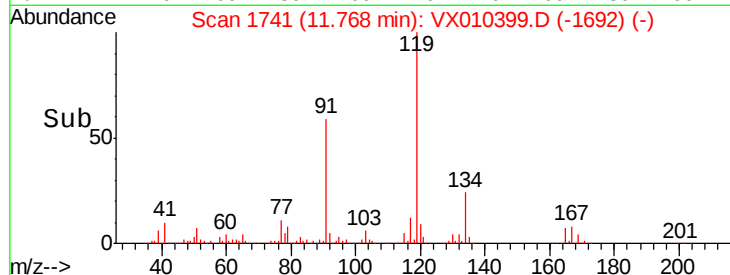
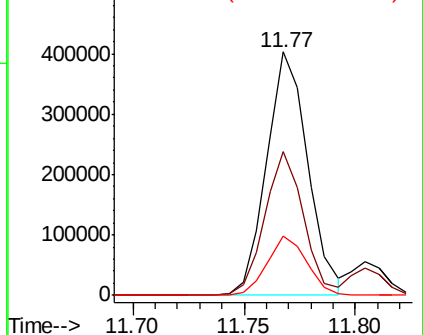
134 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.451 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010399.D

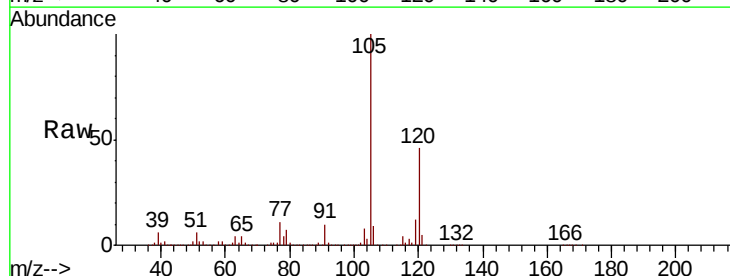
Acq: 21 Jun 2019 20:52

Tgt Ion:105 Resp: 529250

Ion Ratio Lower Upper

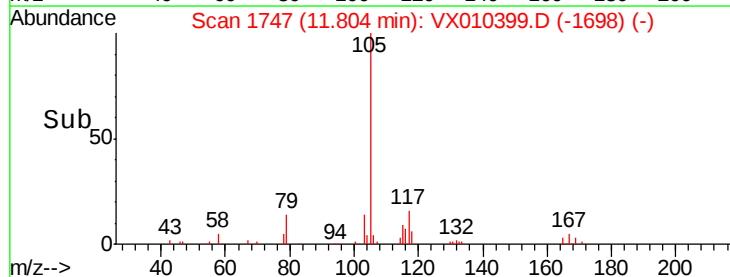
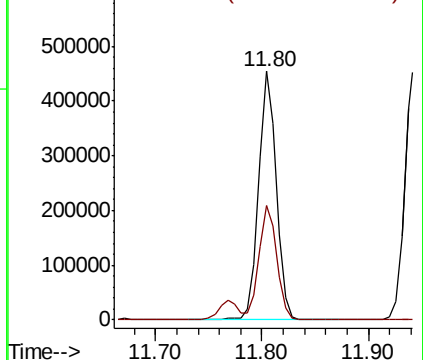
105 100

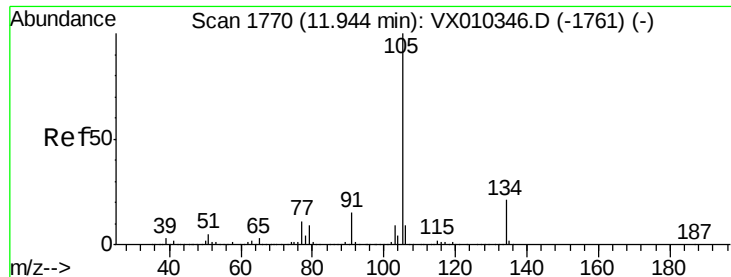
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.915 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

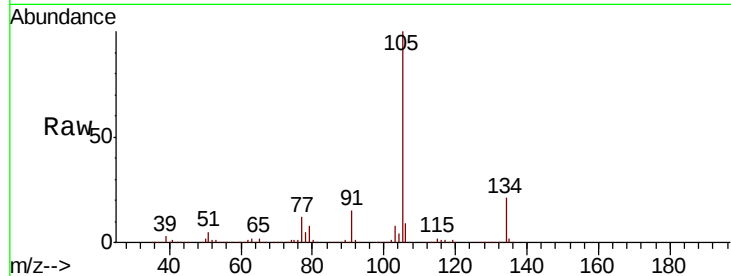
VSTDCCC050EC

Tot Ion:105 Resp: 614322

Ion Ratio Lower Upper

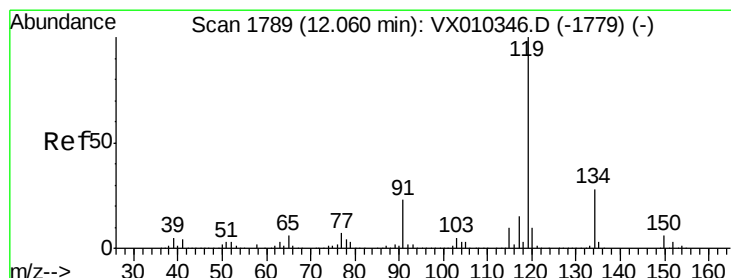
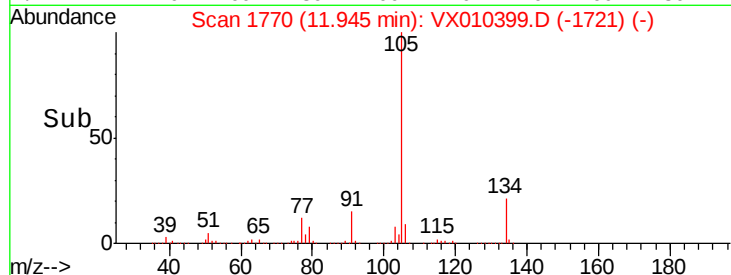
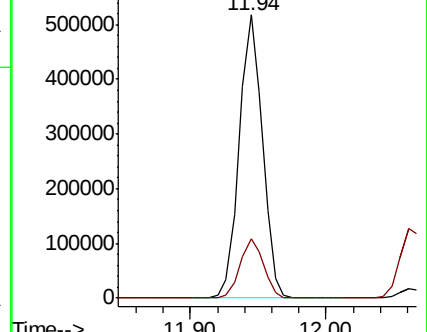
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.385 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

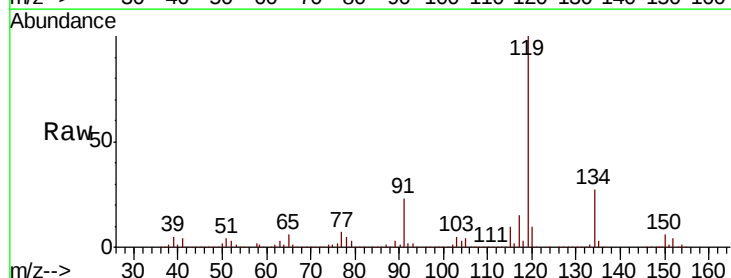
Tgt Ion:119 Resp: 562317

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

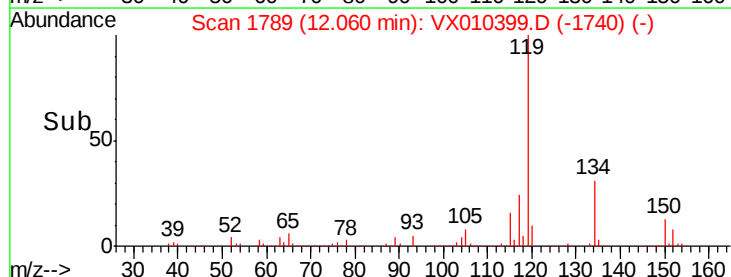
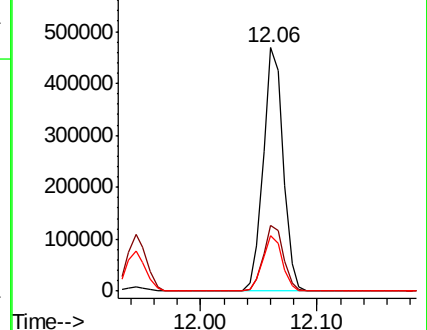
91 22.5 11.3 33.8

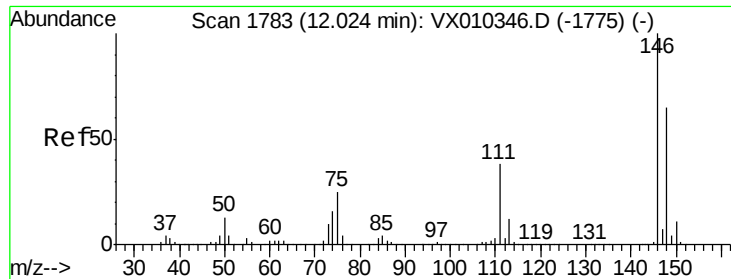


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

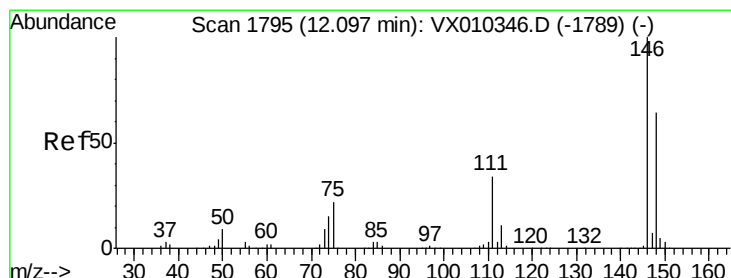
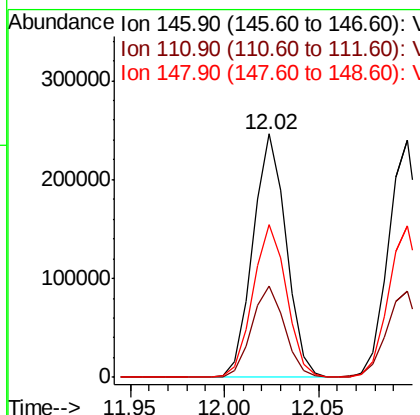
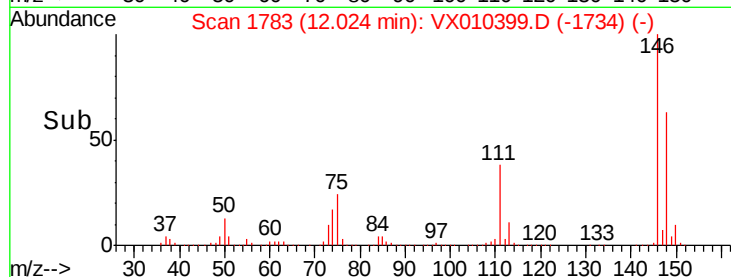
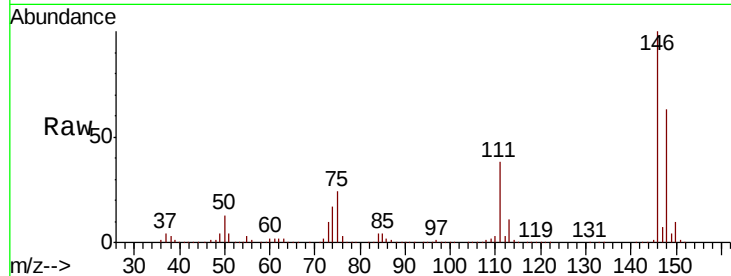




#87
 1,3-Dichlorobenzene
 Concen: 49.625 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

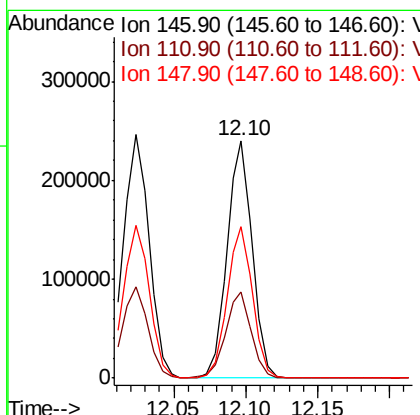
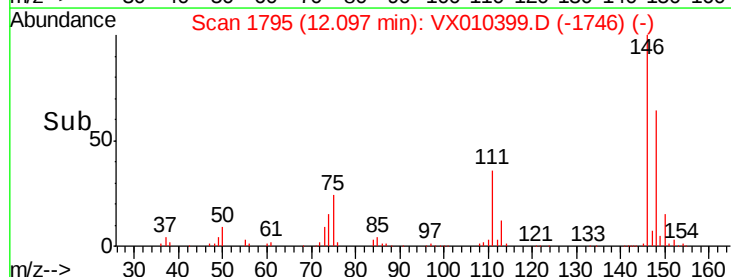
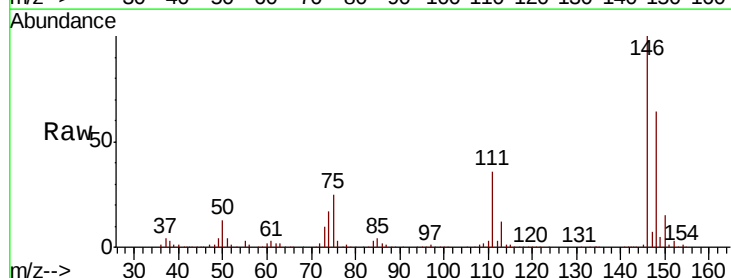
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

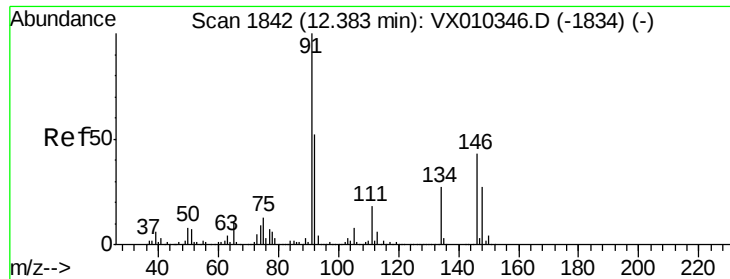
Tot Ion:146 Resp: 300399
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 47.779 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion:146 Resp: 294451
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 64.2 32.1 96.3

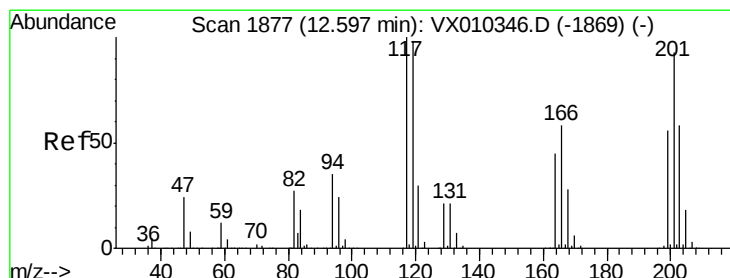
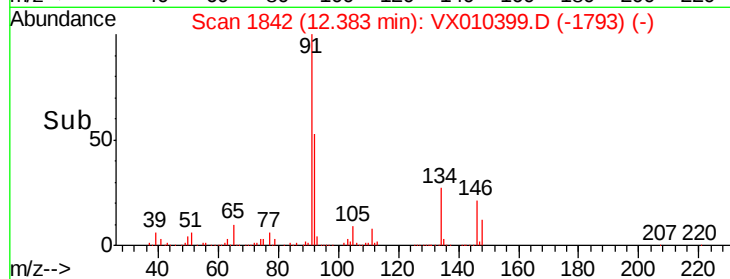
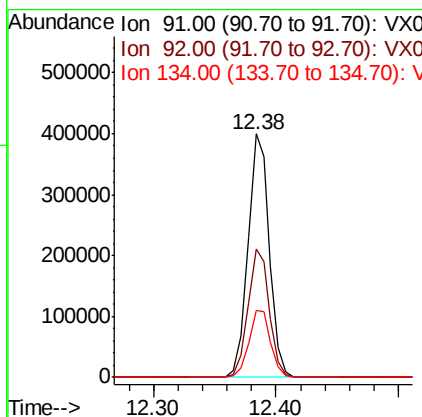
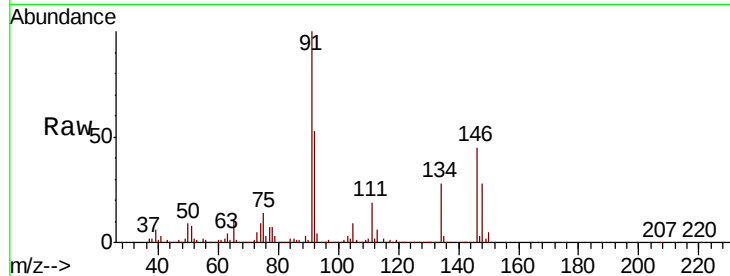




#89
n-Butylbenzene
Concen: 50.625 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

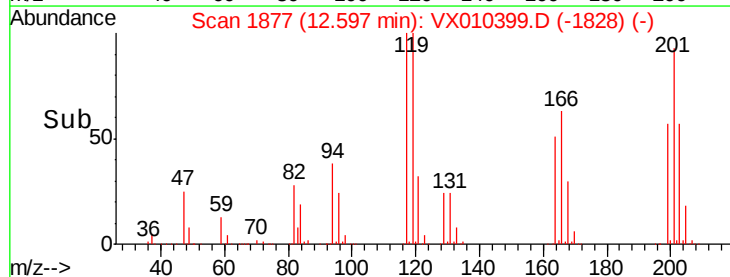
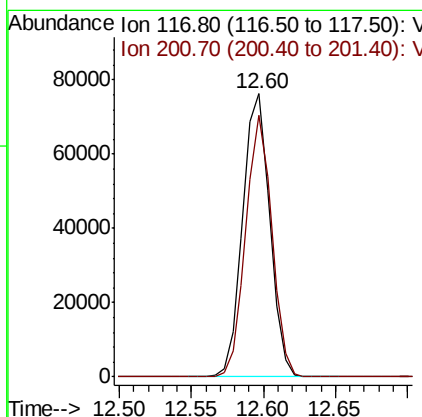
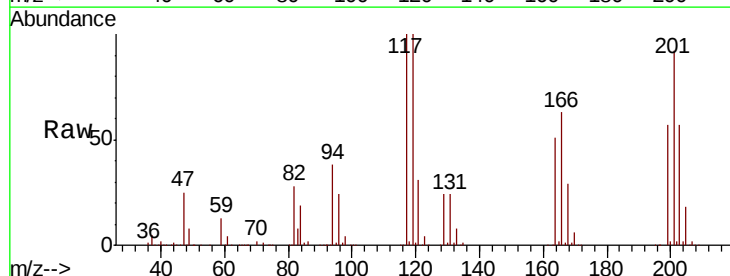
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 480102
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 28.4 14.1 42.4



#90
Hexachloroethane
Concen: 51.555 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 117 Resp: 99489
Ion Ratio Lower Upper
117 100
201 88.6 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 48.890 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

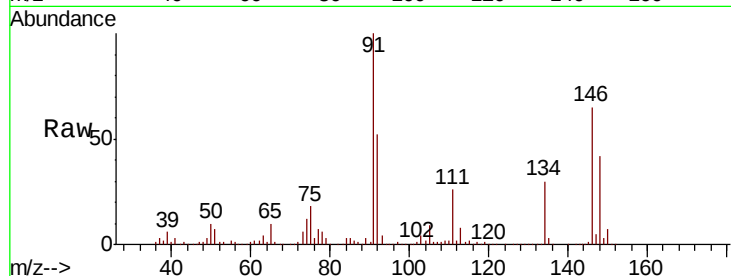
Tot Ion:146 Resp: 294142

Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

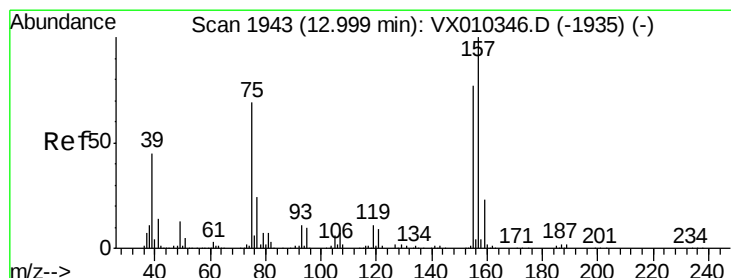
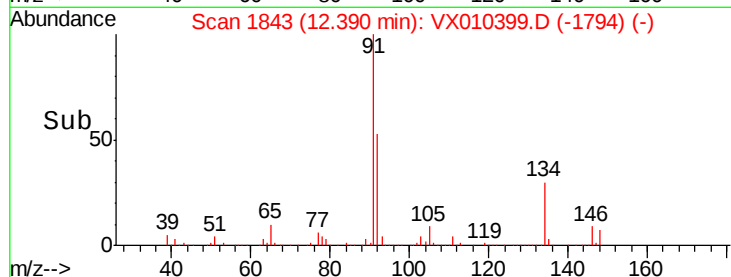
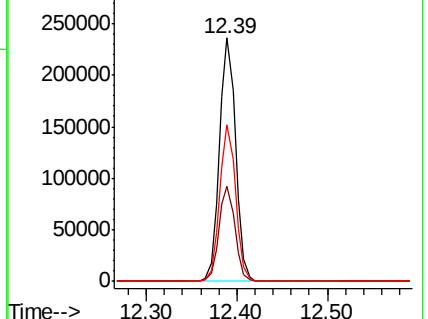
148 63.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.267 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

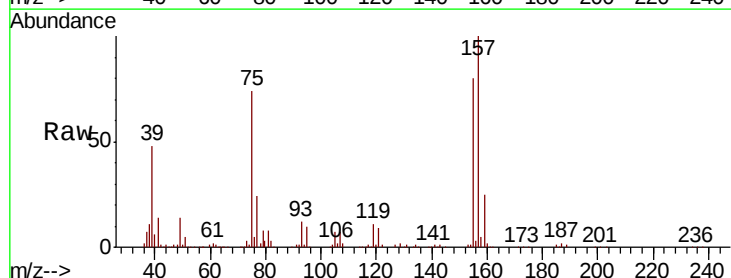
Tgt Ion: 75 Resp: 44576

Ion Ratio Lower Upper

75 100

155 105.0 54.4 163.1

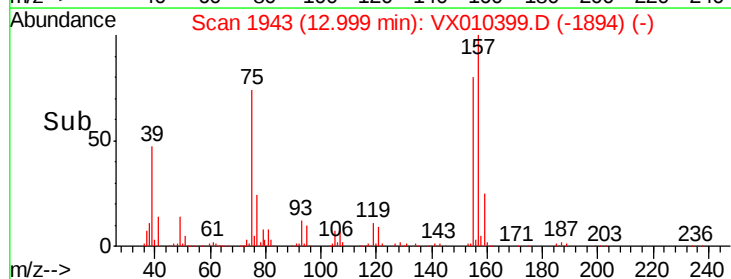
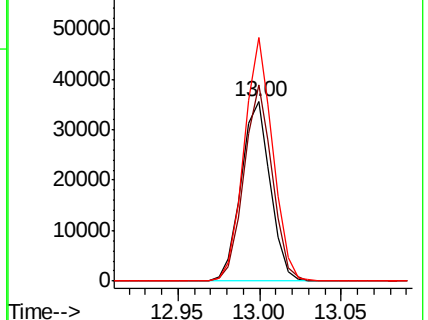
157 132.5 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

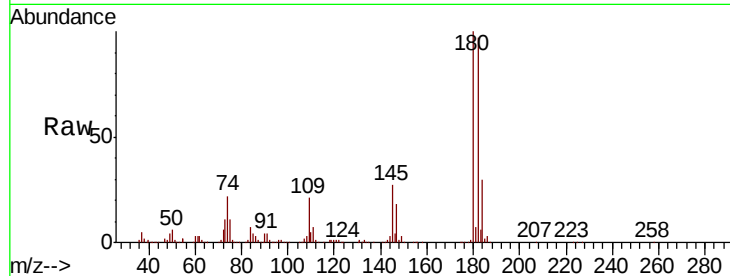




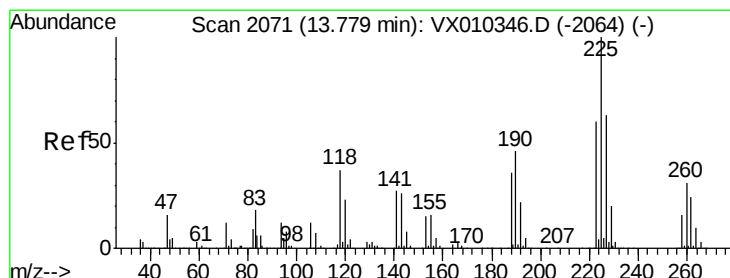
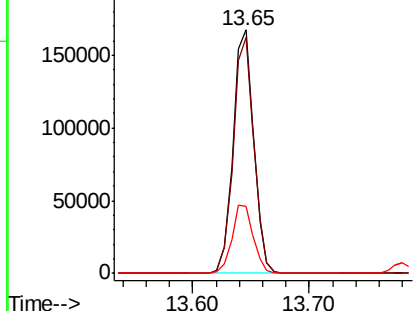
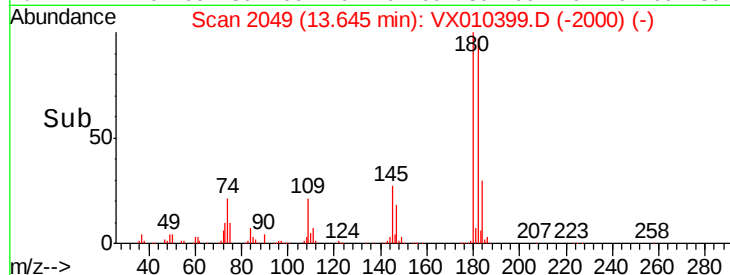
#93
 1,2,4-Trichlorobenzene
 Concen: 49.520 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 206611
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.0 144.0
 145 28.7 14.4 43.4

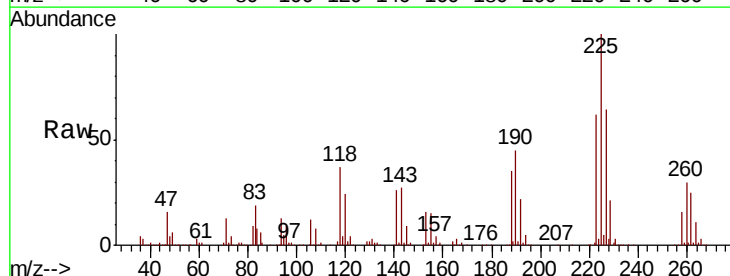


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

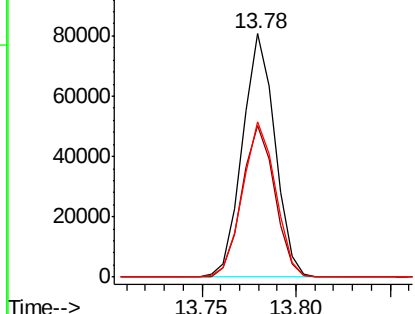
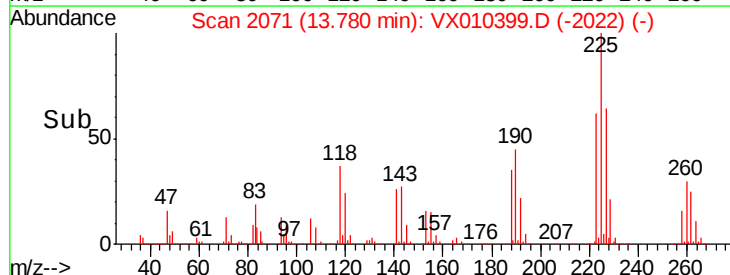


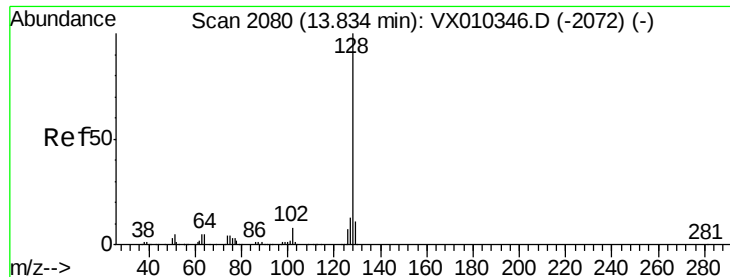
#94
 Hexachlorobutadiene
 Concen: 47.417 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion:225 Resp: 96689
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 64.6 31.9 95.5



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





#95

Naphthalene

Concen: 51.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

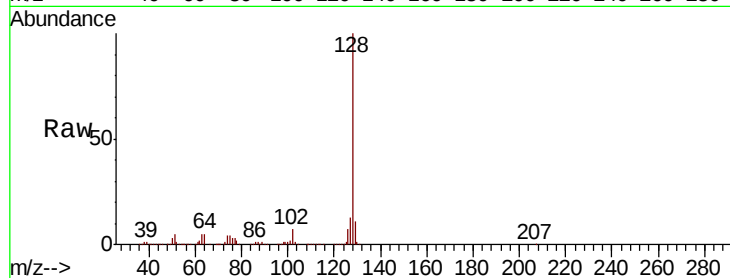
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 657680

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

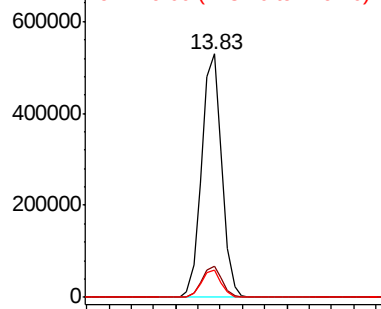


Abundance

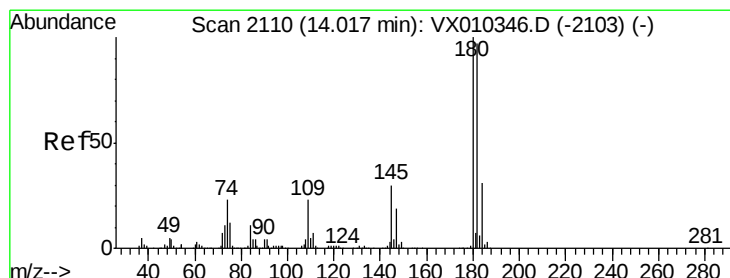
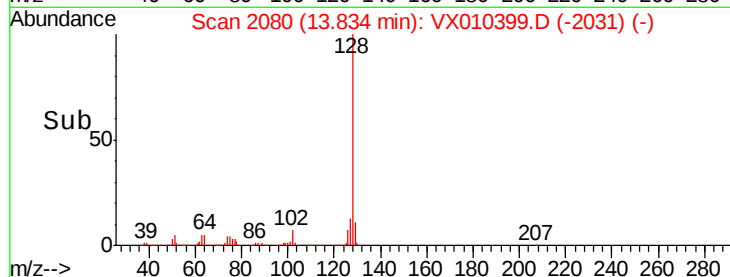
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 50.115 ug/l

RT: 14.02 min Scan# 2110

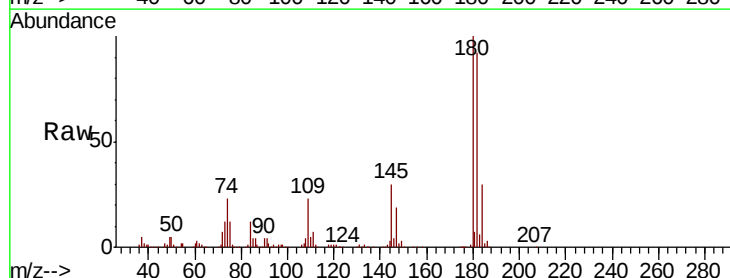
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:180 Resp: 207892

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	30.7	15.2	45.6

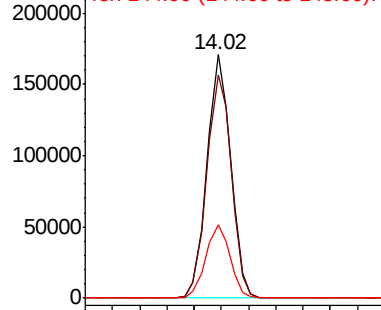


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

