

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010401.D
 Acq On : 24 Jun 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 03:35:02 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	304007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	436648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206124	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	130939	45.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.88%	
35) Dibromofluoromethane	5.49	113	129575	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	487876	47.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.13	95	178917	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	99441	47.050	ug/l	99
3) Chloromethane	1.33	50	109201	44.371	ug/l	100
4) Vinyl Chloride	1.41	62	118527	43.970	ug/l	99
5) Bromomethane	1.64	94	53900	41.043	ug/l	99
6) Chloroethane	1.71	64	73924	46.482	ug/l	98
7) Trichlorofluoromethane	1.93	101	202331	47.349	ug/l	100
8) Diethyl Ether	2.19	74	72487	47.302	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123473	47.680	ug/l	98
10) Methyl Iodide	2.51	142	151009	40.861	ug/l	99
11) Tert butyl alcohol	3.05	59	152183	204.040	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120975	45.910	ug/l	99
13) Acrolein	2.29	56	98164	198.400	ug/l	100
14) Allyl chloride	2.73	41	180704	48.303	ug/l	100
15) Acrylonitrile	3.14	53	343062	232.317	ug/l	100
16) Acetone	2.44	43	391908	274.346	ug/l	100
17) Carbon Disulfide	2.57	76	321890	45.532	ug/l	100
18) Methyl Acetate	2.77	43	132279	46.461	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	393964	47.525	ug/l	97
20) Methylene Chloride	2.85	84	137044	46.617	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	131084	46.253	ug/l	99
22) Diisopropyl ether	3.85	45	369443	47.233	ug/l	90
23) Vinyl Acetate	3.81	43	1656607	245.167	ug/l	100
24) 1,1-Dichloroethane	3.69	63	214523	47.448	ug/l	100
25) 2-Butanone	4.67	43	531020	253.415	ug/l	97
26) 2,2-Dichloropropane	4.58	77	194872	49.617	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154252	47.100	ug/l	99
28) Bromochloromethane	5.01	49	95211	44.045	ug/l	99
29) Tetrahydrofuran	5.12	42	294341	226.776	ug/l	100
30) Chloroform	5.21	83	230420	47.367	ug/l	100
31) Cyclohexane	5.57	56	196272	47.671	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	207218	48.242	ug/l	100
36) 1,1-Dichloropropene	5.79	75	169198	48.762	ug/l	100
37) Ethyl Acetate	4.83	43	175497	49.164	ug/l	98
38) Carbon Tetrachloride	5.78	117	193166	51.410	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231105	50.670	ug/l	98
40) Benzene	6.14	78	528808	48.917	ug/l	99
41) Methacrylonitrile	5.04	41	93862	47.923	ug/l	99
42) 1,2-Dichloroethane	6.19	62	166966	50.740	ug/l	99
43) Isopropyl Acetate	6.44	43	293804	49.748	ug/l	99
44) Trichloroethene	7.21	130	160151	49.510	ug/l	100
45) 1,2-Dichloropropane	7.51	63	130845	47.931	ug/l	99
46) Dibromomethane	7.66	93	95902	48.964	ug/l	99
47) Bromodichloromethane	7.90	83	183018	50.988	ug/l	99
48) Methyl methacrylate	7.76	41	138172	50.333	ug/l	99
49) 1,4-Dioxane	7.73	88	71757	907.391	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	922528	244.237	ug/l	99
52) Toluene	8.78	92	351231	49.338	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209500	52.059	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	224989	51.447	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146622	49.939	ug/l	98
56) Ethyl methacrylate	9.18	69	223123	50.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225302	49.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	511120	241.973	ug/l	99
59) 2-Hexanone	9.49	43	761955	256.310	ug/l	100
60) Dibromochloromethane	9.58	129	169728	51.631	ug/l	100
61) 1,2-Dibromoethane	9.67	107	156908	49.512	ug/l	99
64) Tetrachloroethene	9.34	164	158434	49.791	ug/l	98
65) Chlorobenzene	10.13	112	401578	50.280	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	151318	52.013	ug/l	99
67) Ethyl Benzene	10.25	91	687108	50.959	ug/l	100
68) m/p-Xylenes	10.35	106	532212	101.868	ug/l	100
69) o-Xylene	10.69	106	258757	50.363	ug/l	100
70) Styrene	10.71	104	445016	51.648	ug/l	99
71) Bromoform	10.85	173	140313	55.461	ug/l #	100
73) Isopropylbenzene	11.02	105	698688	50.004	ug/l	98
74) N-amyl acetate	10.90	43	264834	50.153	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223346	48.266	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	257926	68.668	ug/l	81
77) Bromobenzene	11.25	156	190323	48.781	ug/l	99
78) n-propylbenzene	11.36	91	782153	50.933	ug/l	100
79) 2-Chlorotoluene	11.42	91	454647	49.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584727	50.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81752	50.775	ug/l	98
82) 4-Chlorotoluene	11.51	91	526999	50.647	ug/l	99
83) tert-Butylbenzene	11.77	119	581334	50.283	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	590211	51.000	ug/l	98
85) sec-Butylbenzene	11.94	105	699310	51.517	ug/l	100
86) p-Isopropyltoluene	12.06	119	646271	51.471	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340096	49.938	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337569	48.688	ug/l	100
89) n-Butylbenzene	12.38	91	565527	53.004	ug/l	100
90) Hexachloroethane	12.59	117	120000	55.272	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	329164	48.630	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47353	47.463	ug/l	97

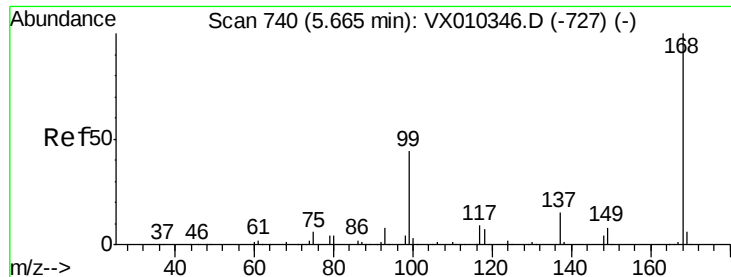
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
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VSTDCCC050

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239136	50.945	ug/l	100
94) Hexachlorobutadiene	13.78	225	117790	51.344	ug/l	98
95) Naphthalene	13.83	128	725226	50.276	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	241322	51.708	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

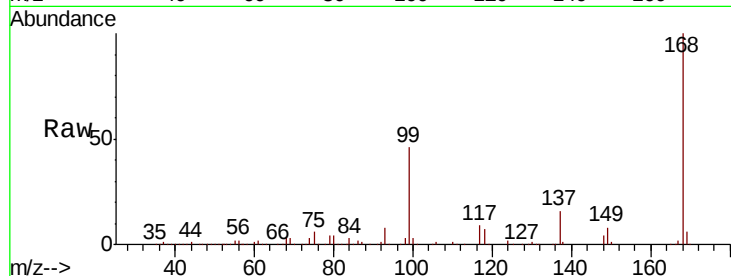
VSTDCCC050

Tot Ion:168 Resp: 304007

Ion Ratio Lower Upper

168 100

99 45.5 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

120000

100000

80000

60000

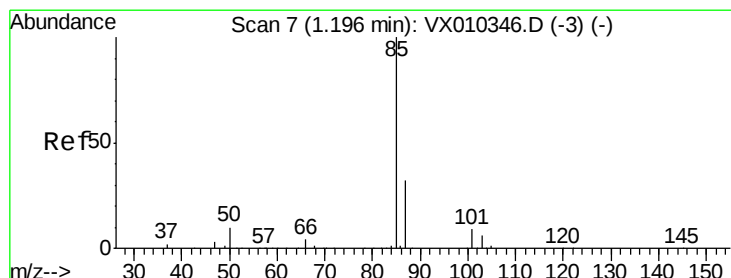
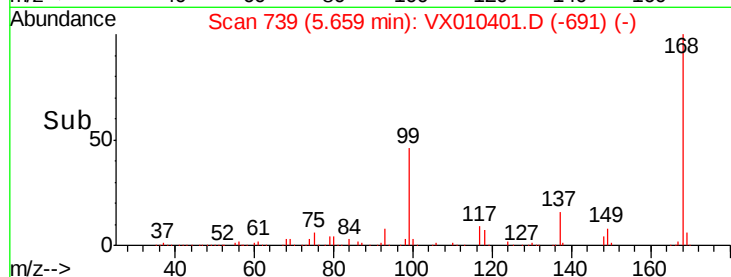
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.050 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010401.D

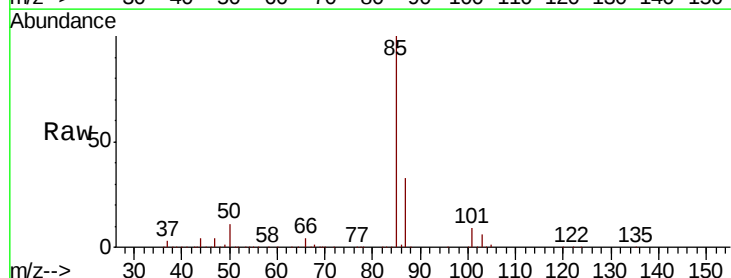
Acq: 24 Jun 2019 10:02

Tgt Ion: 85 Resp: 99441

Ion Ratio Lower Upper

85 100

87 32.9 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

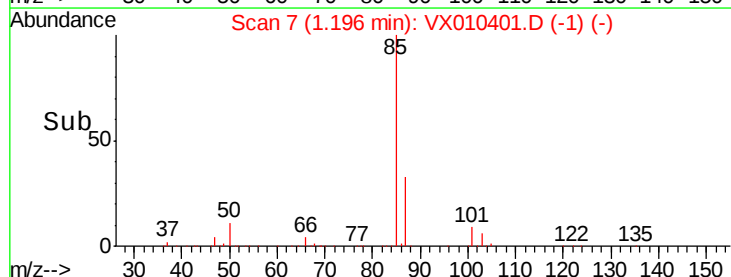
40000

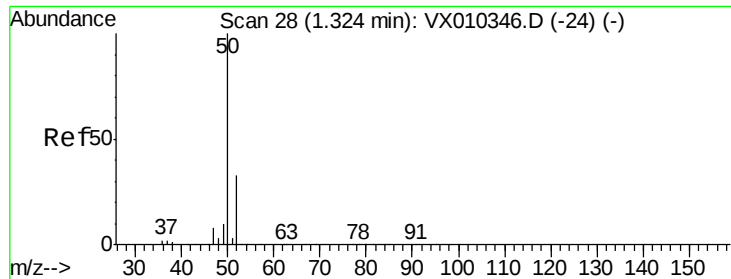
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.371 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

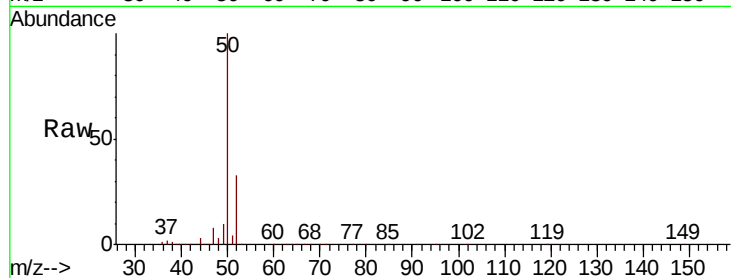
VSTDCCC050

Tot Ion: 50 Resp: 109201

Ion Ratio Lower Upper

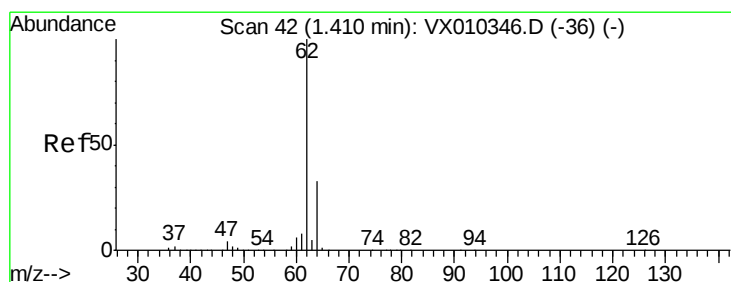
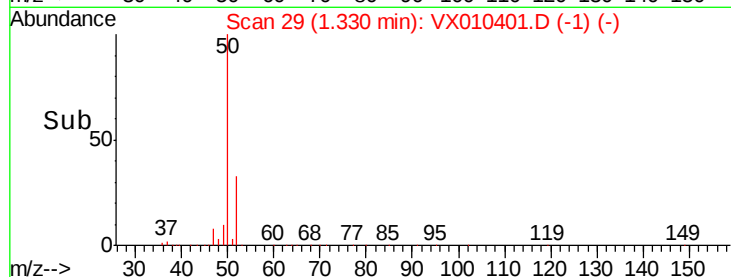
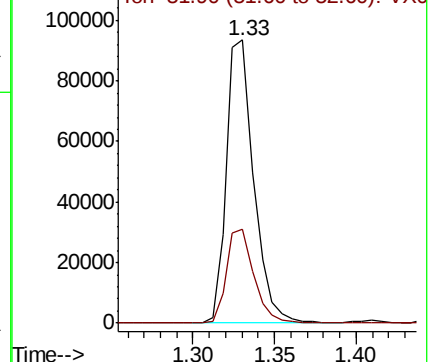
50 100

52 33.1 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: 43.970 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010401.D

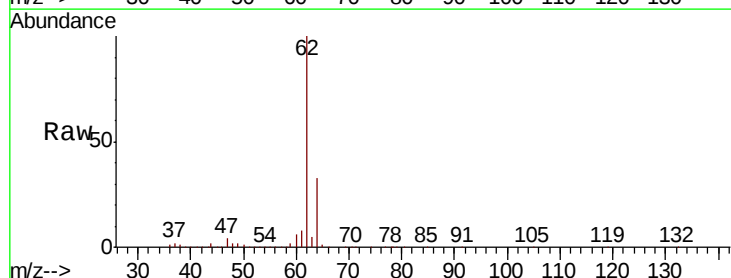
Acq: 24 Jun 2019 10:02

Tgt Ion: 62 Resp: 118527

Ion Ratio Lower Upper

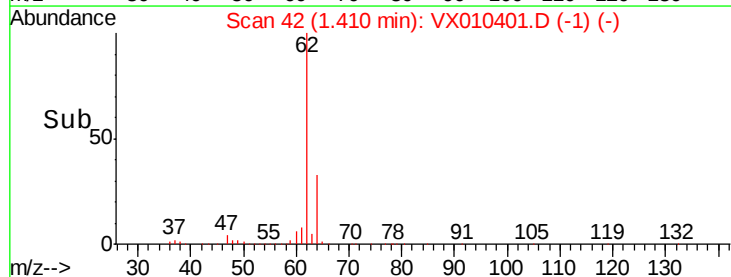
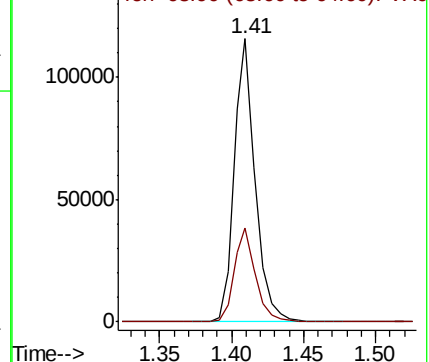
62 100

64 33.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.043 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

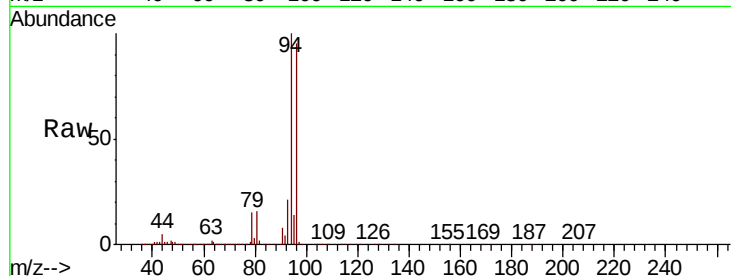
VSTDCCC050

Tot Ion: 94 Resp: 53900

Ion Ratio Lower Upper

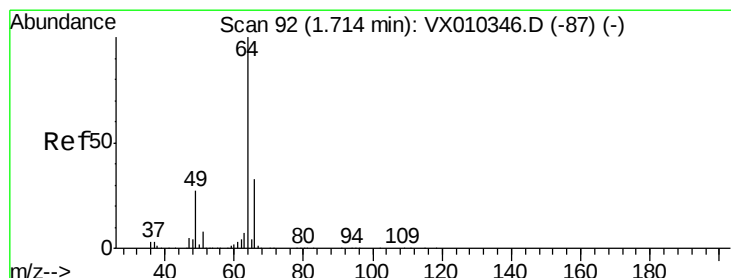
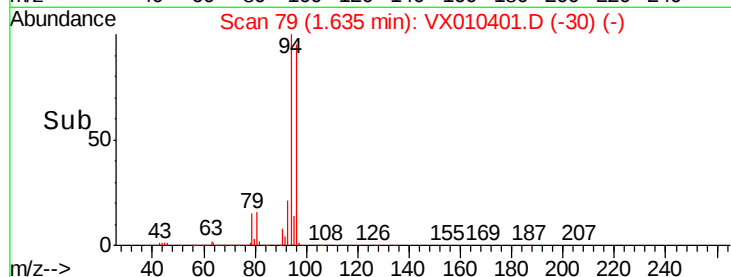
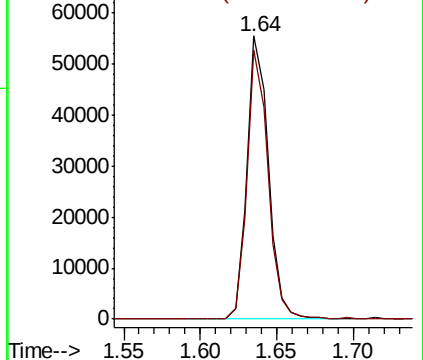
94 100

96 94.9 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: 46.482 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010401.D

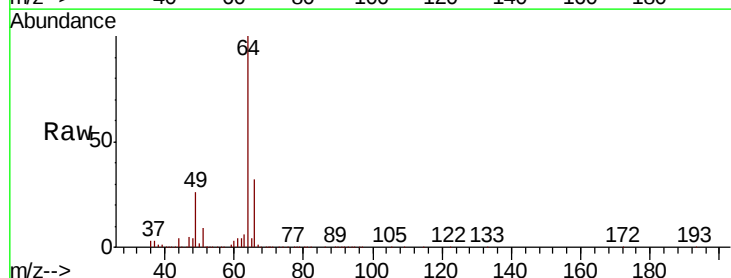
Acq: 24 Jun 2019 10:02

Tgt Ion: 64 Resp: 73924

Ion Ratio Lower Upper

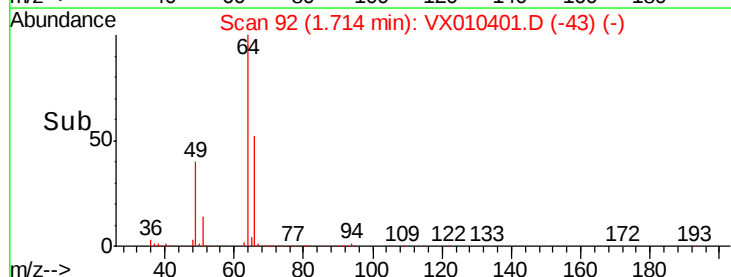
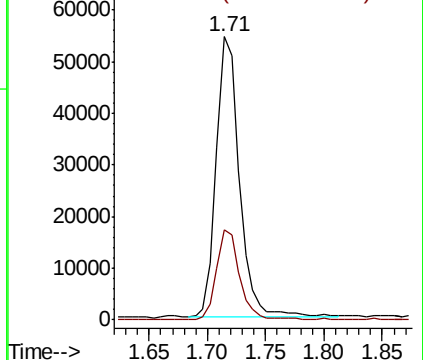
64 100

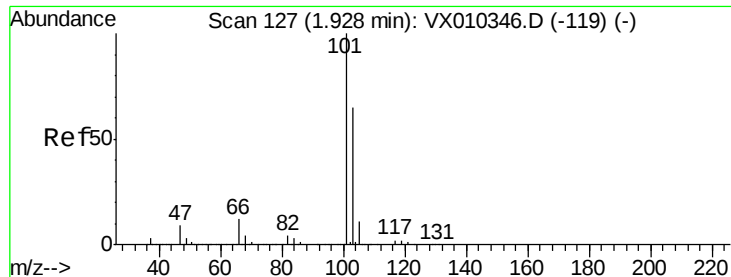
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



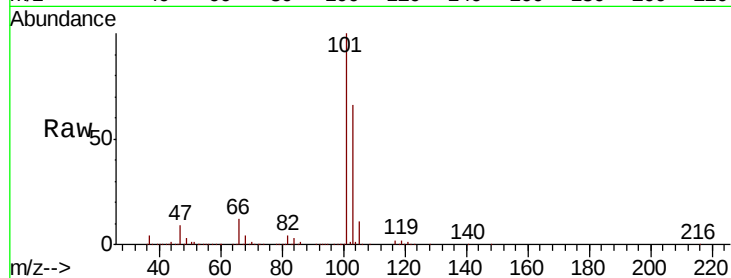


#7

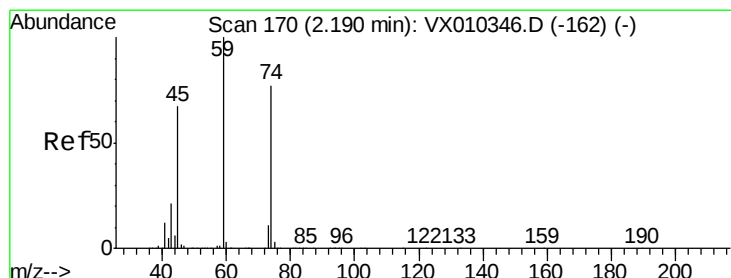
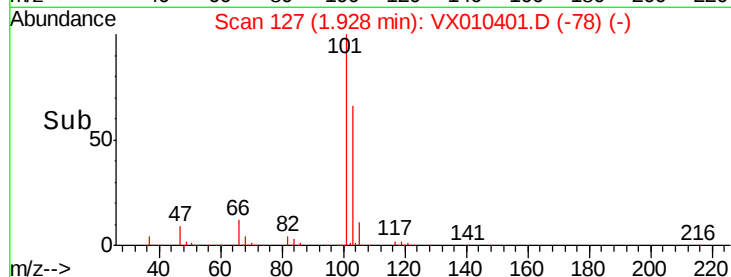
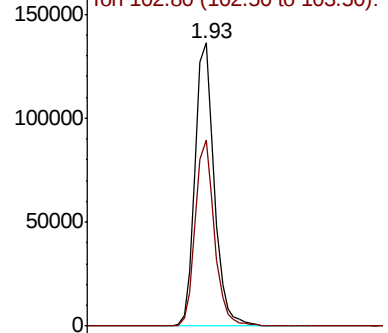
Trichlorofluoromethane
Concen: 47.349 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 202331
Ion Ratio Lower Upper
101 100
103 65.8 52.3 78.5



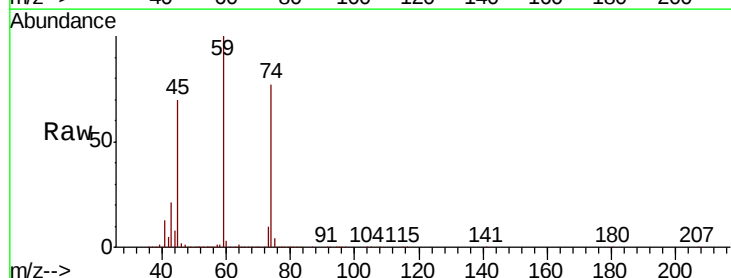
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



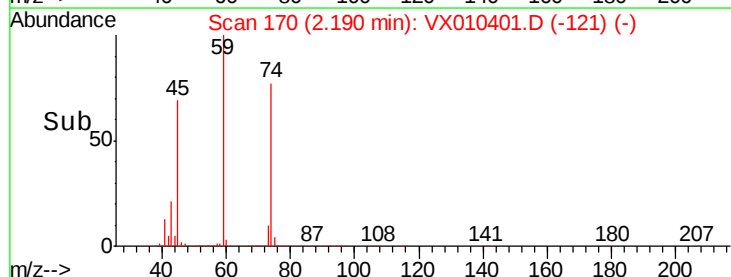
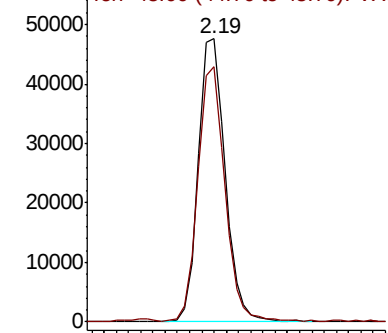
#8

Diethyl Ether
Concen: 47.302 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 74 Resp: 72487
Ion Ratio Lower Upper
74 100
45 90.4 44.8 134.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

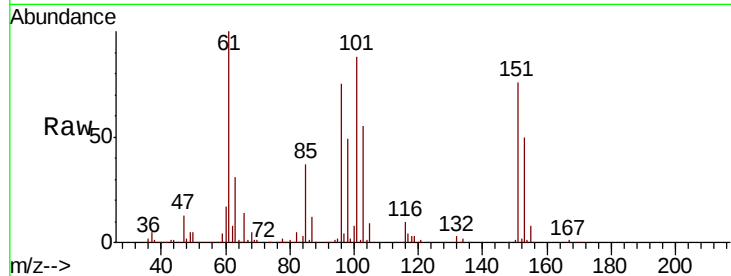
Tot Ion:101 Resp: 123473

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

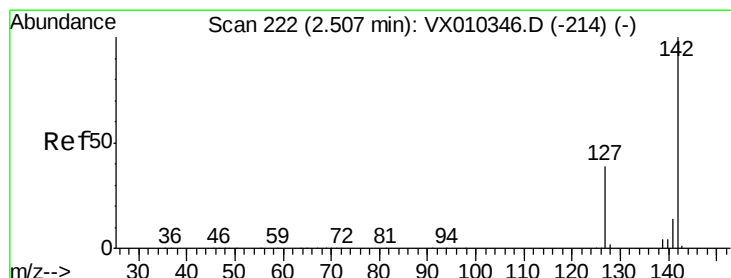
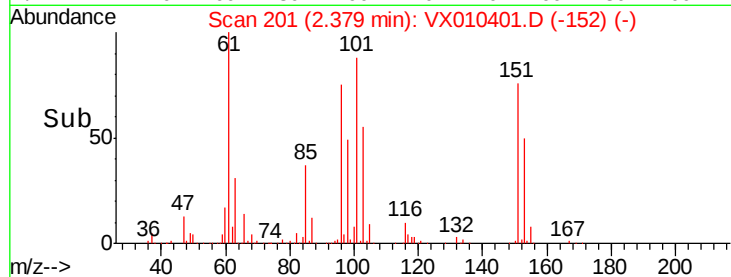
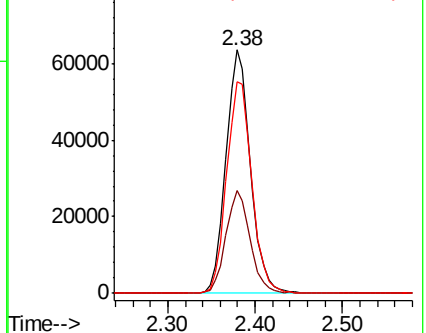
151 89.7 70.1 105.1



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: 40.861 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

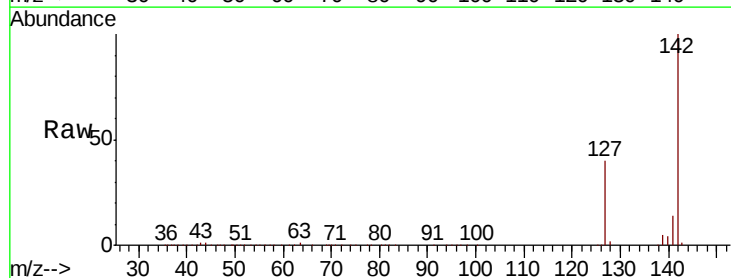
Tgt Ion:142 Resp: 151009

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

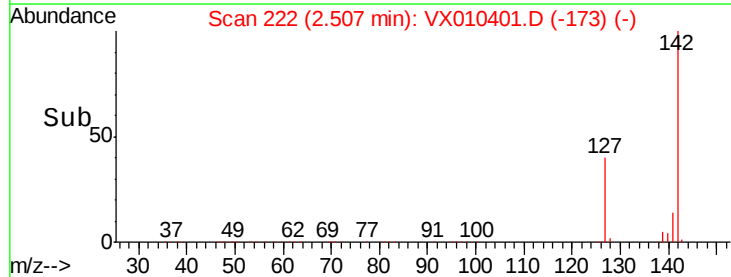
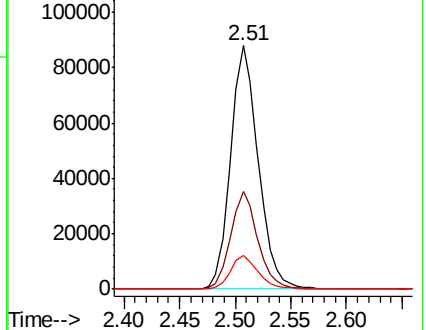
141 13.9 11.2 16.8



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

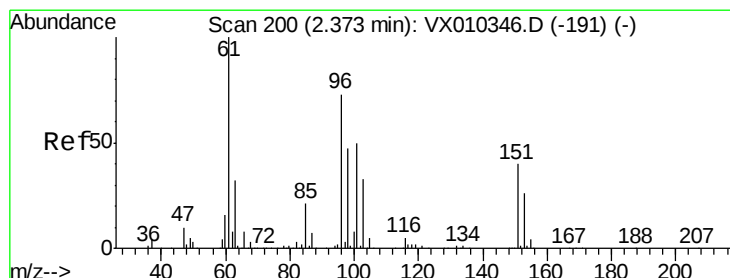
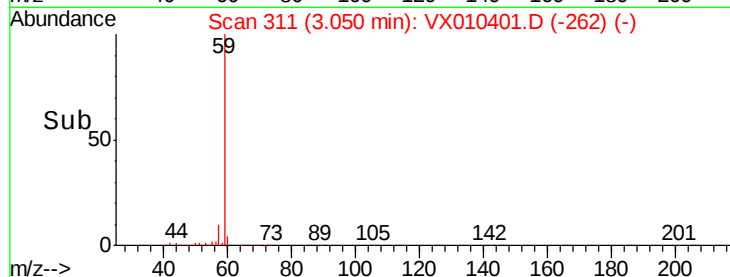
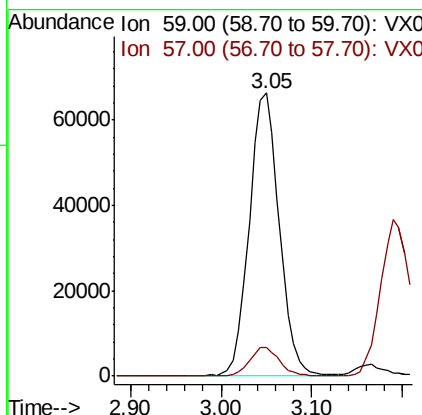
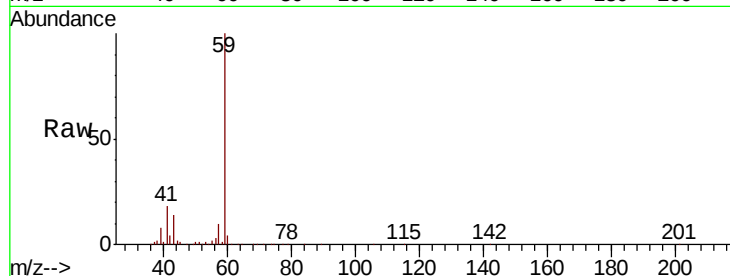




#11
Tert butyl alcohol
Concen: 204.040 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

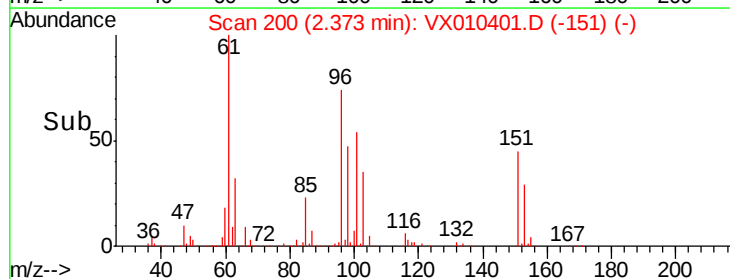
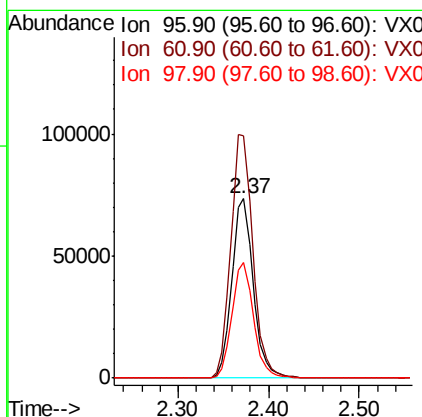
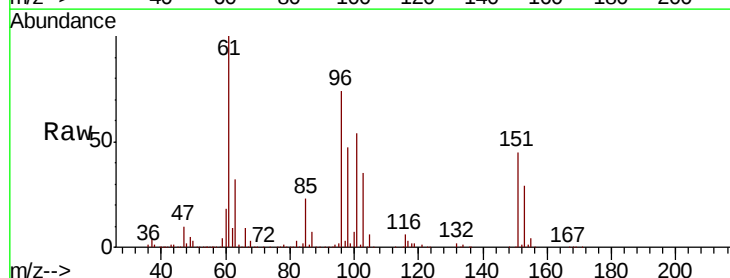
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 152183
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 45.910 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 96 Resp: 120975
Ion Ratio Lower Upper
96 100
61 135.4 109.2 163.8
98 64.4 51.1 76.7





#13

Acrolein

Concen: 198.400 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

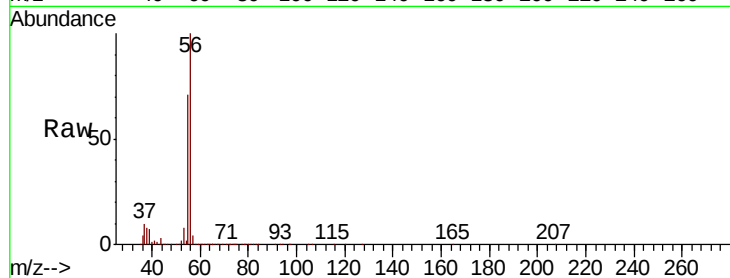
VSTDCCC050

Tot Ion: 56 Resp: 98164

Ion Ratio Lower Upper

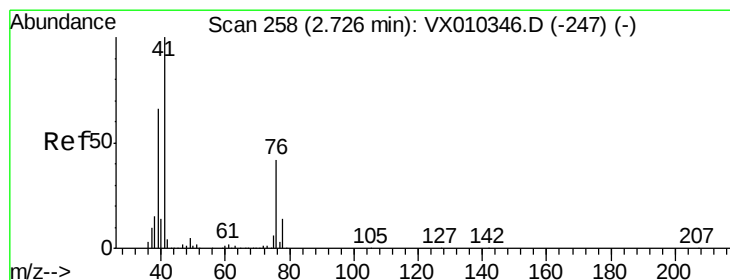
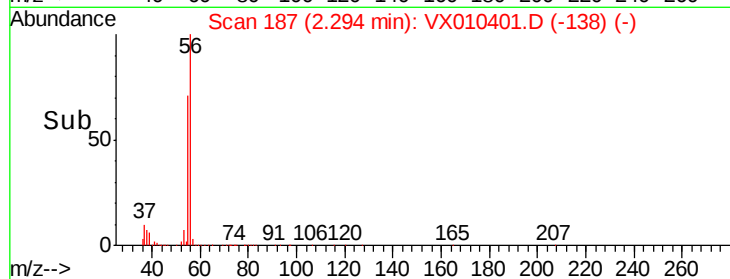
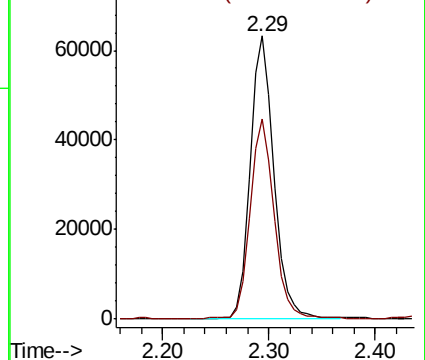
56 100

55 71.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

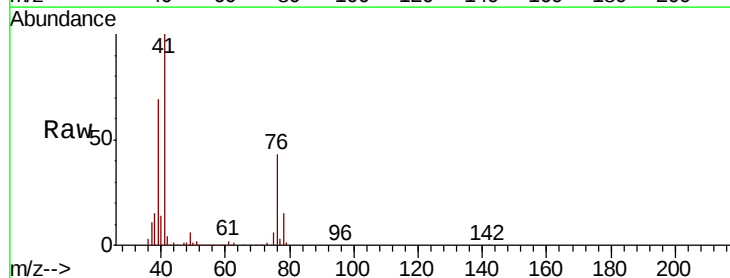
Tgt Ion: 41 Resp: 180704

Ion Ratio Lower Upper

41 100

39 63.2 50.3 75.5

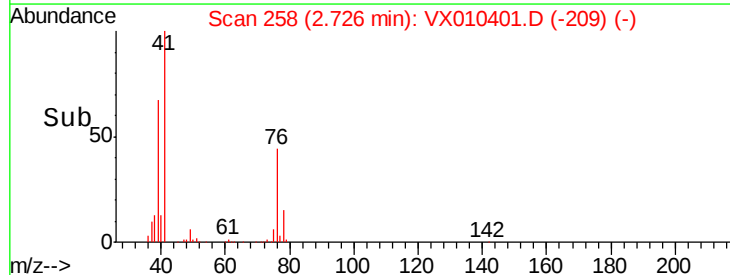
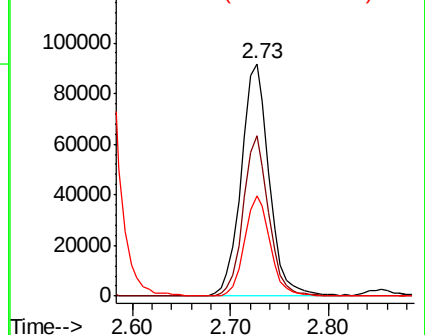
76 39.4 31.3 46.9

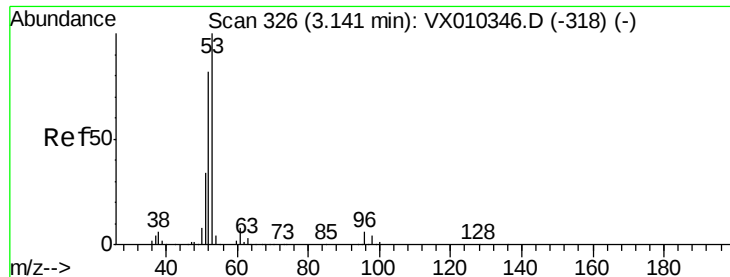


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 232.317 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

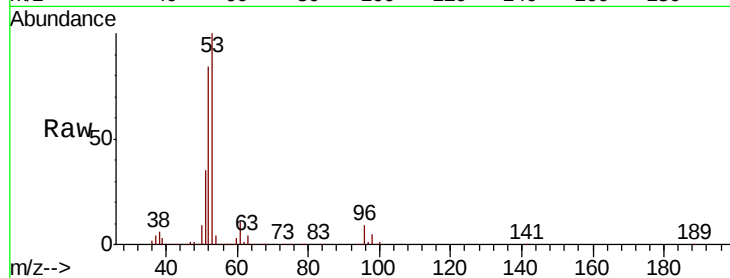
Tot Ion: 53 Resp: 343062

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

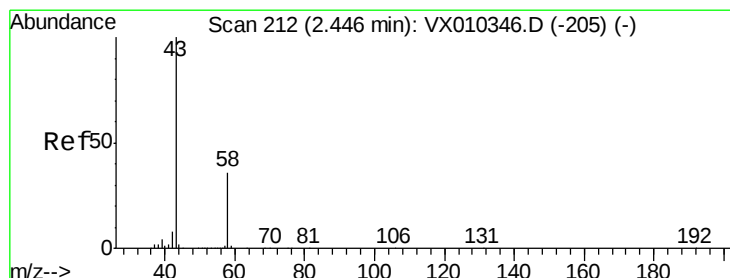
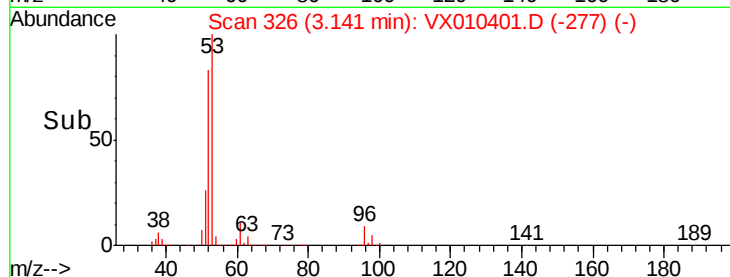
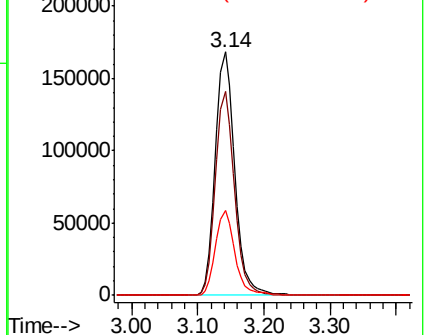
51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 274.346 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010401.D

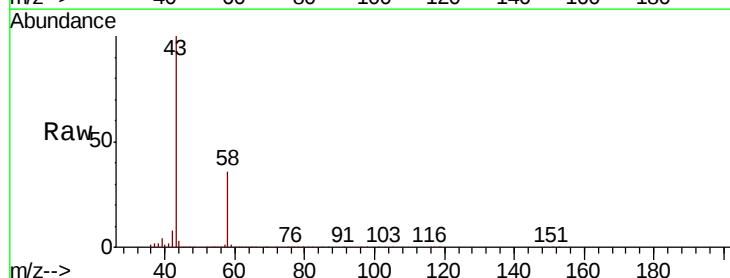
Acq: 24 Jun 2019 10:02

Tgt Ion: 43 Resp: 391908

Ion Ratio Lower Upper

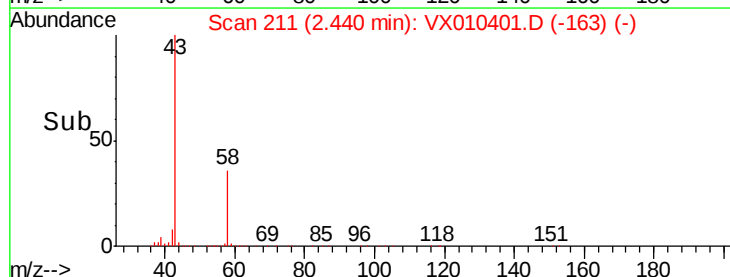
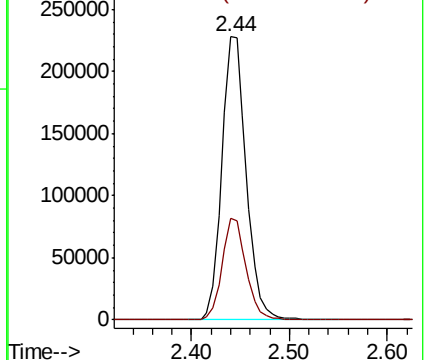
43 100

58 35.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

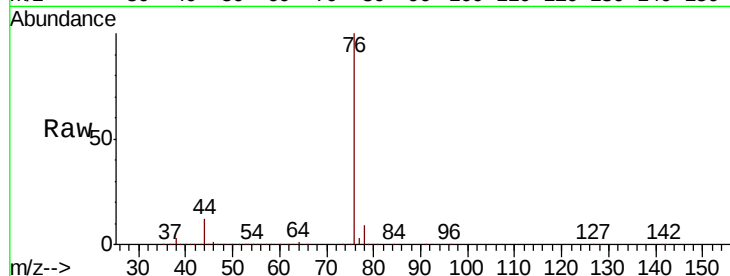




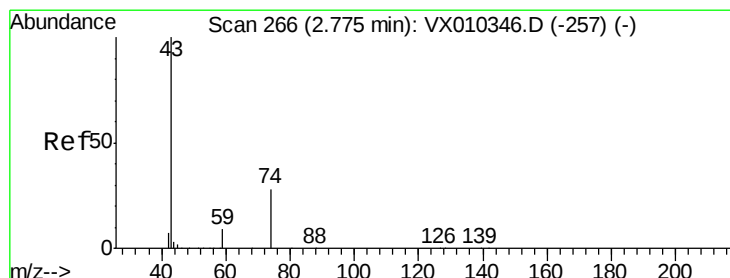
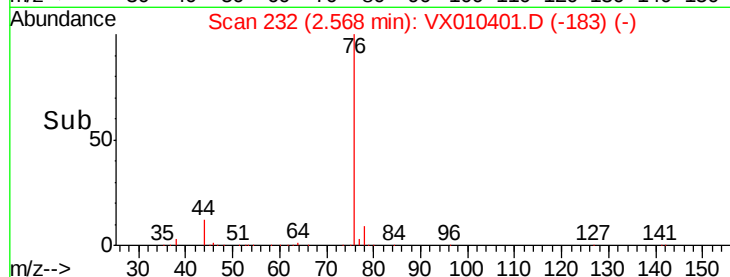
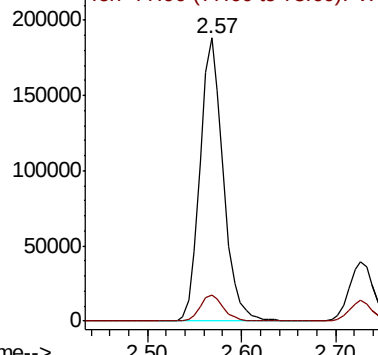
#17
Carbon Disulfide
Concen: 45.532 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 321890
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

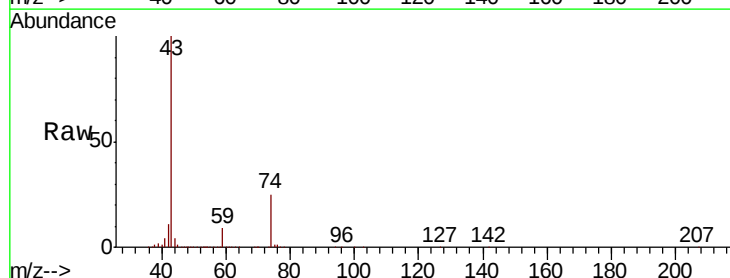


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

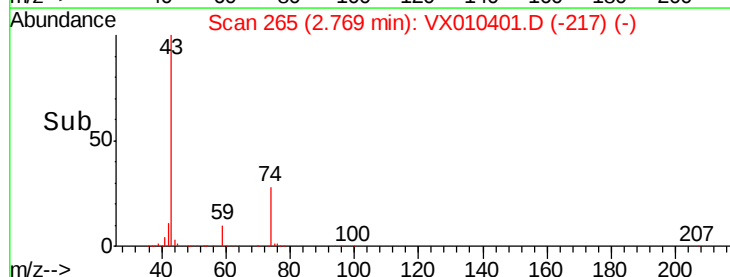
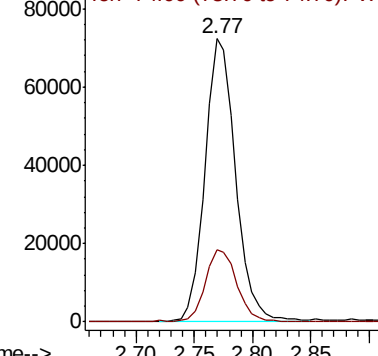


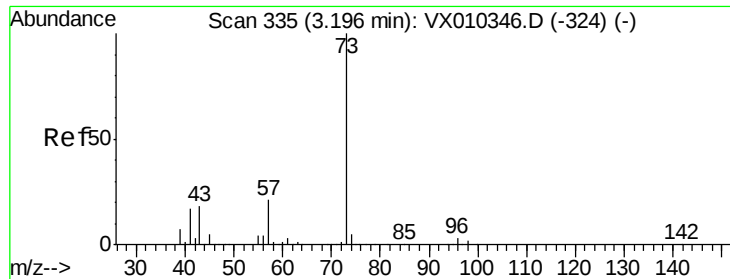
#18
Methyl Acetate
Concen: 46.461 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 43 Resp: 132279
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

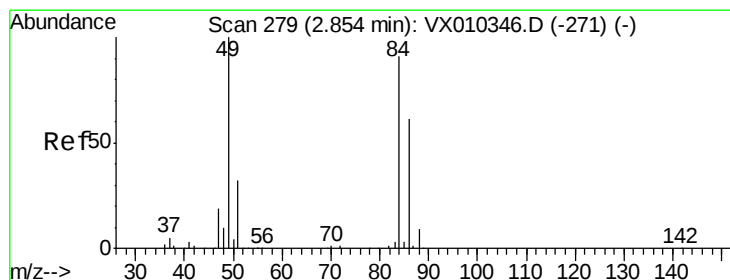
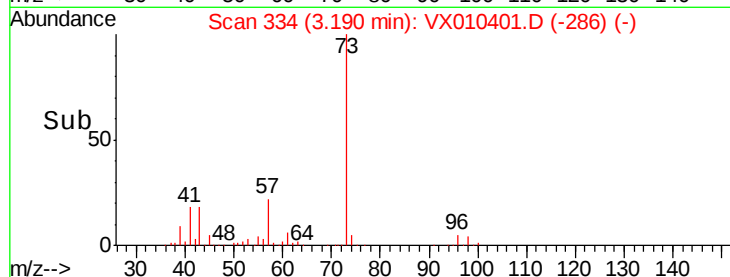
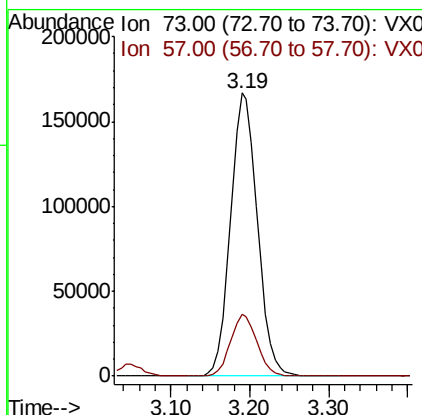
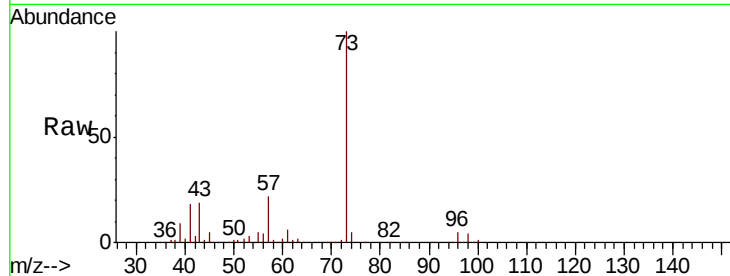




#19
Methyl tert-butyl Ether
Concen: 47.525 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

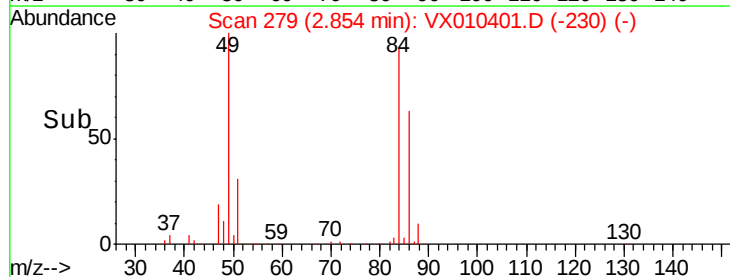
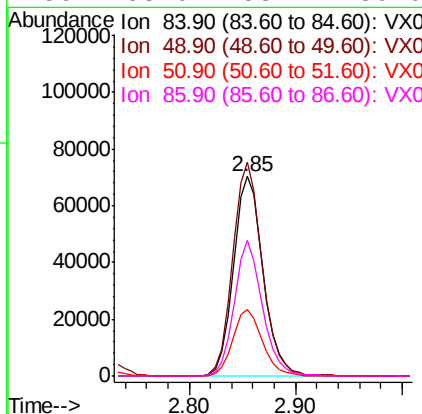
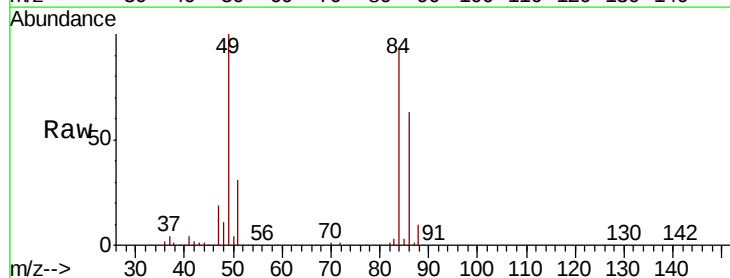
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

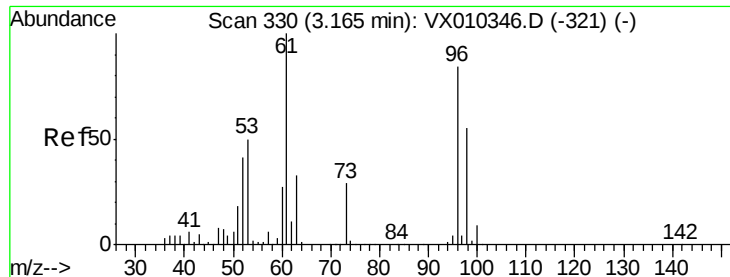
Tot Ion: 73 Resp: 393964
Ion Ratio Lower Upper
73 100
57 21.9 16.4 24.6



#20
Methylene Chloride
Concen: 46.617 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 84 Resp: 137044
Ion Ratio Lower Upper
84 100
49 107.1 87.5 131.3
51 33.3 27.7 41.5
86 68.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.253 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

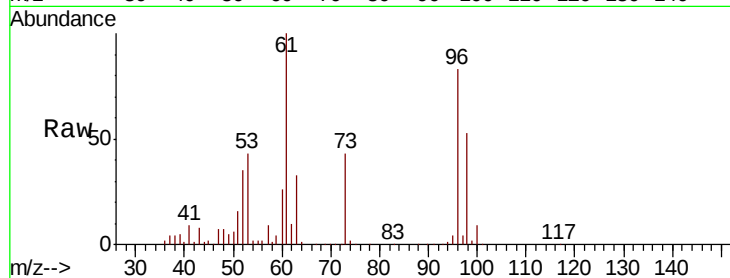
Tot Ion: 96 Resp: 131084

Ion Ratio Lower Upper

96 100

61 120.7 95.6 143.4

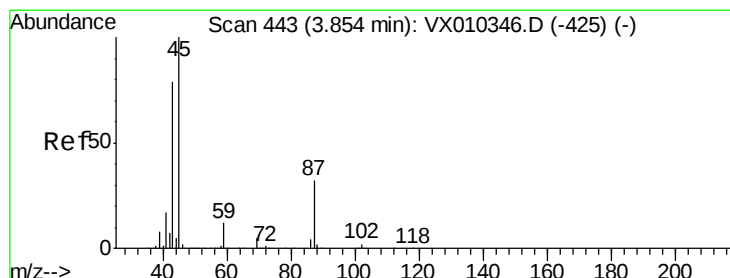
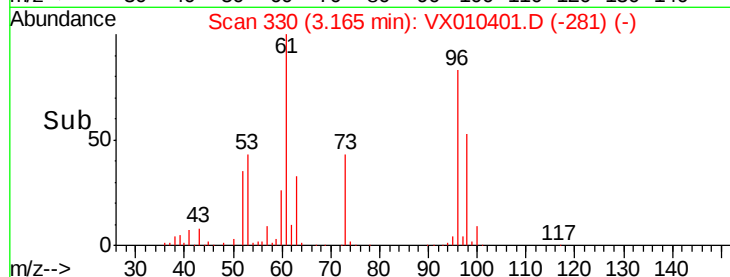
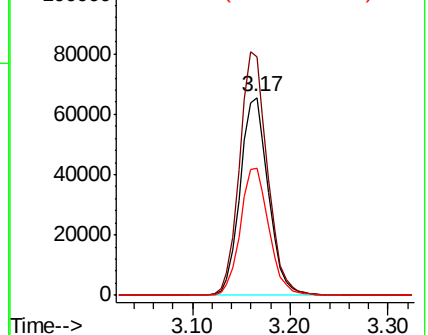
98 64.4 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.233 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Tgt Ion: 45 Resp: 369443

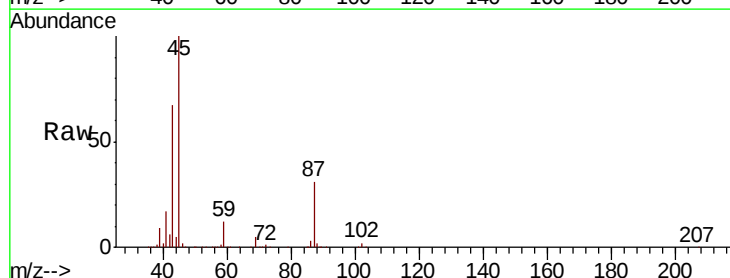
Ion Ratio Lower Upper

45 100

43 66.3 63.3 94.9

87 30.8 25.8 38.8

59 12.3 9.6 14.4

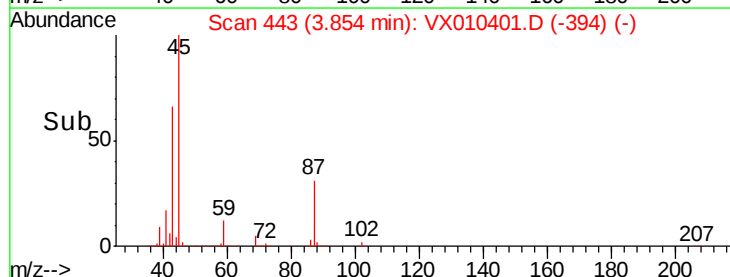
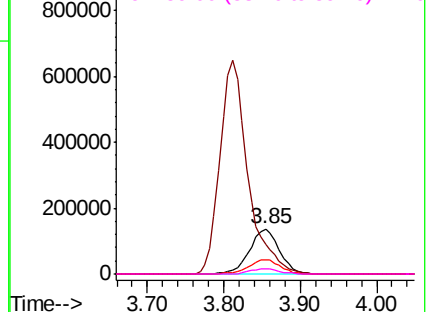


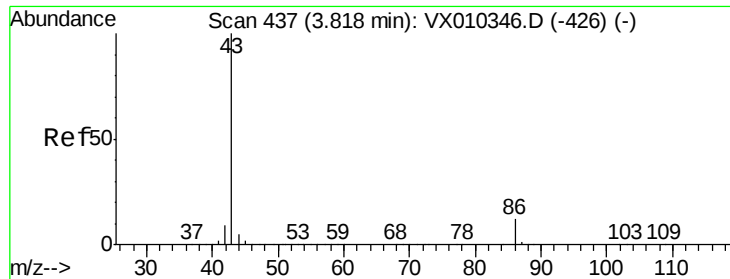
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 245.167 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

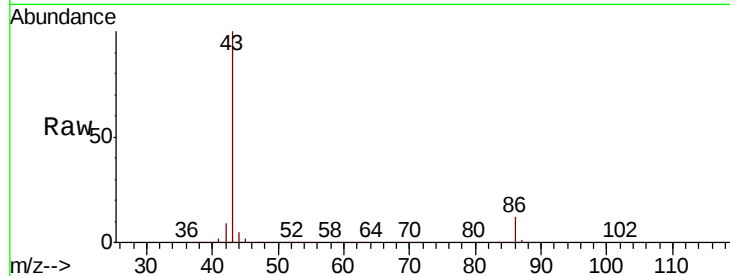
VSTDCCC050

Tot Ion: 43 Resp: 1656607

Ion Ratio Lower Upper

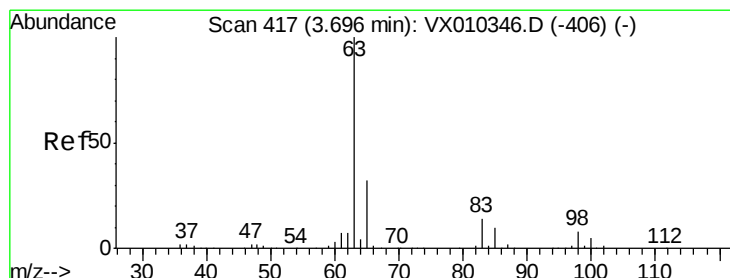
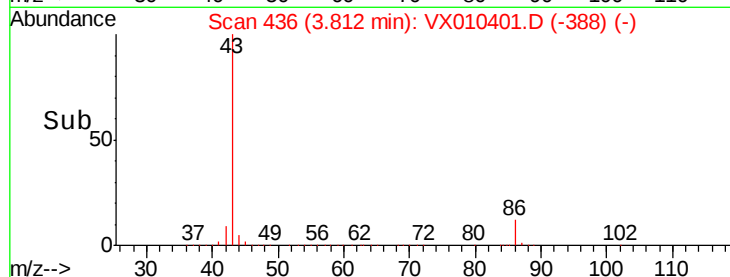
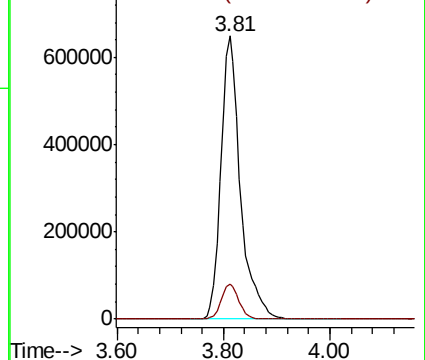
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.448 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

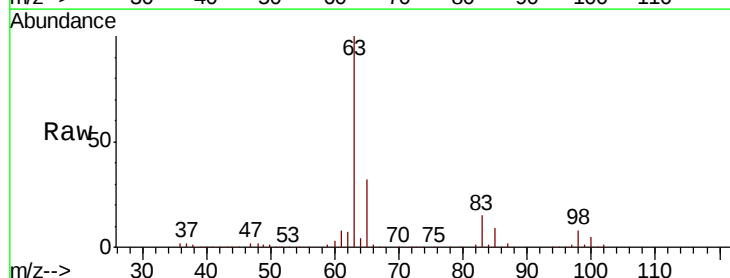
Tgt Ion: 63 Resp: 214523

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

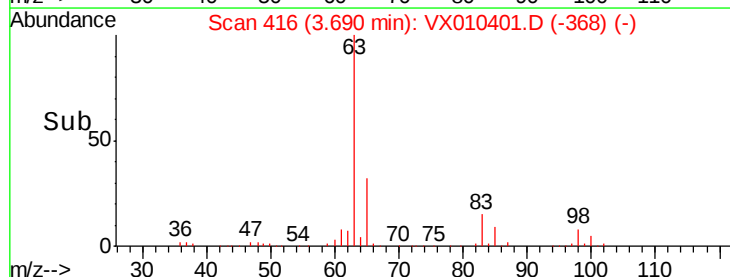
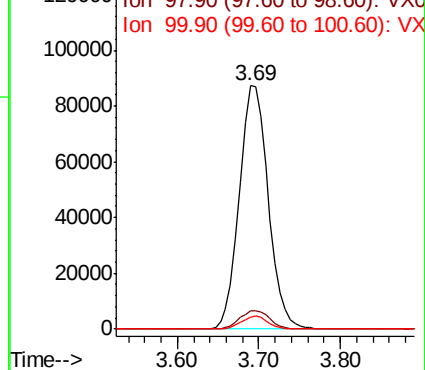
100 4.8 2.4 7.1

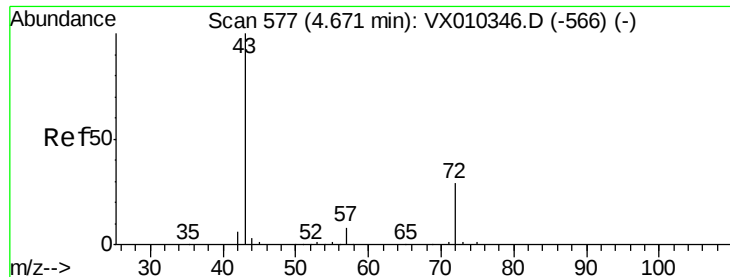


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.415 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

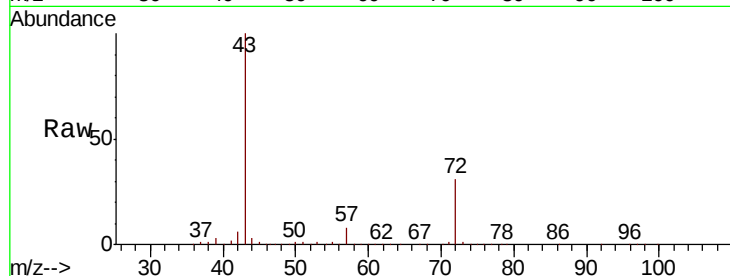
VSTDCCC050

Tot Ion: 43 Resp: 531020

Ion Ratio Lower Upper

43 100

72 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

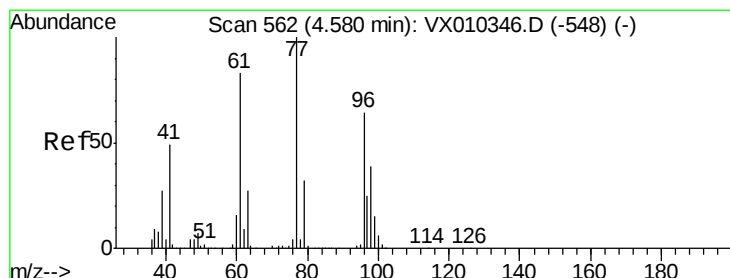
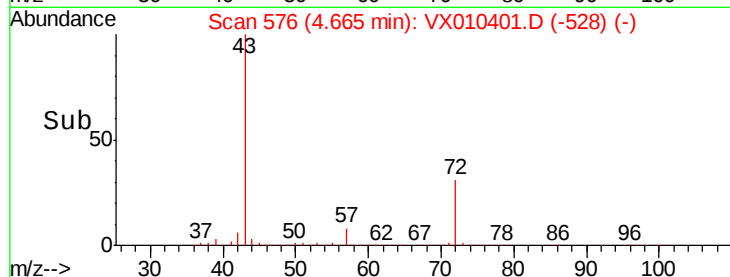
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.617 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010401.D

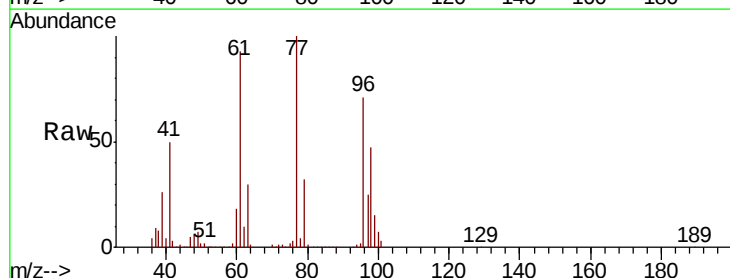
Acq: 24 Jun 2019 10:02

Tgt Ion: 77 Resp: 194872

Ion Ratio Lower Upper

77 100

97 25.7 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

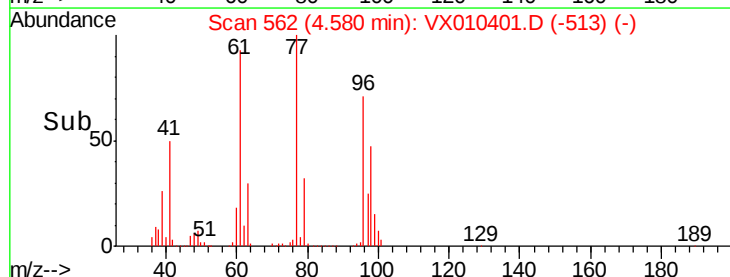
40000

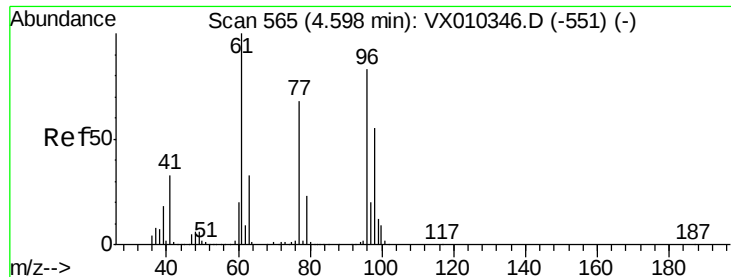
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->



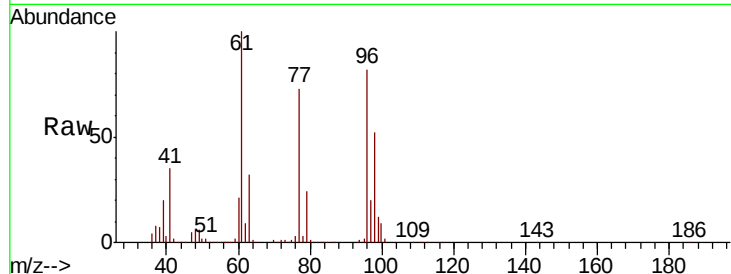


#27

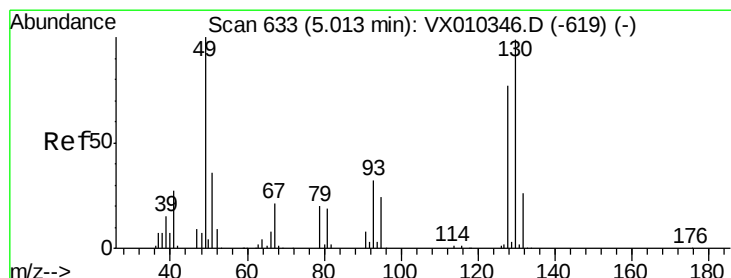
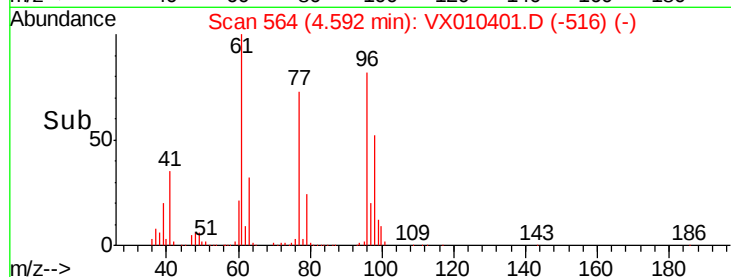
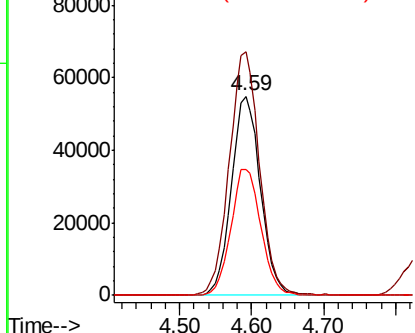
cis-1,2-Dichloroethene
 Concen: 47.100 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 154252
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 251.8
 98 65.1 0.0 129.4



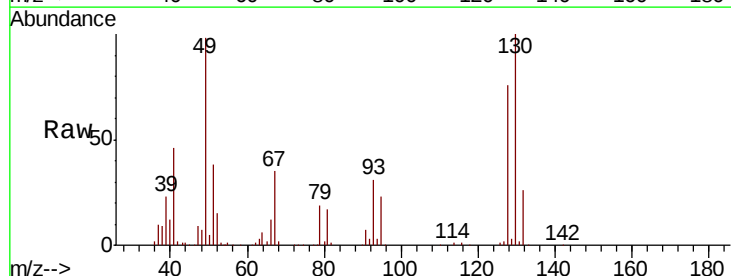
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



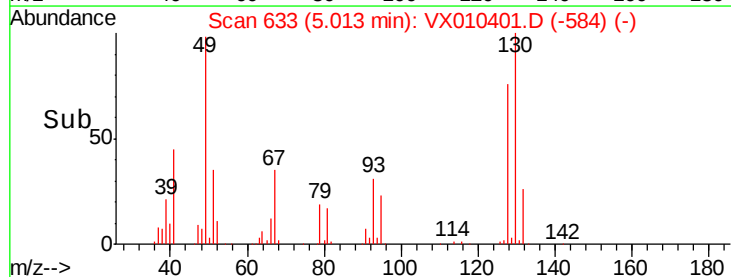
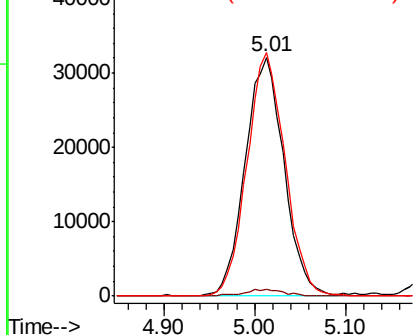
#28

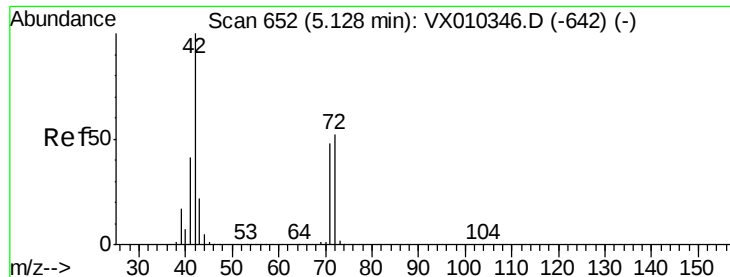
Bromochloromethane
 Concen: 44.045 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion: 49 Resp: 95211
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.6
 130 100.2 81.4 122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 226.776 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

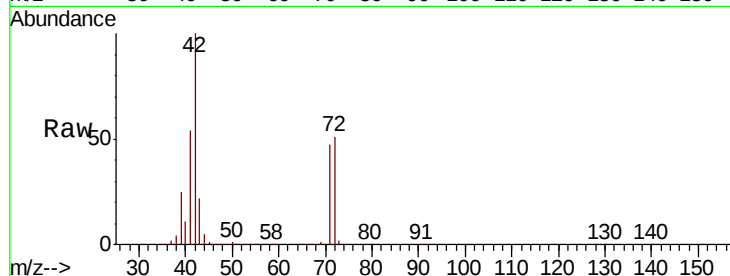
Tot Ion: 42 Resp: 294341

Ion Ratio Lower Upper

42 100

72 50.9 40.6 60.8

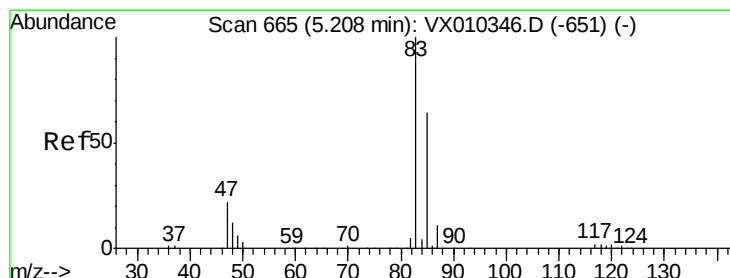
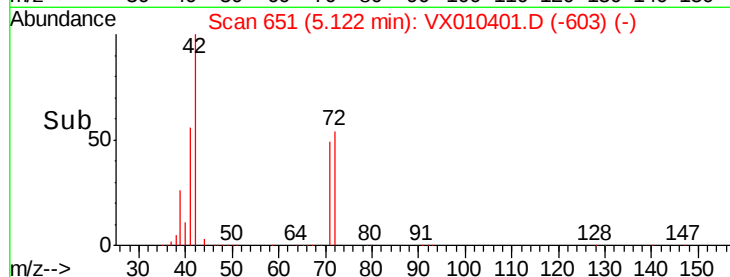
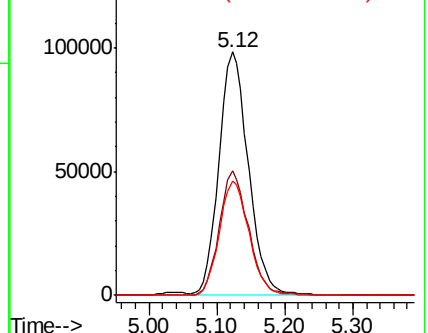
71 47.7 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.367 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX010401.D

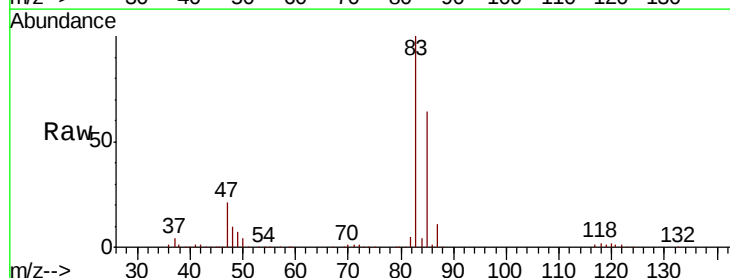
Acq: 24 Jun 2019 10:02

Tgt Ion: 83 Resp: 230420

Ion Ratio Lower Upper

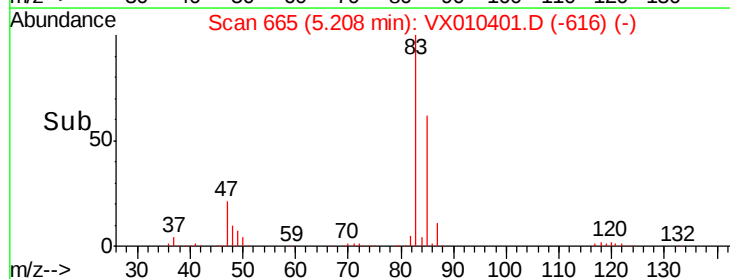
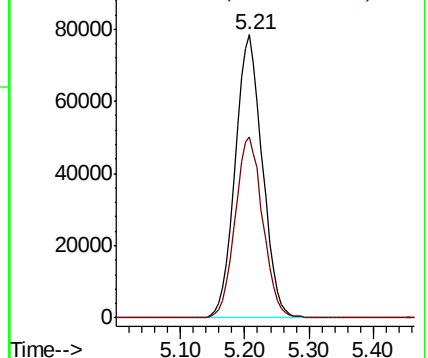
83 100

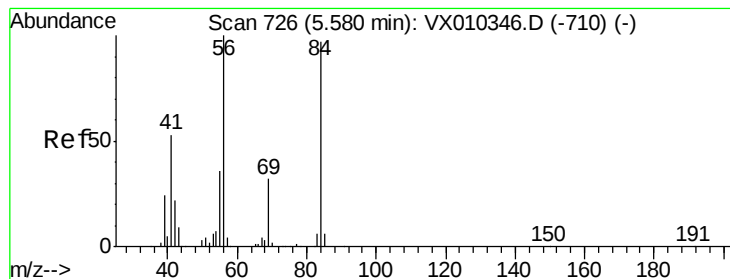
85 63.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.671 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

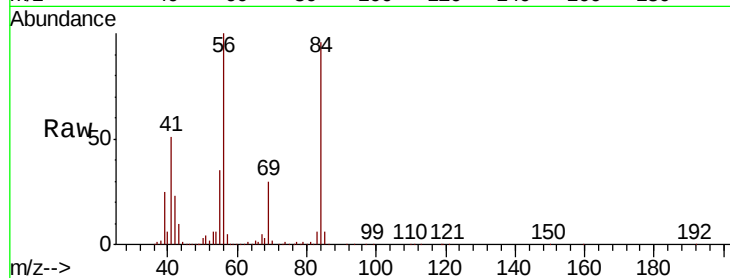
Tot Ion: 56 Resp: 196272

Ion Ratio Lower Upper

56 100

69 30.3 25.9 38.9

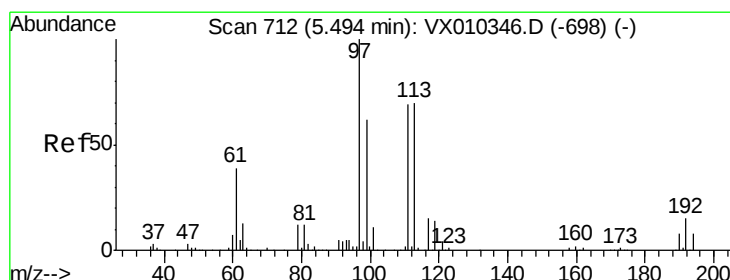
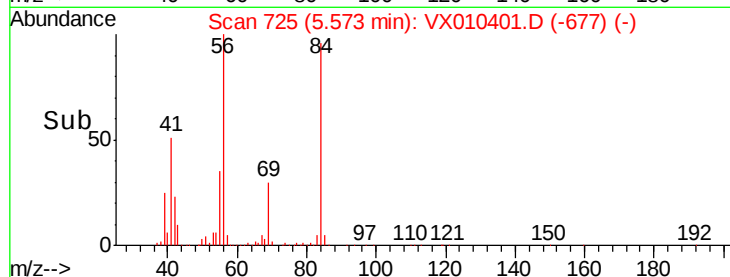
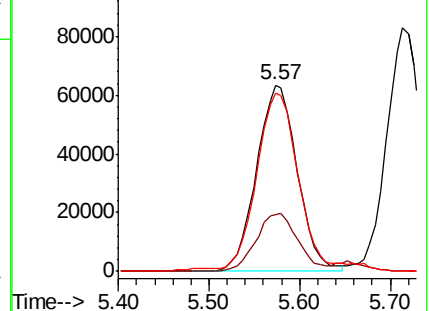
84 94.1 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.242 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

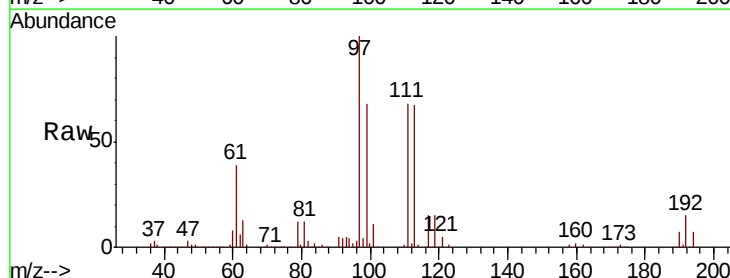
Tgt Ion: 97 Resp: 207218

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

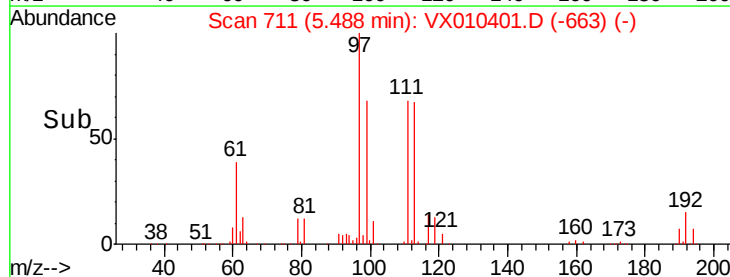
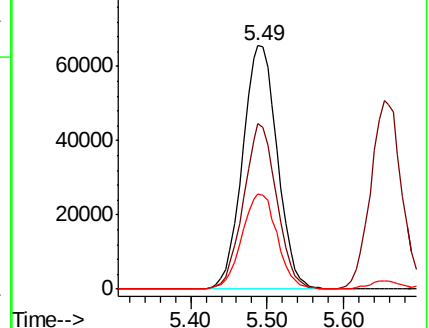
61 39.7 32.1 48.1

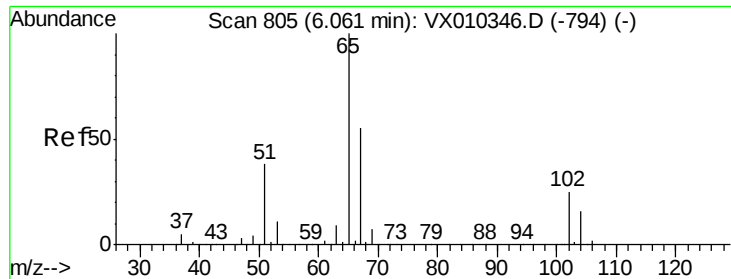


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

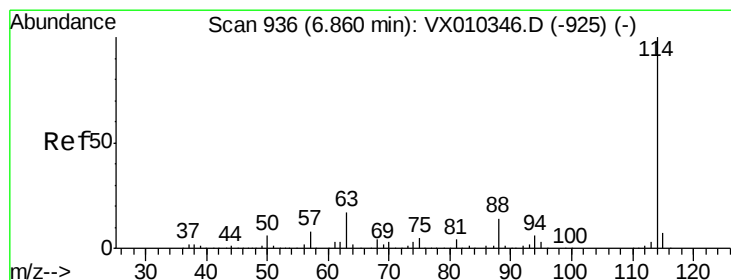
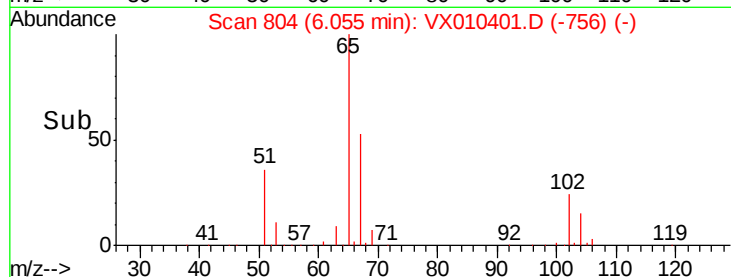
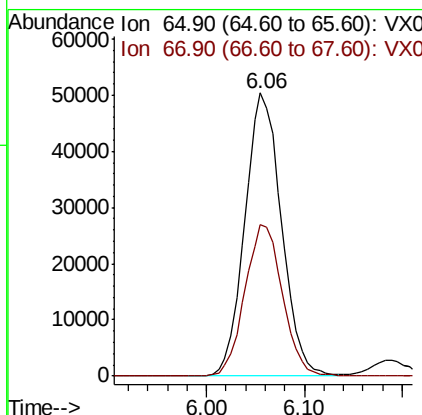
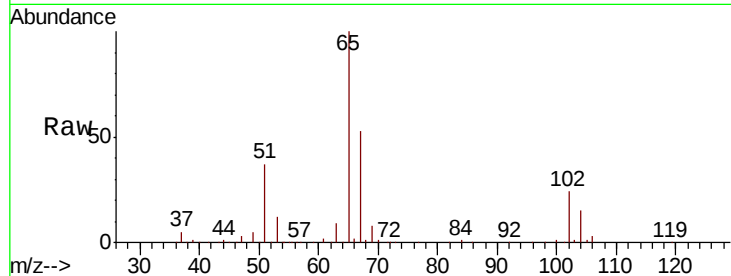




#33
 1,2-Dichloroethane-d4
 Concen: 45.938 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

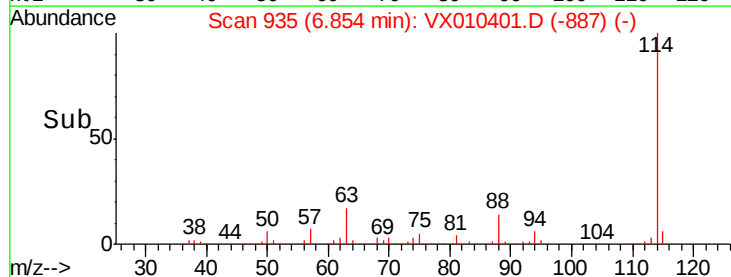
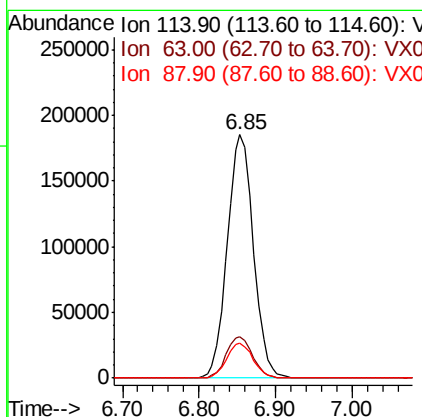
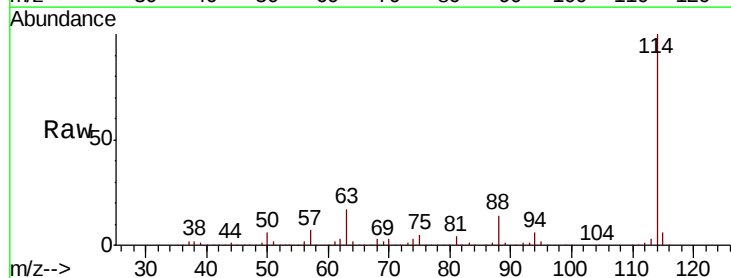
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 130939
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion: 114 Resp: 436648
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

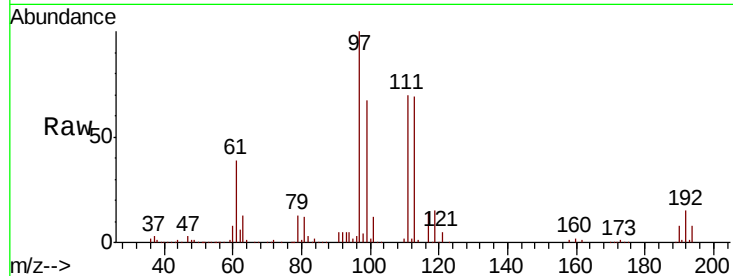
Tot Ion:113 Resp: 129575

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

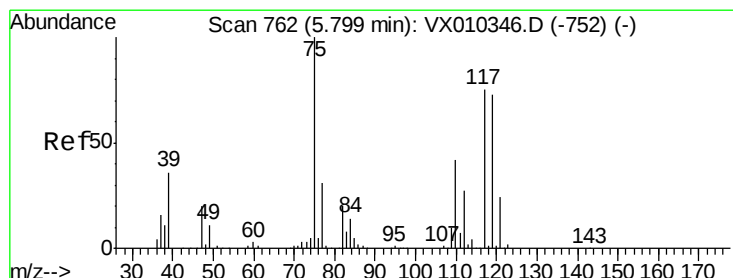
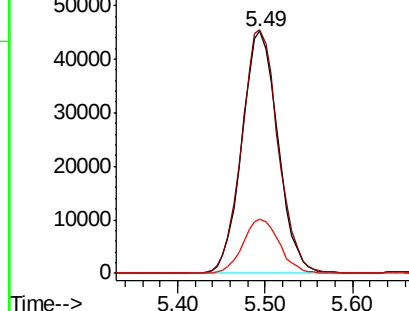
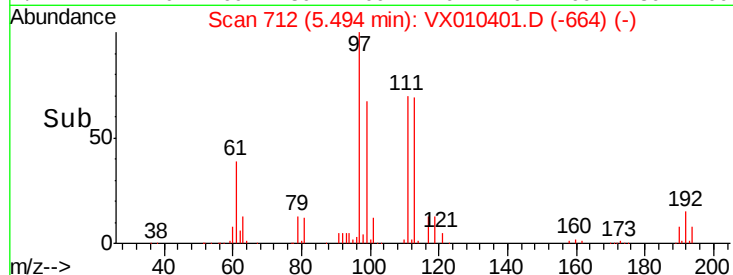
192 22.6 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.762 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

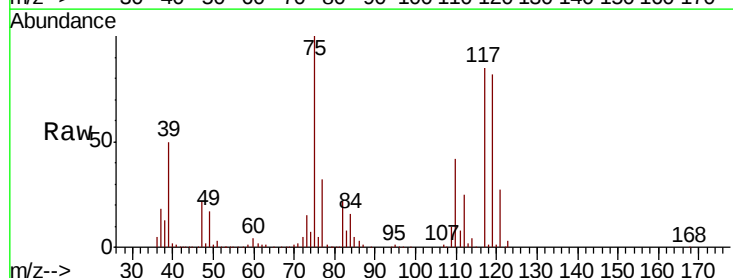
Tgt Ion: 75 Resp: 169198

Ion Ratio Lower Upper

75 100

110 41.7 20.8 62.2

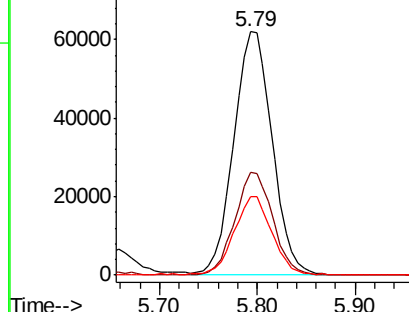
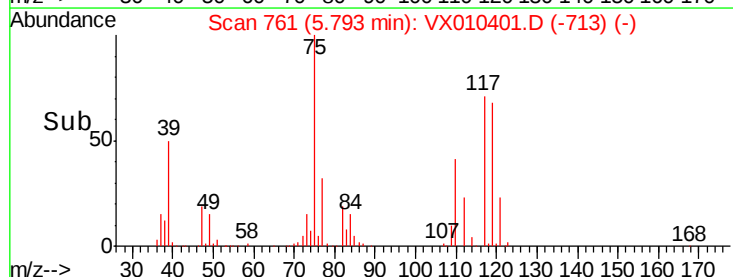
77 31.5 25.4 38.0

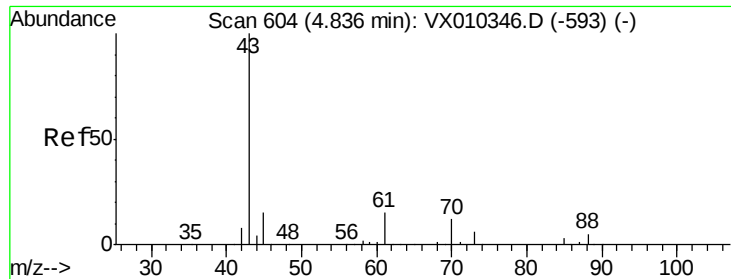


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.164 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

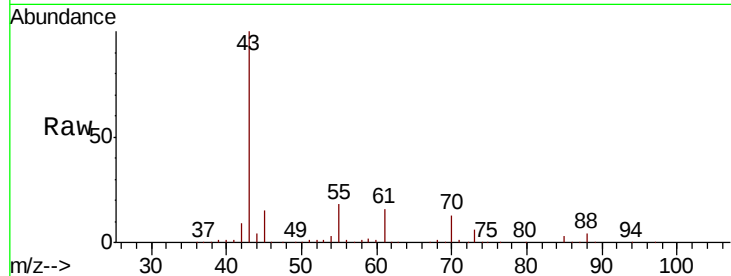
Tot Ion: 43 Resp: 175497

Ion Ratio Lower Upper

43 100

61 16.4 12.4 18.6

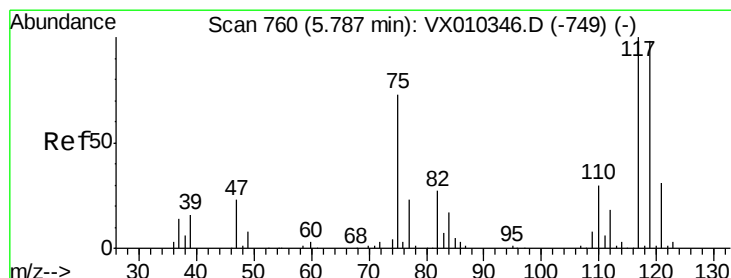
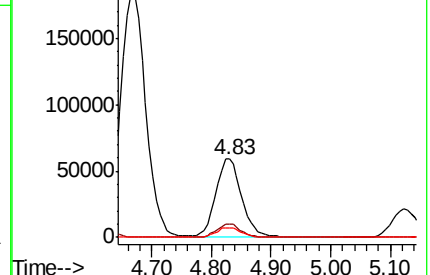
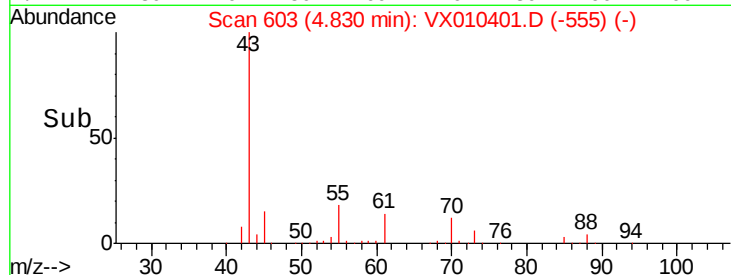
70 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.410 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

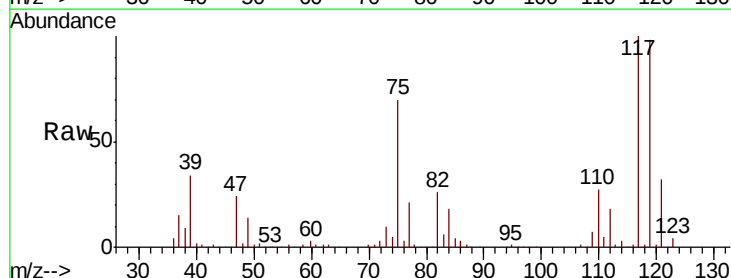
Tgt Ion: 117 Resp: 193166

Ion Ratio Lower Upper

117 100

119 97.6 78.2 117.4

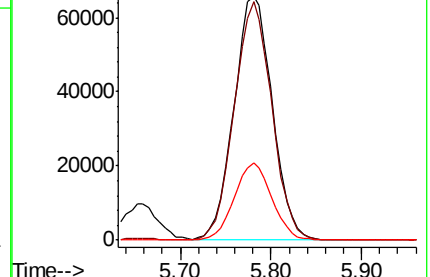
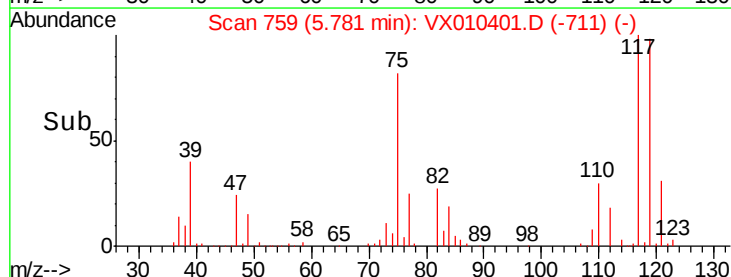
121 31.4 24.7 37.1



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

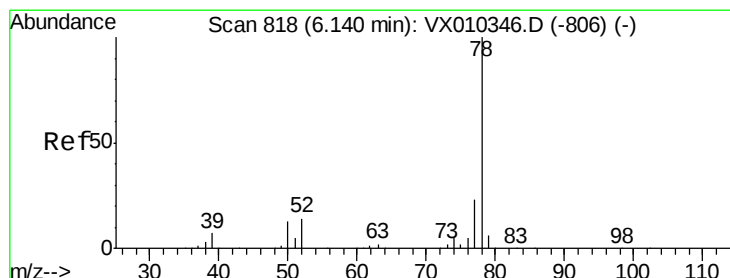
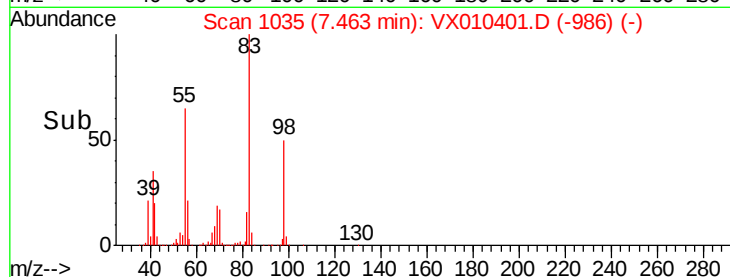
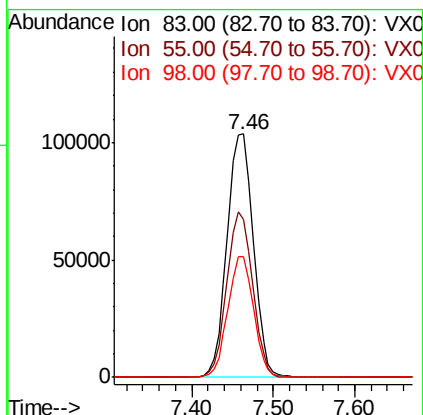
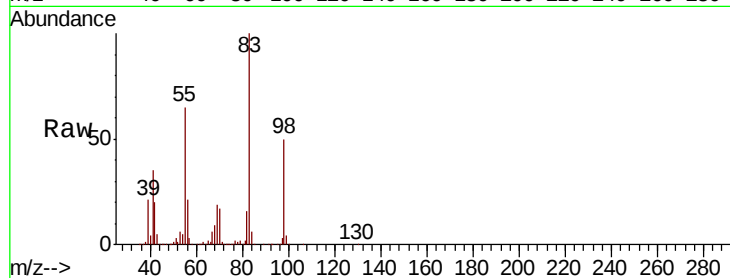




#39
Methvlcvclohexane
Concen: 50.670 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

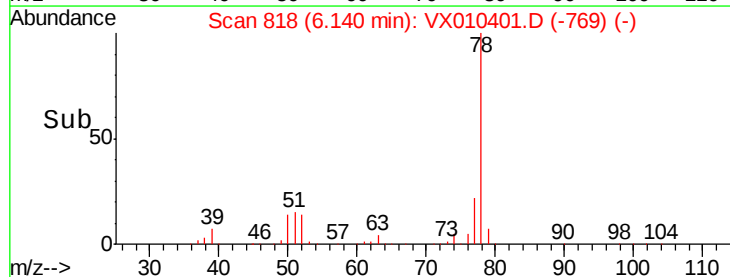
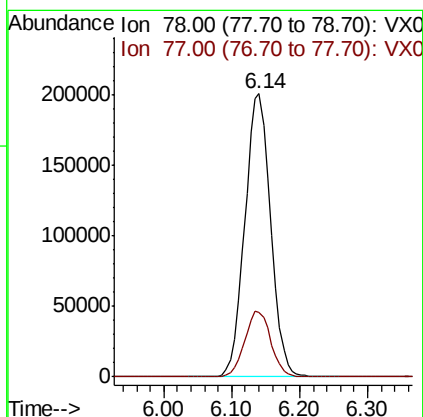
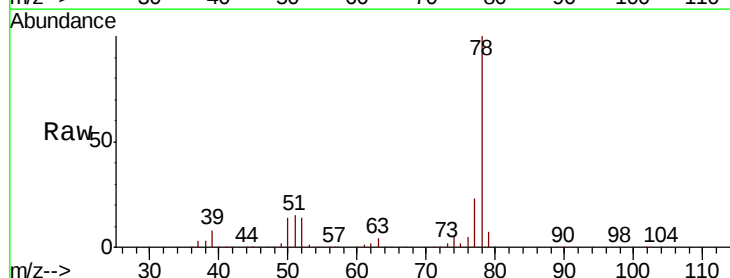
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

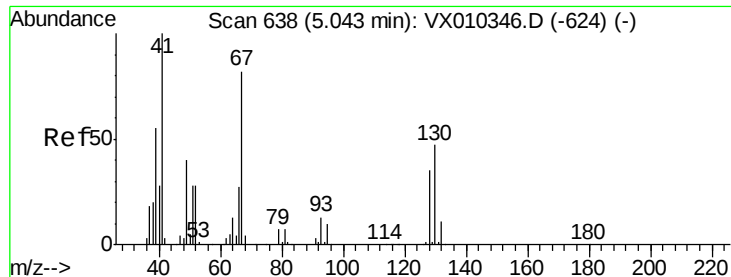
Tot Ion	83	Resp	231105
Ion	Ratio	Lower	Upper
83	100		
55	65.1	53.0	79.6
98	49.5	37.8	56.8



#40
Benzene
Concen: 48.917 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion	78	Resp	528808
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0

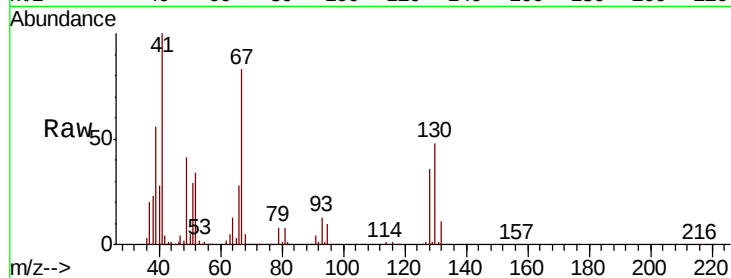




#41
Methacrylonitrile
Concen: 47.923 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	93862
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.8	65.8
67	84.3	66.6	100.0
52	31.9	24.5	36.7



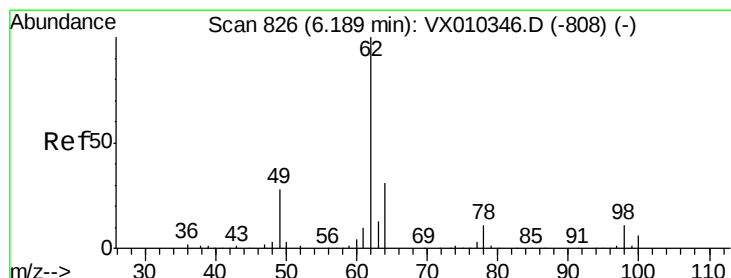
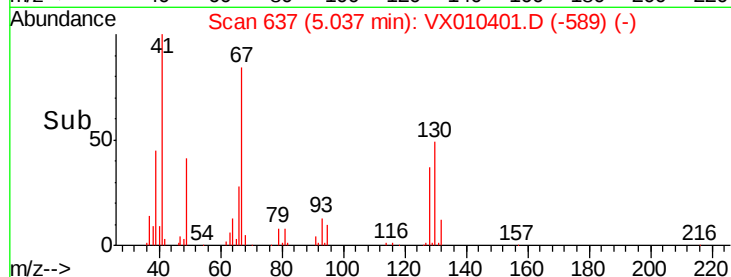
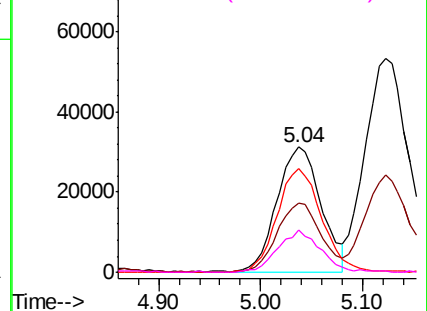
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

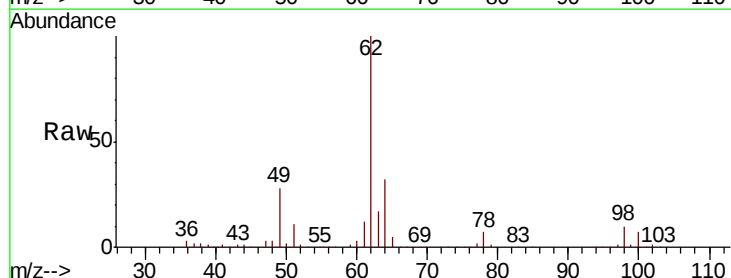
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.740 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

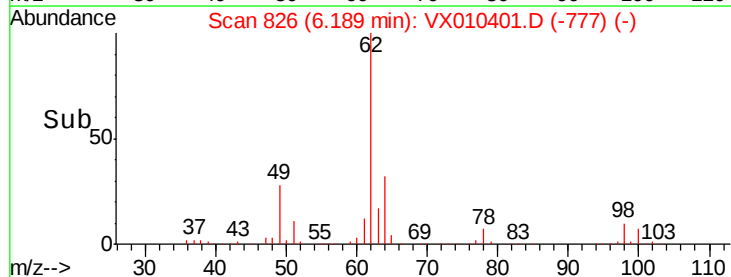
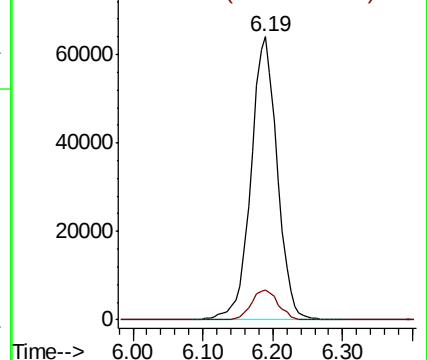
Tgt Ion:	62	Resp:	166966
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.2

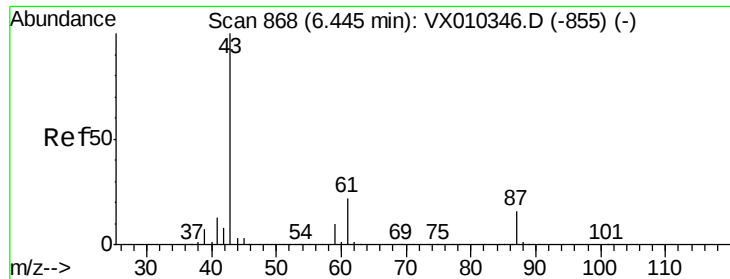


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.748 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

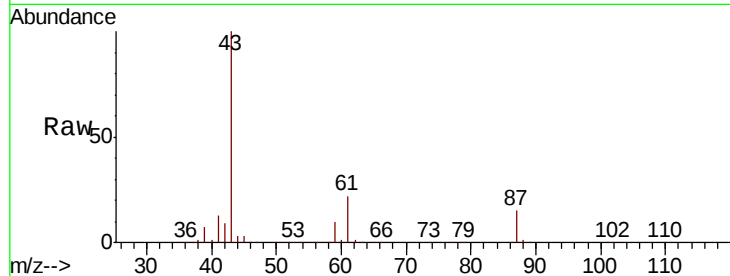
Tot Ion: 43 Resp: 293804

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

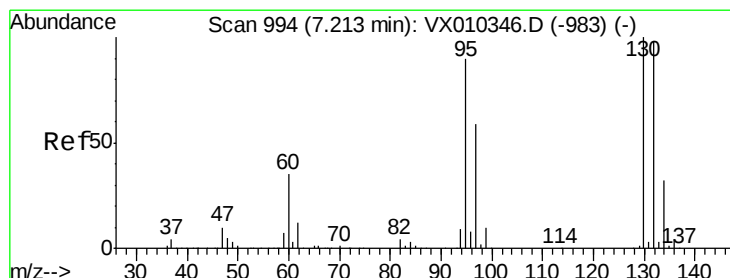
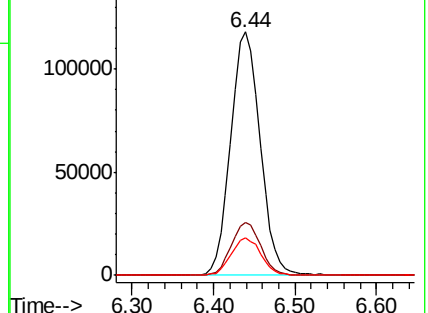
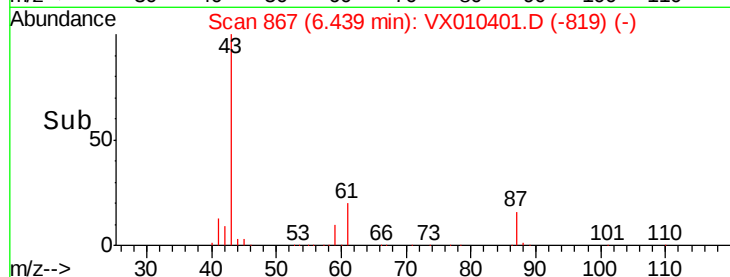
87 15.7 13.0 19.4



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: 49.510 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010401.D

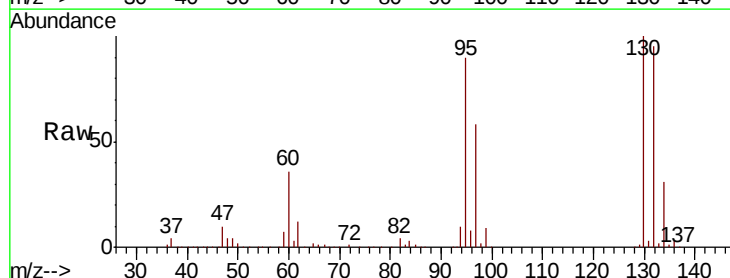
Acq: 24 Jun 2019 10:02

Tgt Ion:130 Resp: 160151

Ion Ratio Lower Upper

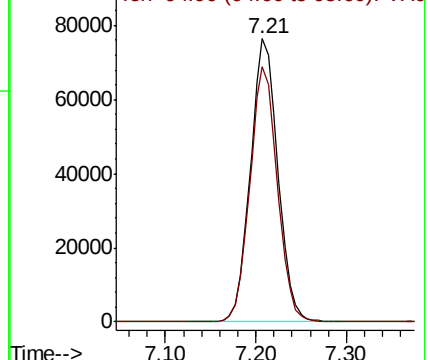
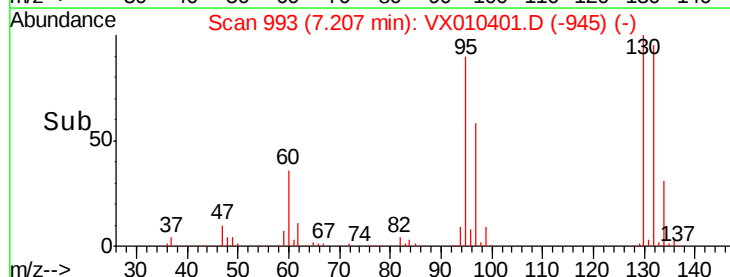
130 100

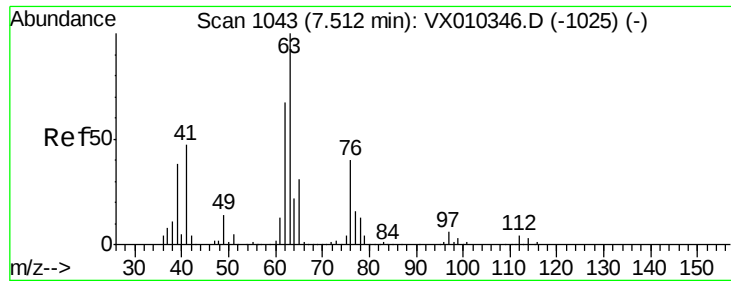
95 90.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.931 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

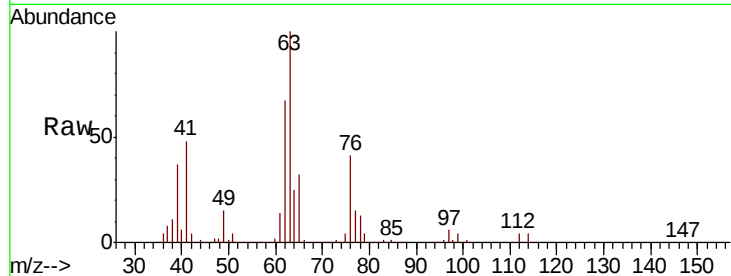
VSTDCCC050

Tot Ion: 63 Resp: 130845

Ion Ratio Lower Upper

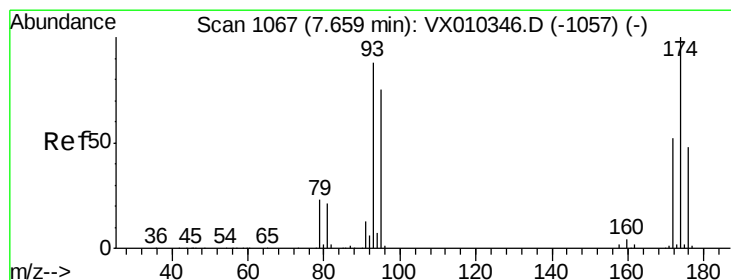
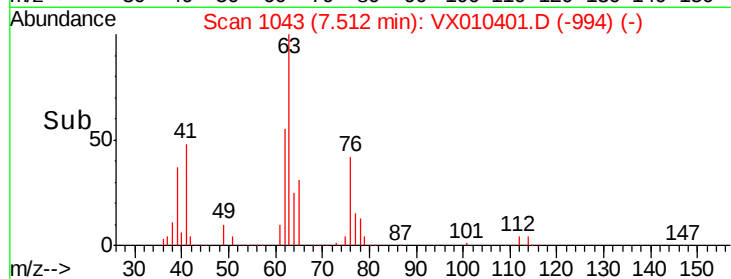
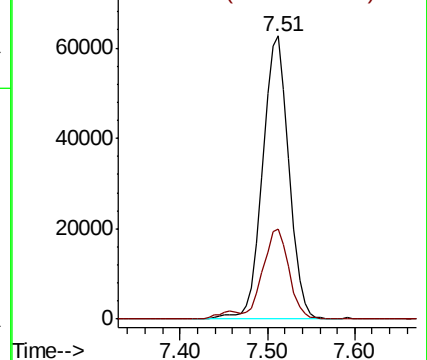
63 100

65 31.8 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: 48.964 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

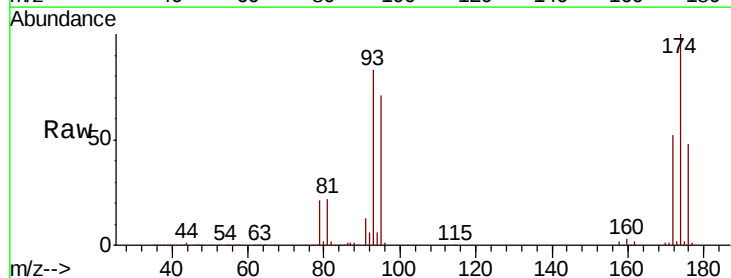
Tgt Ion: 93 Resp: 95902

Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

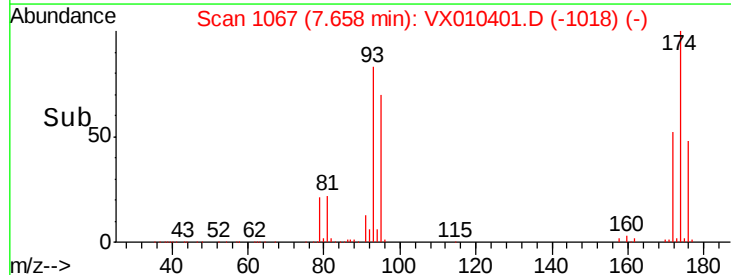
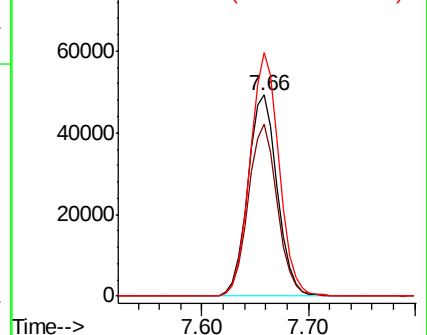
174 119.2 95.8 143.6

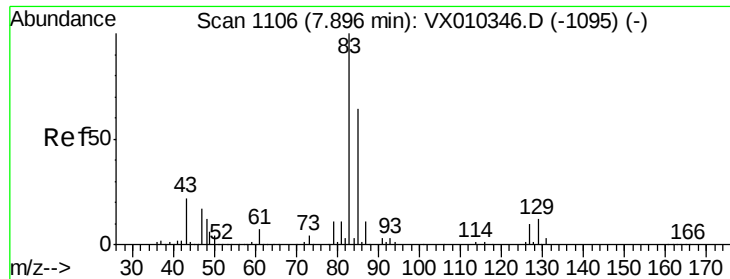


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.988 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

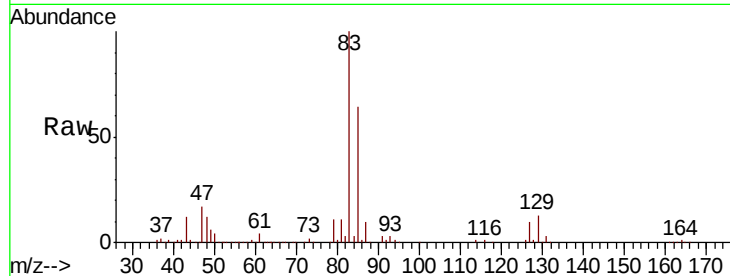
Tot Ion: 83 Resp: 183018

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

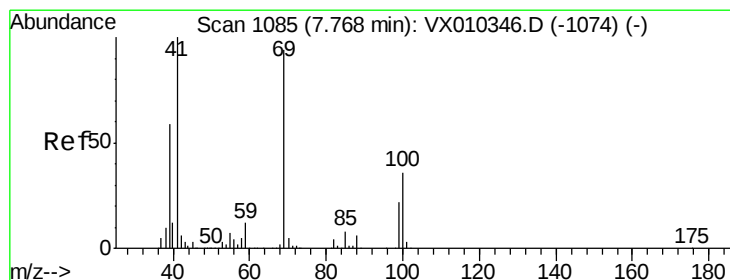
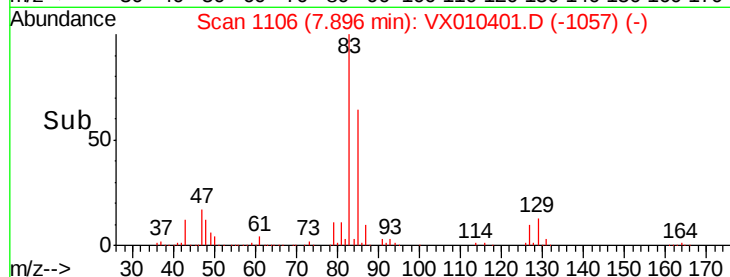
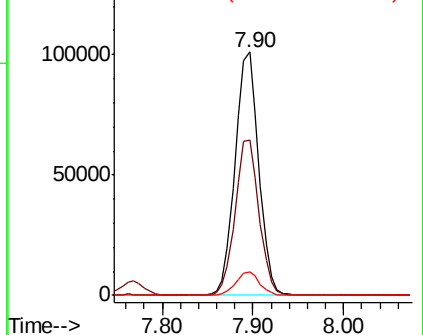
127 9.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.333 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

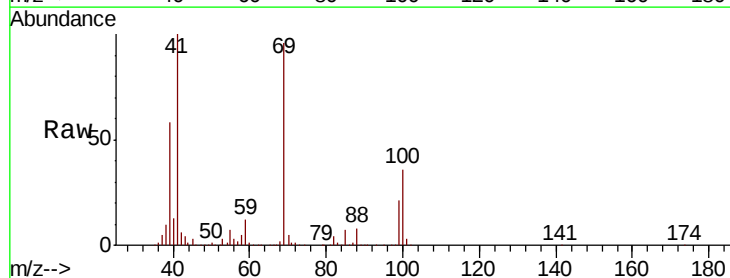
Tgt Ion: 41 Resp: 138172

Ion Ratio Lower Upper

41 100

69 95.8 76.1 114.1

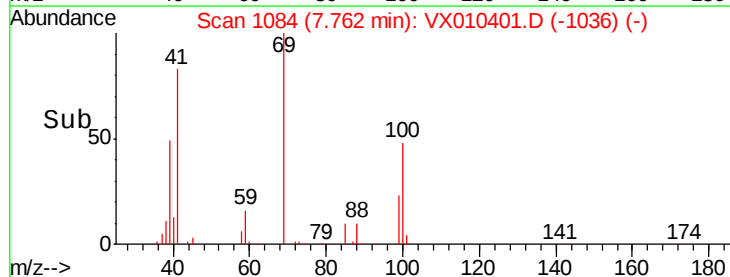
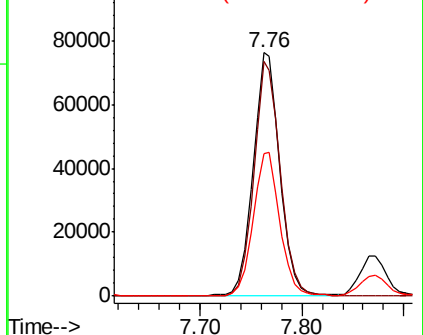
39 59.0 47.6 71.4

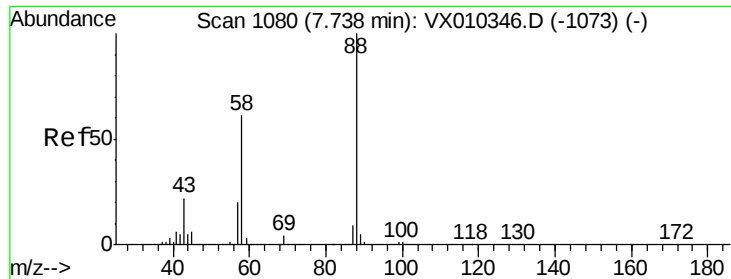


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 907.391 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

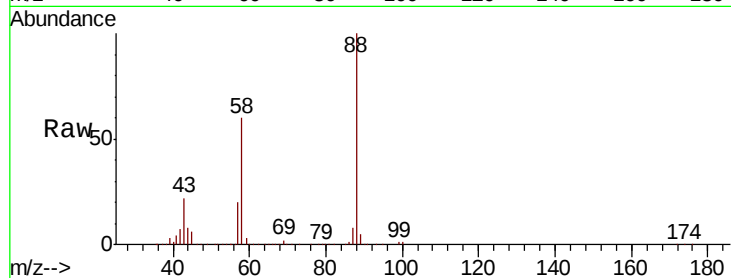
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 71757

Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.2	30.2
58	62.5	49.5	74.3

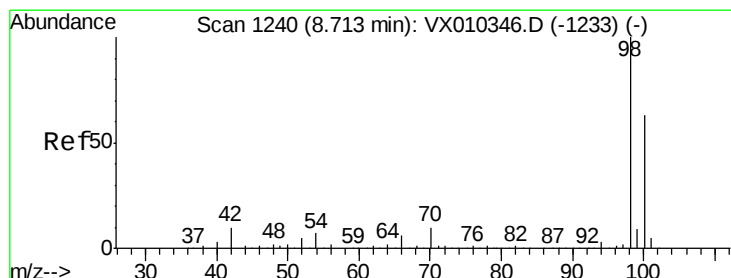
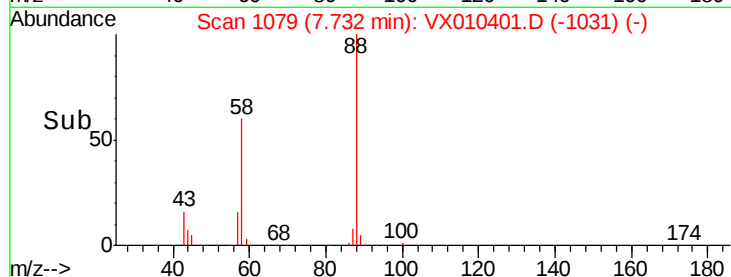
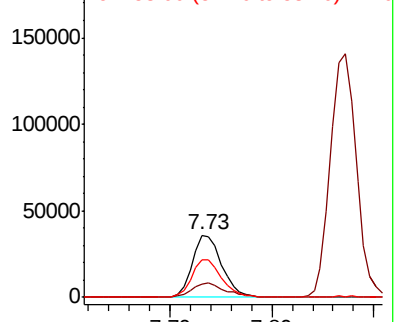


Abundance

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: 47.733 ug/l

RT: 8.71 min Scan# 1240

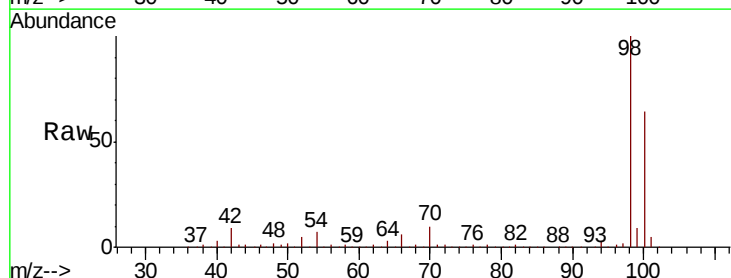
Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Tgt Ion: 98 Resp: 487876

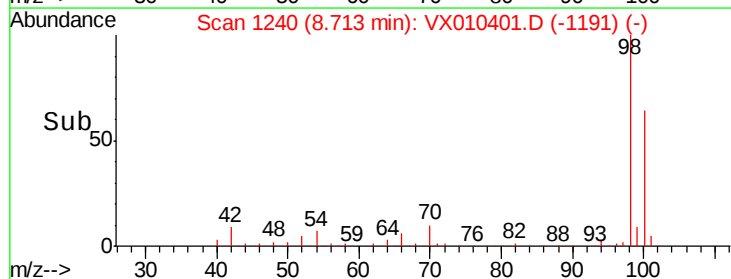
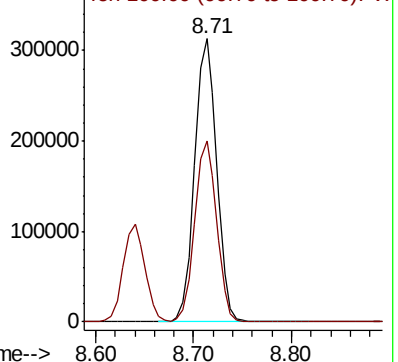
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4

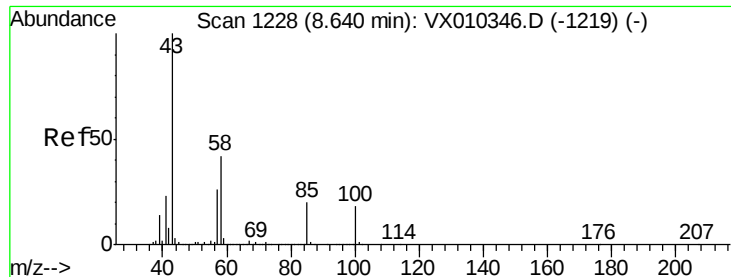


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

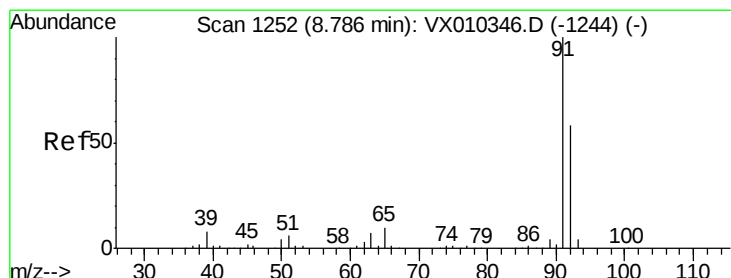
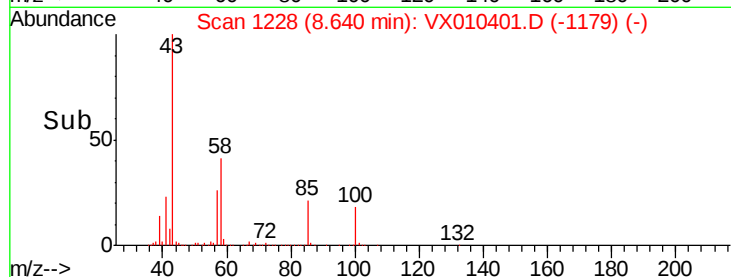
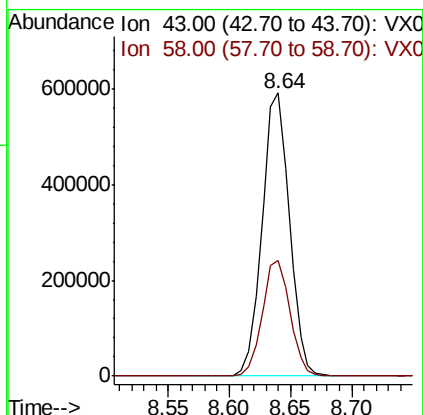
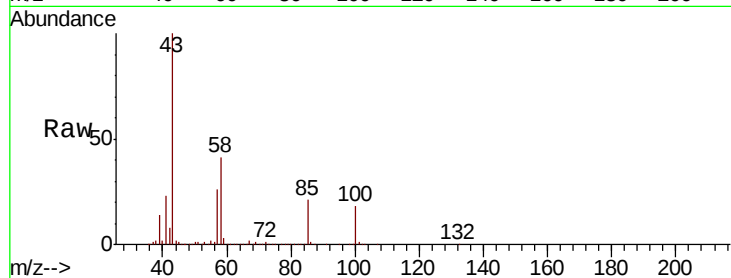




#51
 4-Methyl-2-Pentanone
 Concen: 244.237 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

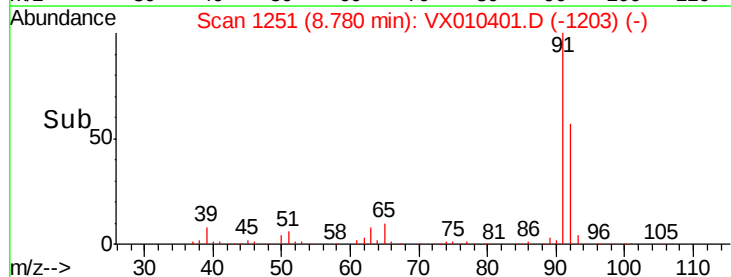
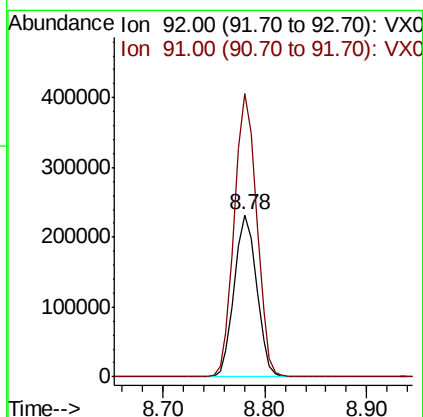
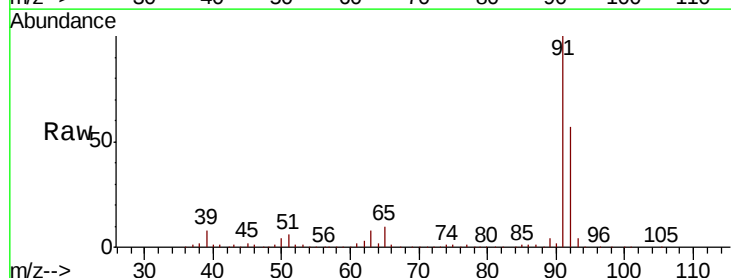
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

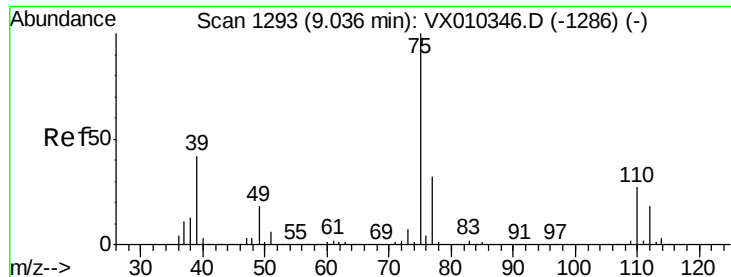
Tot Ion: 43 Resp: 922528
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.5 50.3



#52
 Toluene
 Concen: 49.338 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion: 92 Resp: 351231
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.8 209.6

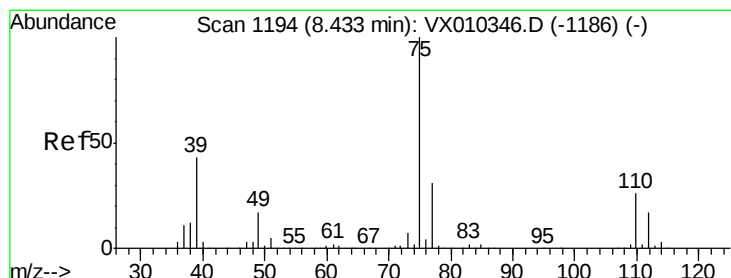
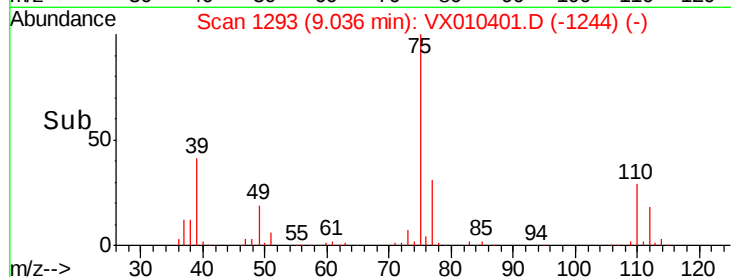
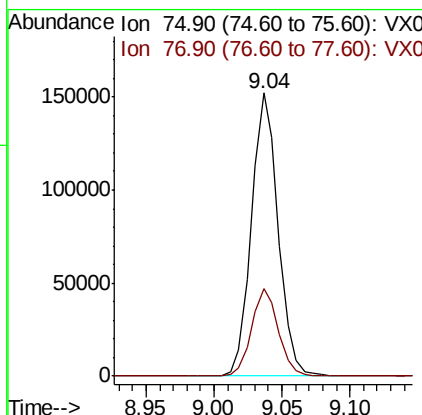
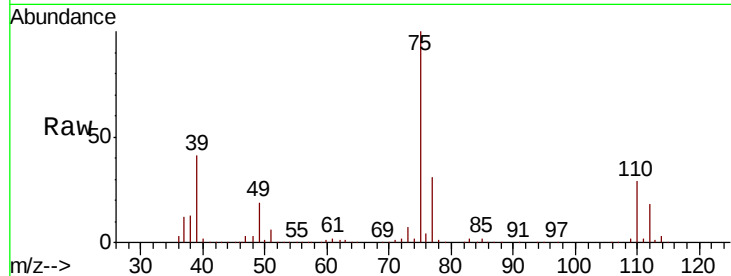




#53
 t-1,3-Dichloropropene
 Concen: 52.059 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

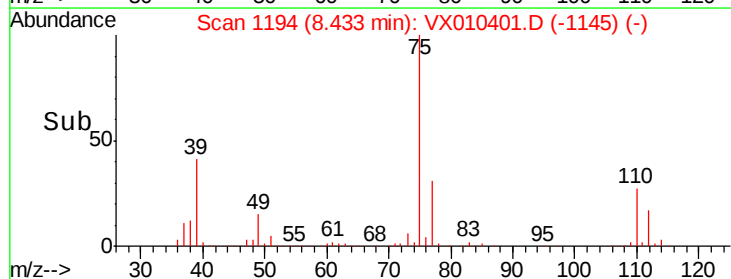
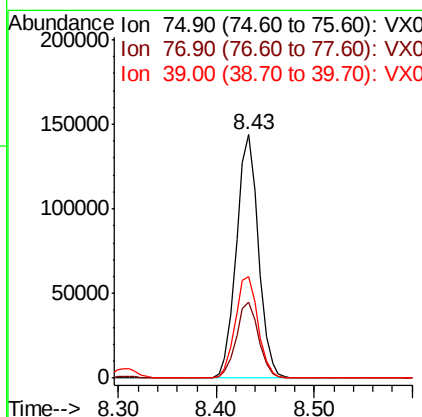
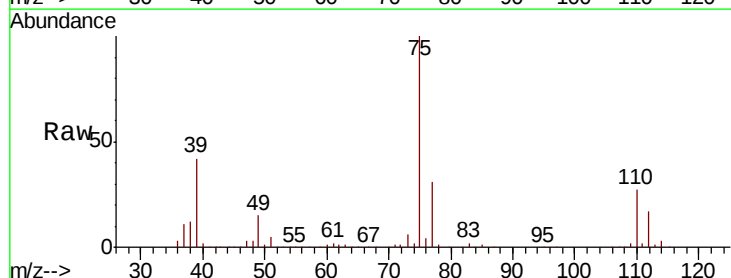
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

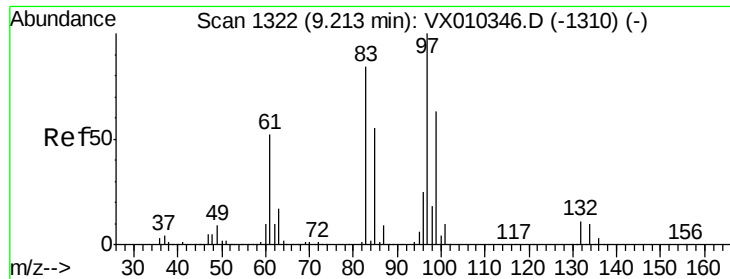
Tot Ion: 75 Resp: 209500
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.447 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion: 75 Resp: 224989
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 41.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 49.939 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 146622

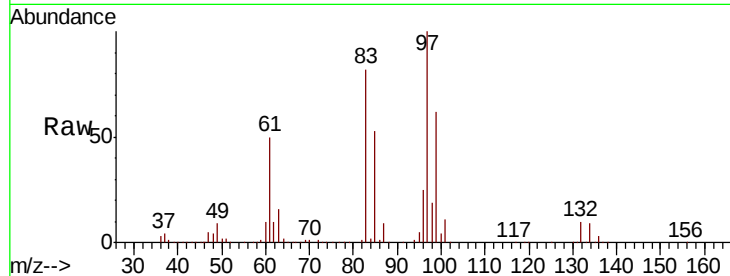
Ion Ratio Lower Upper

97 100

83 82.0 67.4 101.0

85 53.0 43.8 65.8

99 61.7 50.3 75.5

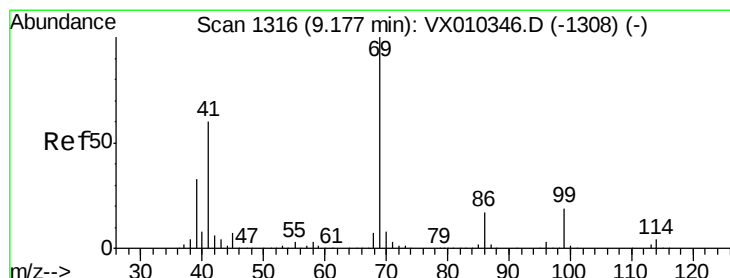
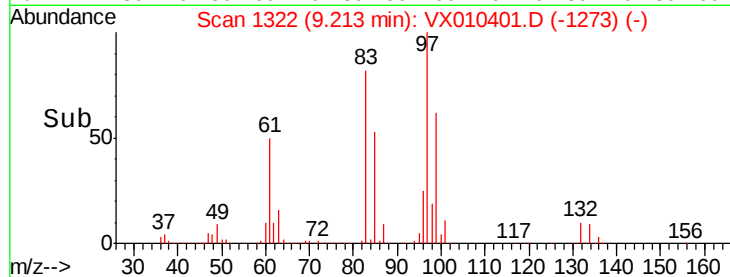
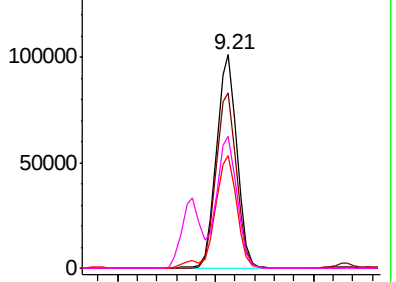


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.167 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

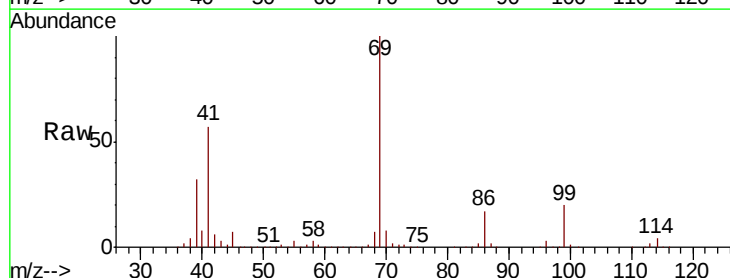
Tgt Ion: 69 Resp: 223123

Ion Ratio Lower Upper

69 100

41 58.9 47.1 70.7

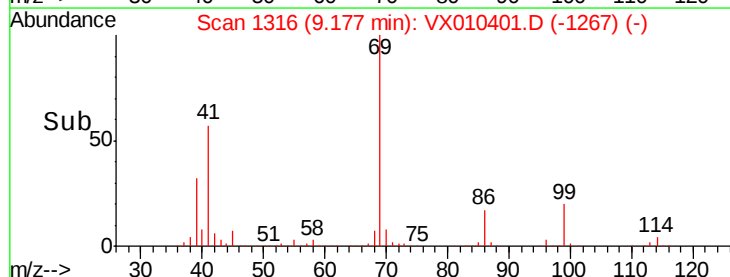
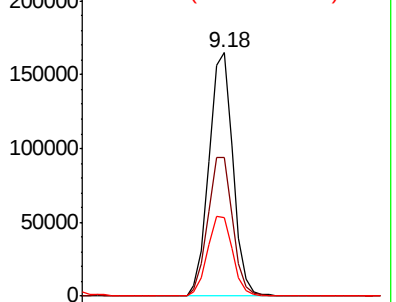
39 34.1 26.6 40.0

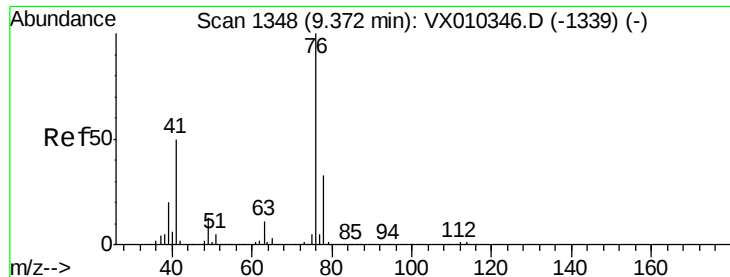


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.435 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

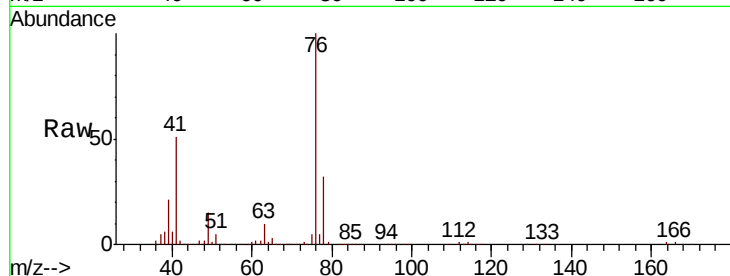
VSTDCCC050

Tot Ion: 76 Resp: 225302

Ion Ratio Lower Upper

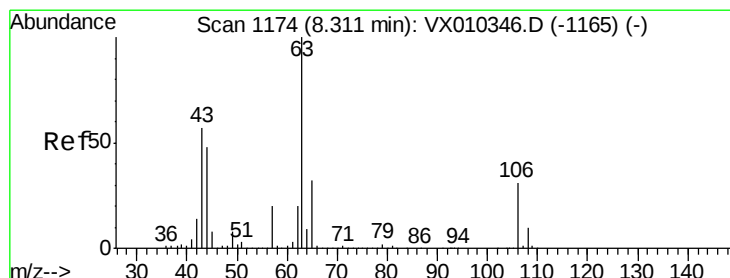
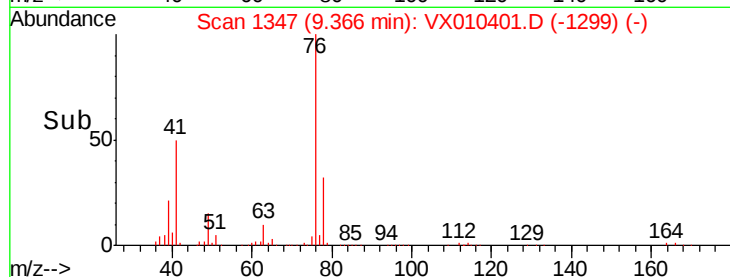
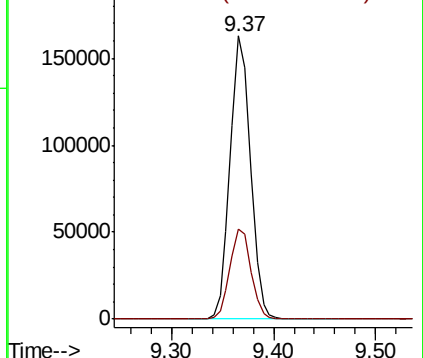
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 241.973 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010401.D

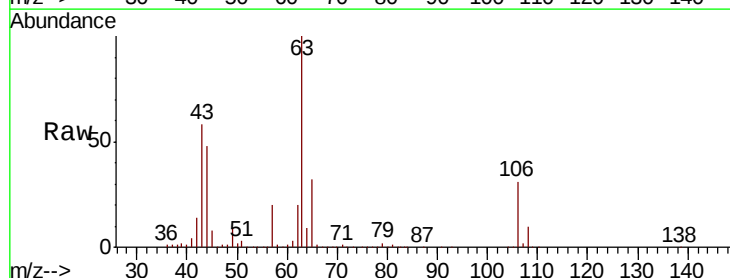
Acq: 24 Jun 2019 10:02

Tgt Ion: 63 Resp: 511120

Ion Ratio Lower Upper

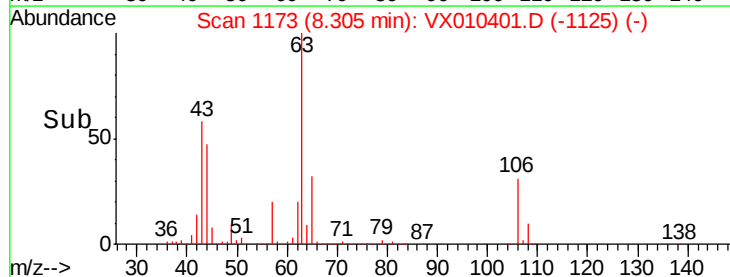
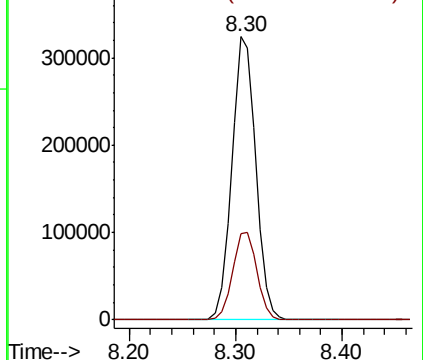
63 100

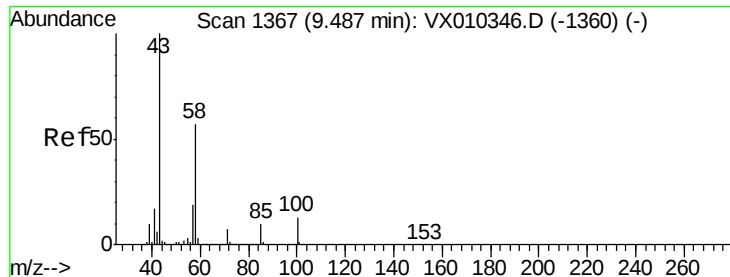
106 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

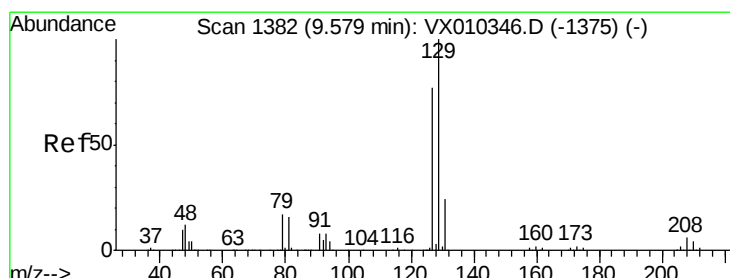
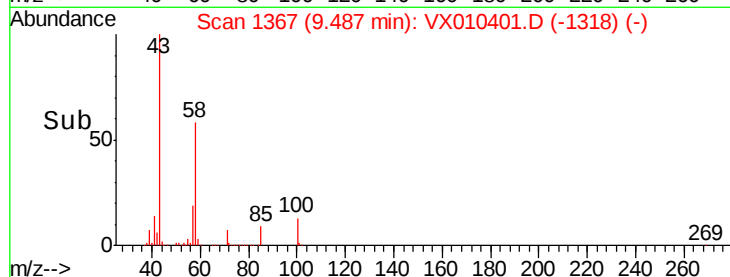
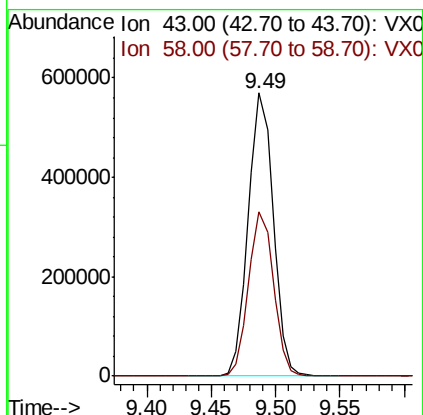
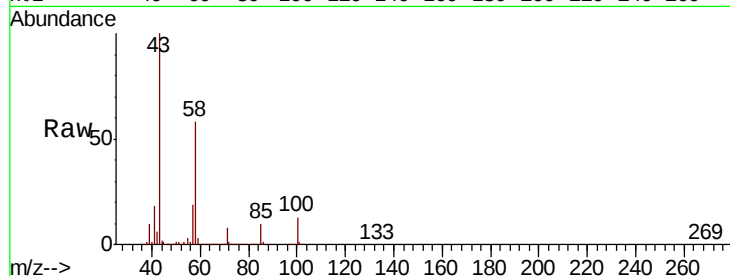




#59
2-Hexanone
Concen: 256.310 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

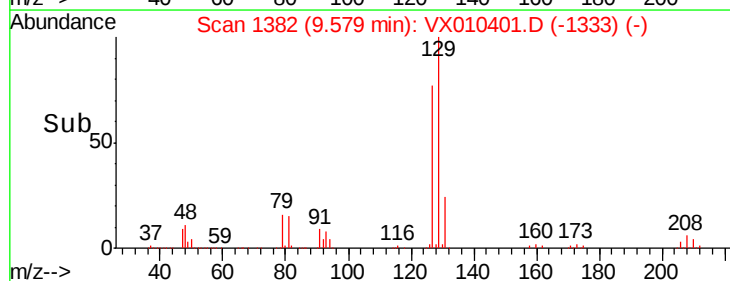
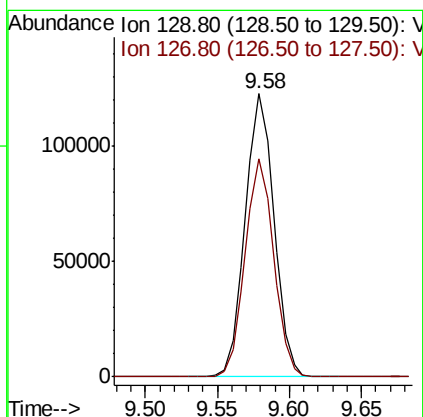
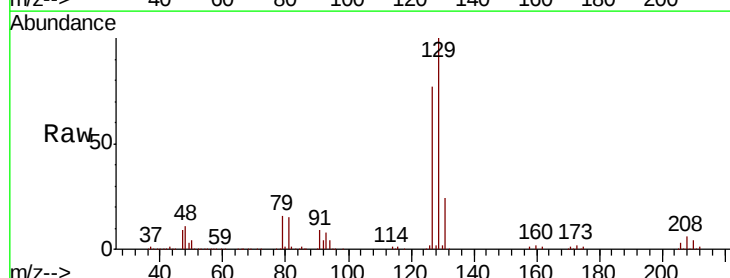
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

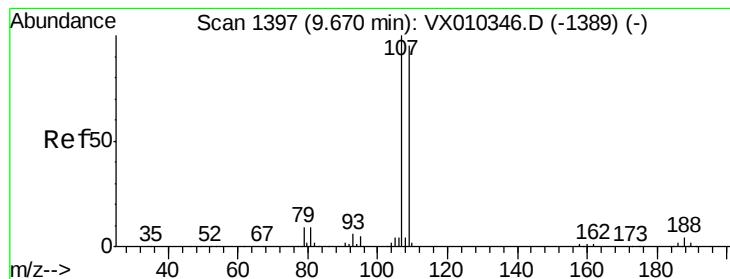
Tot Ion: 43 Resp: 761955
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 51.631 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 129 Resp: 169728
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.512 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

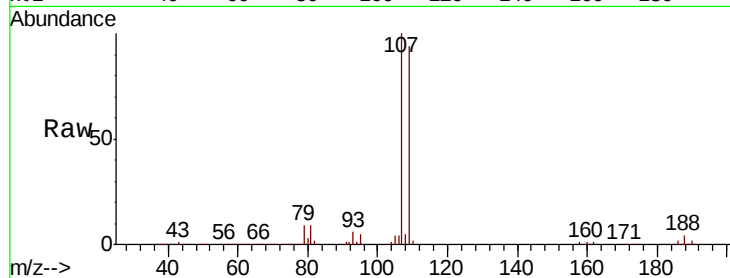
VSTDCCC050

Tot Ion:107 Resp: 156908

Ion Ratio Lower Upper

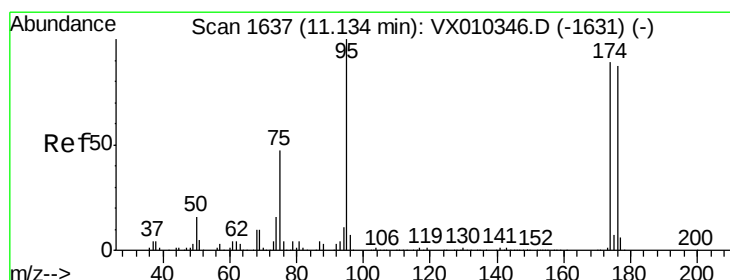
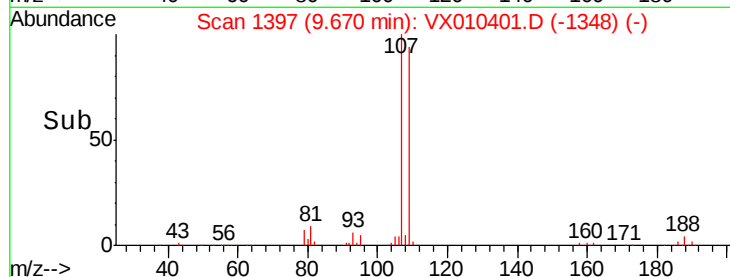
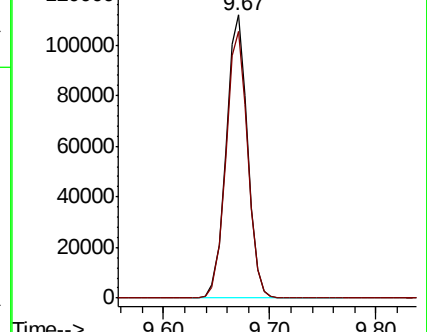
107 100

109 95.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.487 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

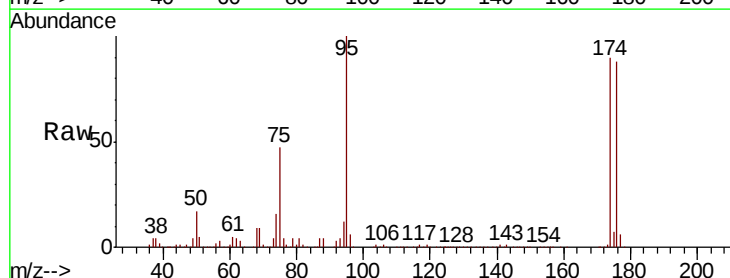
Tgt Ion: 95 Resp: 178917

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.6

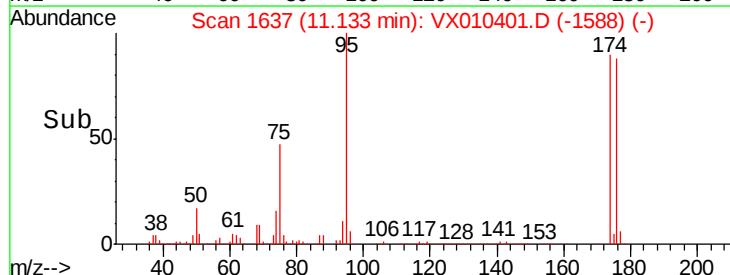
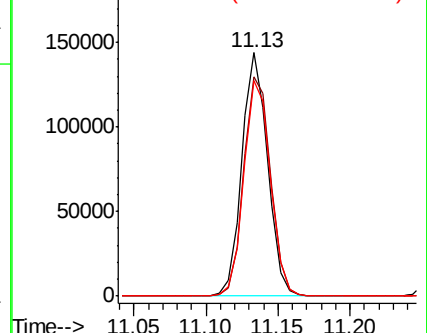
176 91.0 0.0 184.0

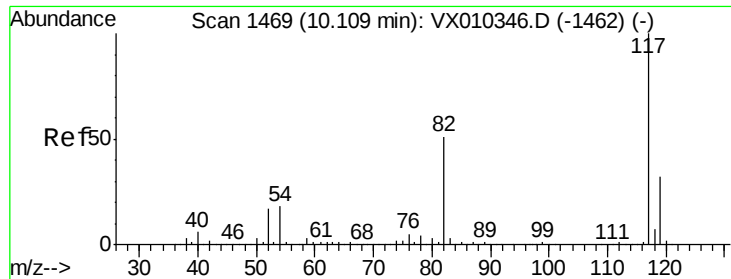


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

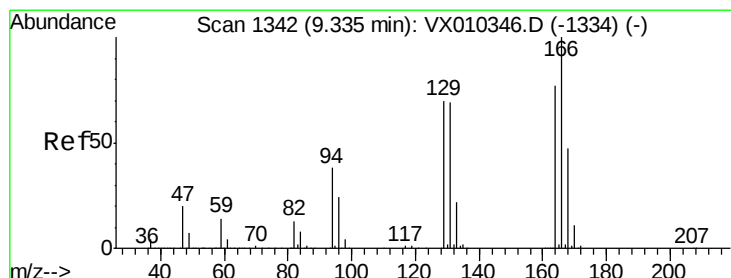
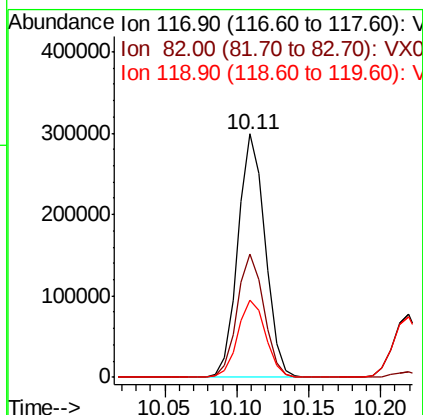
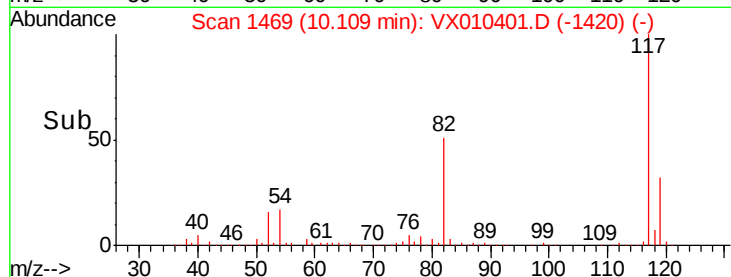
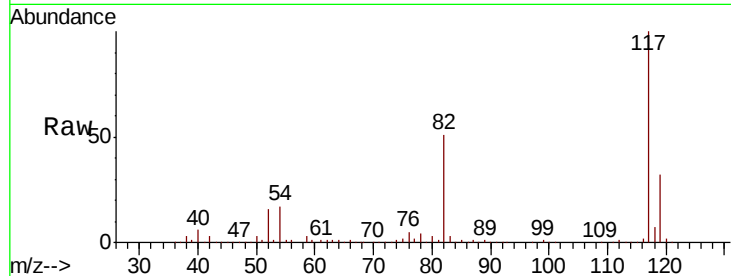




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

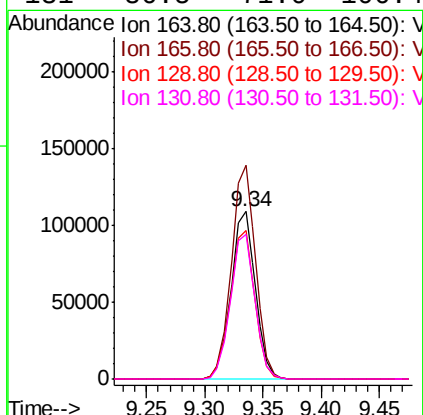
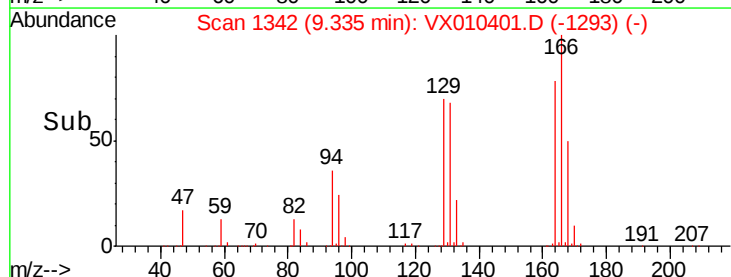
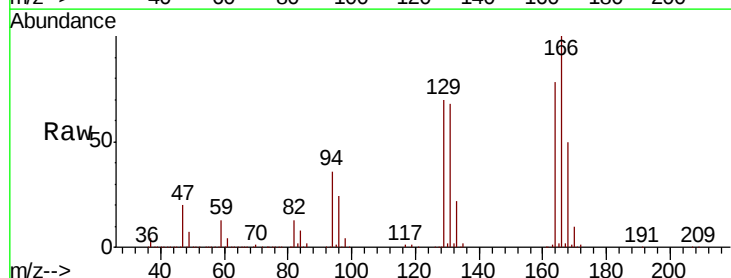
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

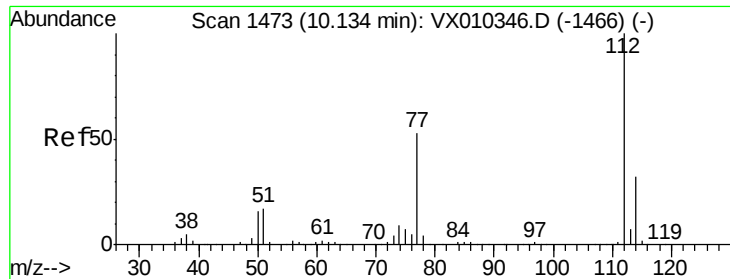
Tot Ion:117 Resp: 393404
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 49.791 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion:164 Resp: 158434
Ion Ratio Lower Upper
164 100
166 127.4 103.6 155.4
129 88.6 73.0 109.4
131 86.5 71.0 106.4

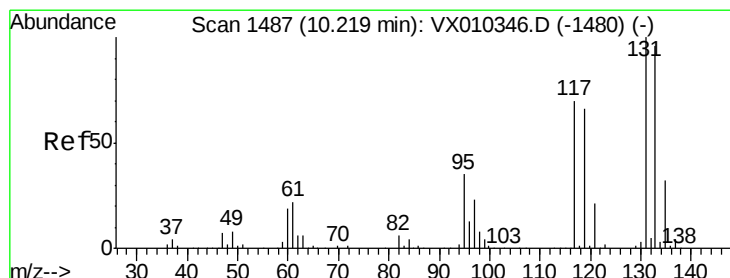
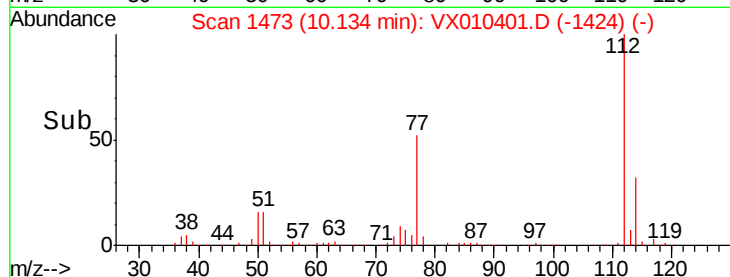
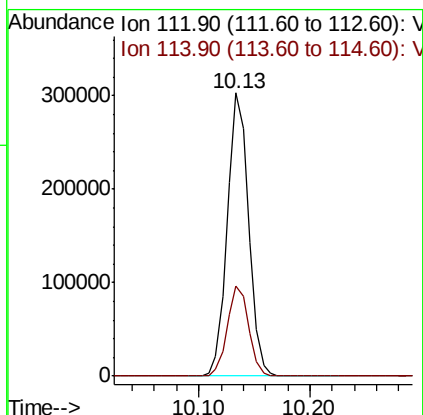
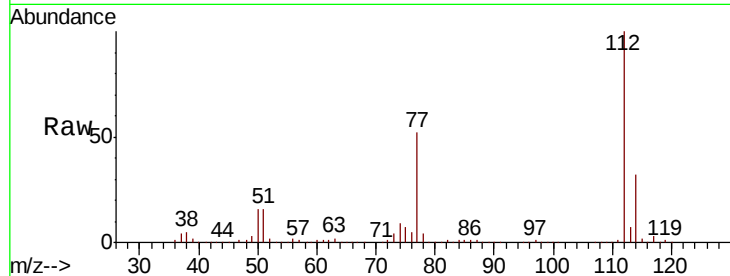




#65
Chlorobenzene
Concen: 50.280 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

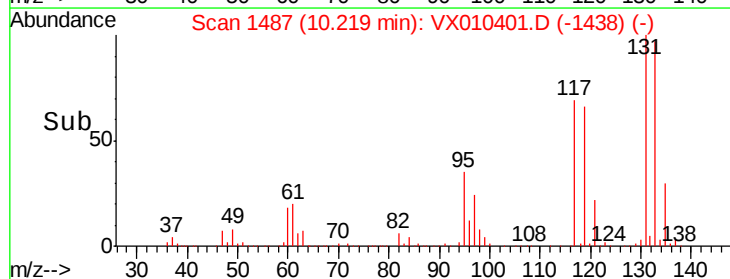
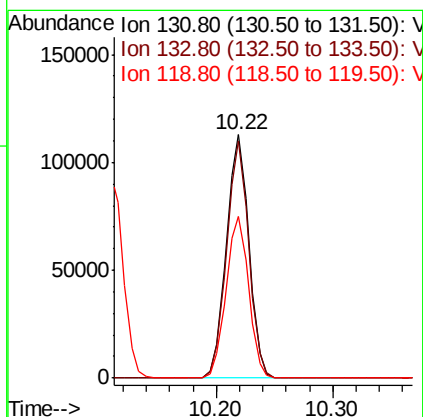
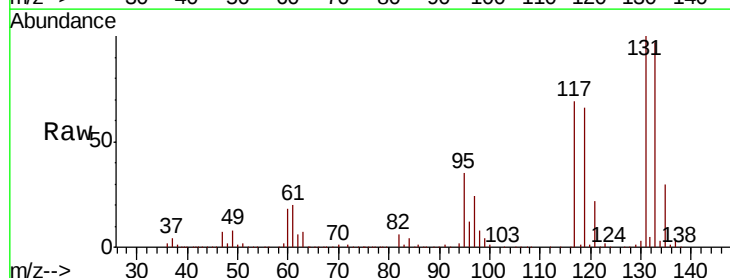
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

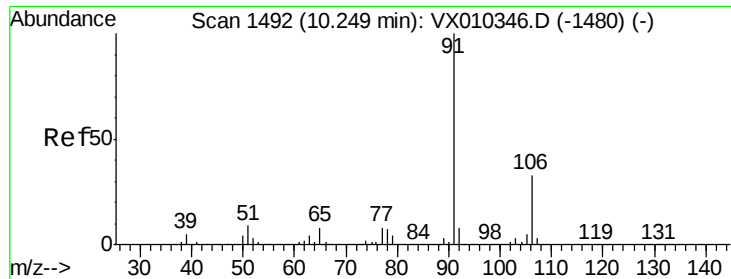
Tot Ion:112 Resp: 401578
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.013 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion:131 Resp: 151318
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 66.2 32.6 97.7

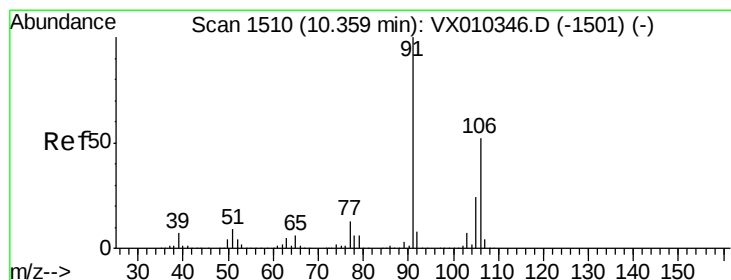
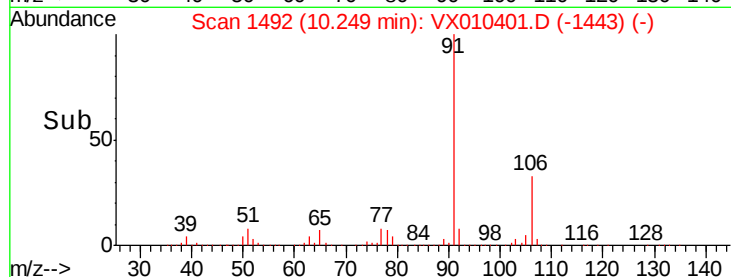
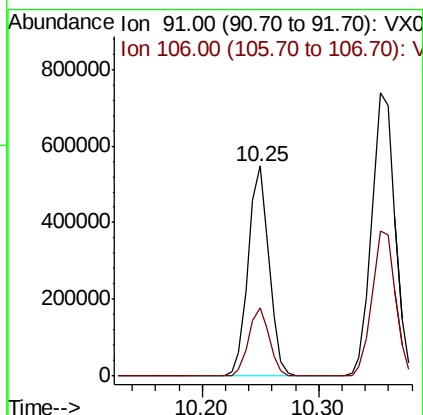
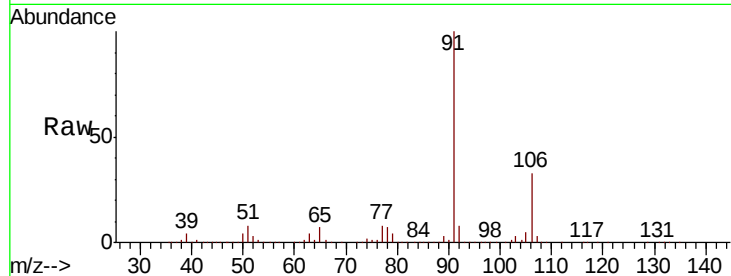




#67
Ethyl Benzene
Concen: 50.959 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

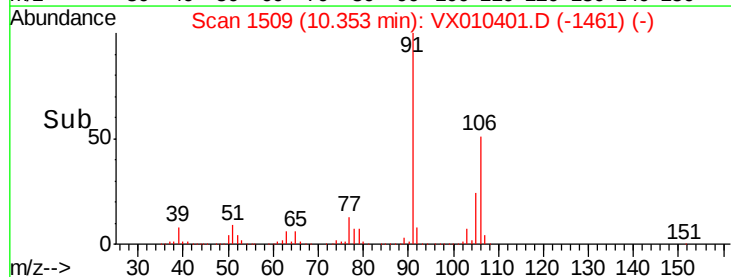
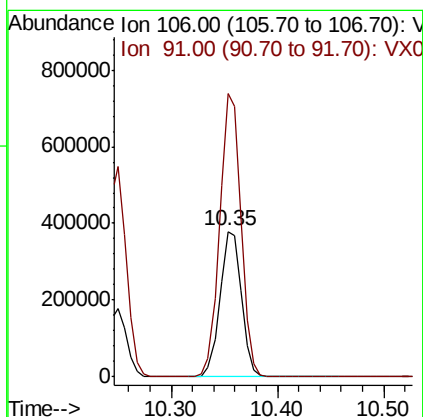
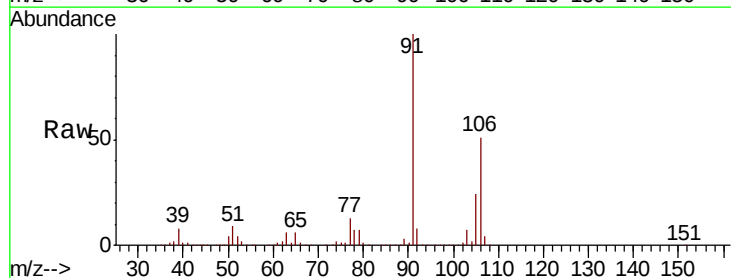
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

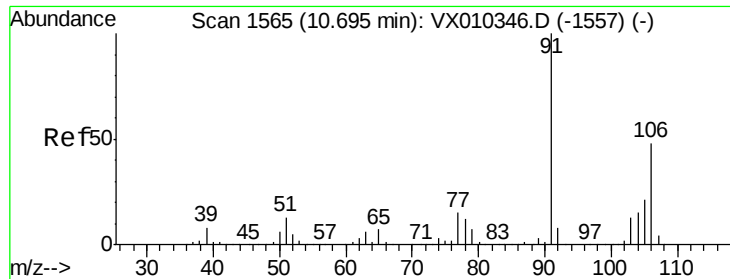
Tot Ion: 91 Resp: 687108
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 101.868 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 106 Resp: 532212
Ion Ratio Lower Upper
106 100
91 193.4 155.3 232.9

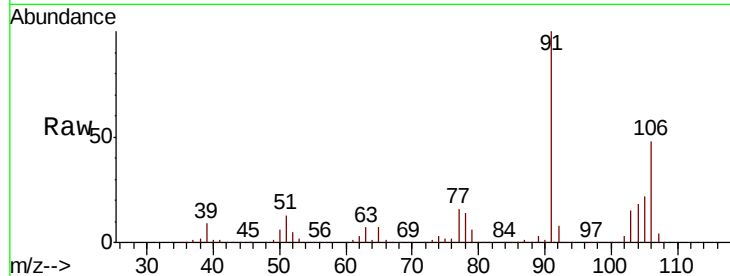




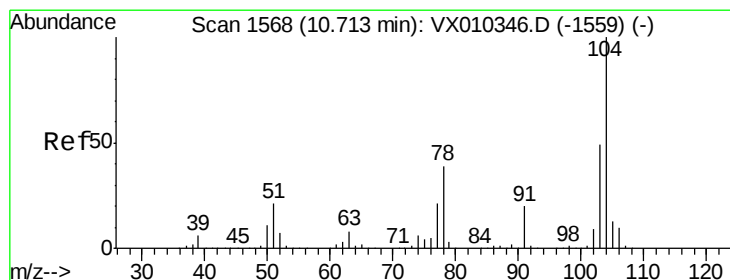
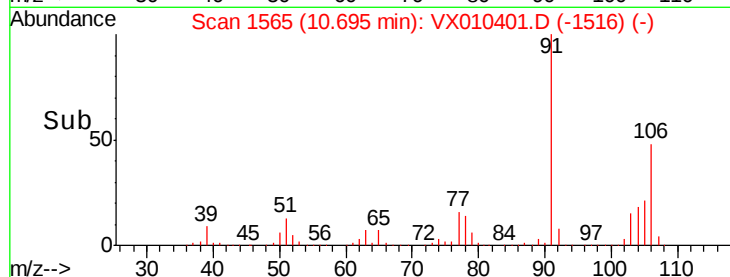
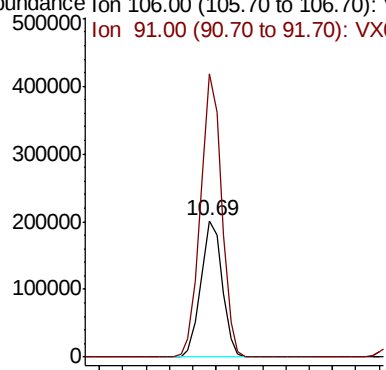
#69
o-Xylene
Concen: 50.363 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 258757
Ion Ratio Lower Upper
106 100
91 205.0 102.7 308.1

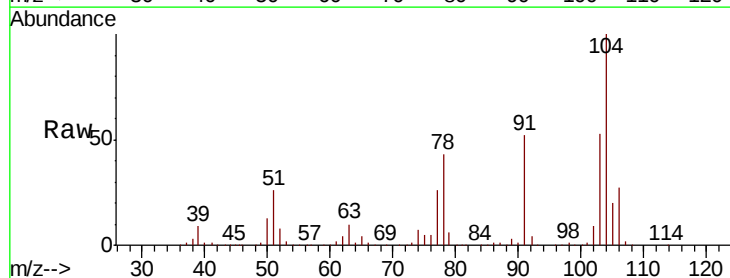


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

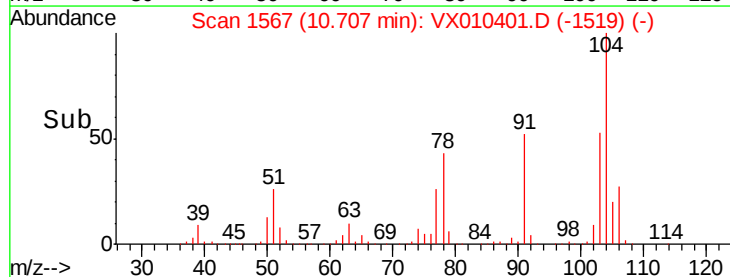
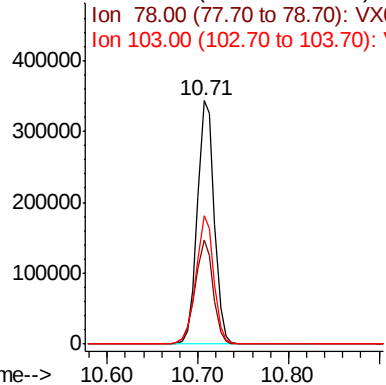


#70
Styrene
Concen: 51.648 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion:104 Resp: 445016
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.2
103 55.7 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: 55.461 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

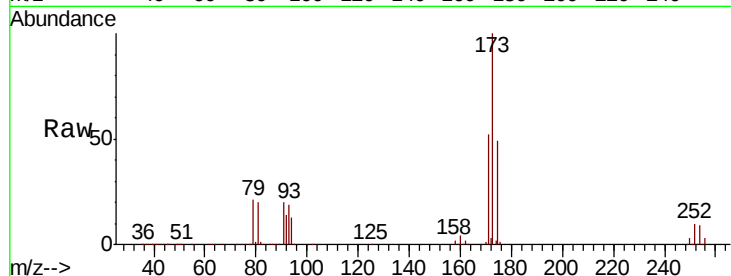
Tot Ion:173 Resp: 140313

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

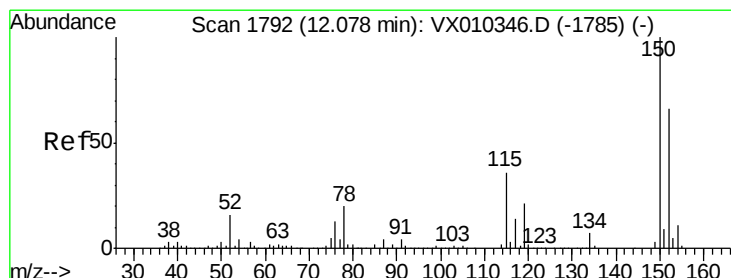
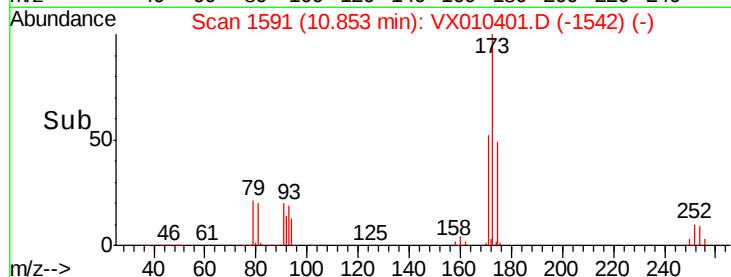
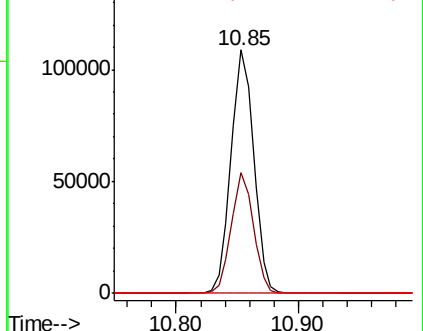
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

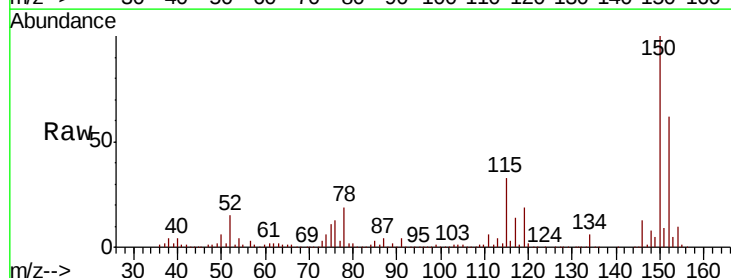
Tgt Ion:152 Resp: 206124

Ion Ratio Lower Upper

152 100

115 78.0 38.6 115.7

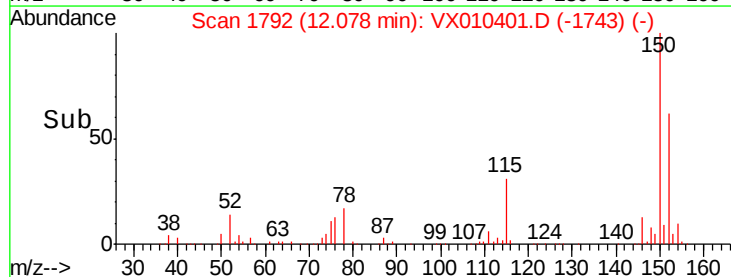
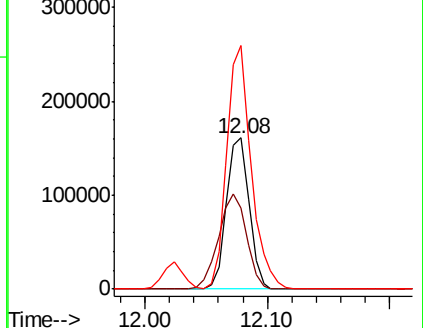
150 173.0 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

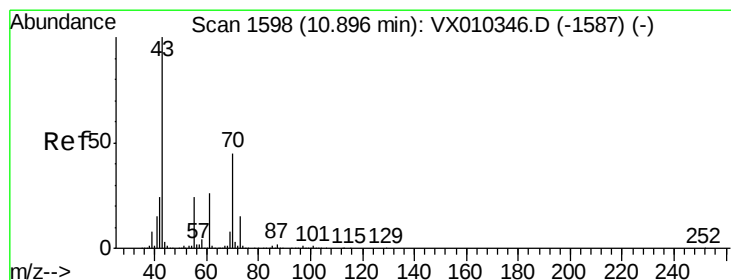
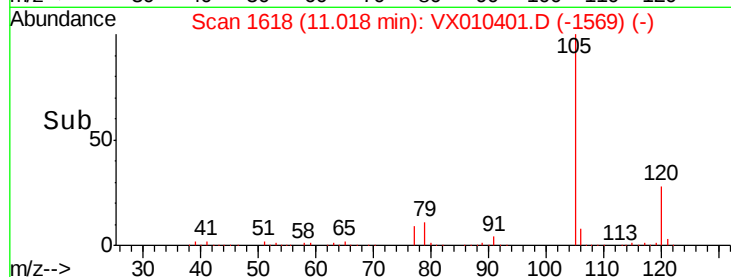
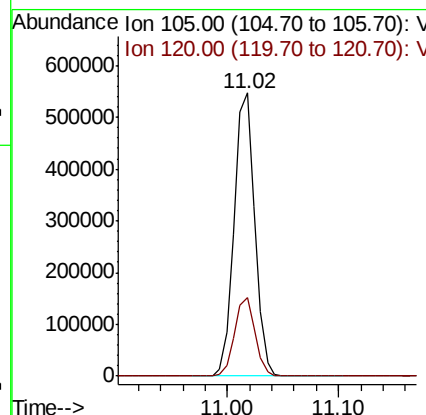
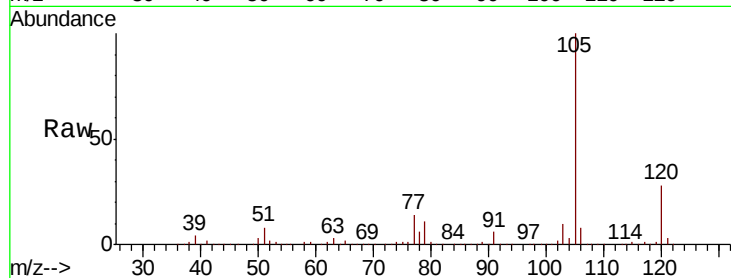




#73
Isopropylbenzene
Concen: 50.004 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

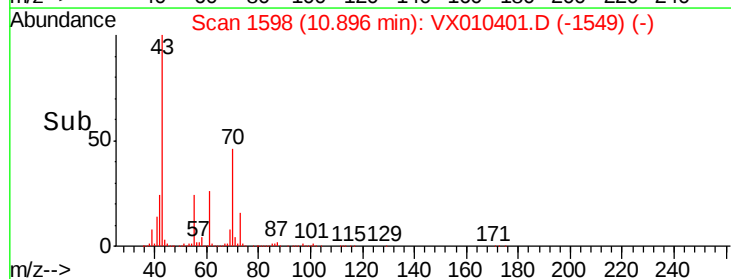
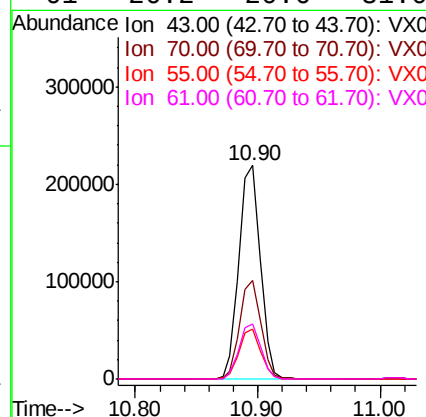
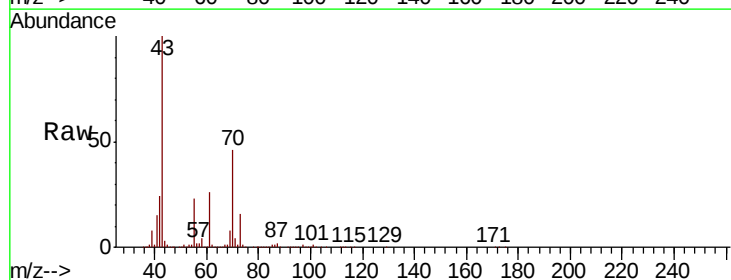
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

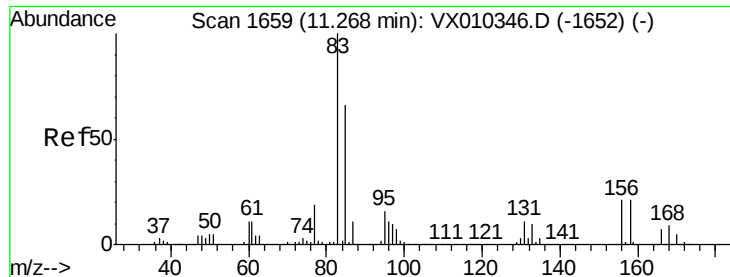
Tot Ion:105 Resp: 698688
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



#74
N-ethyl acetate
Concen: 50.153 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 43 Resp: 264834
Ion Ratio Lower Upper
43 100
70 45.6 36.6 54.8
55 23.5 18.7 28.1
61 26.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.266 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

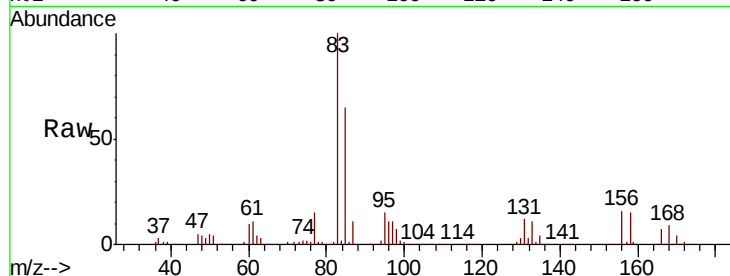
Tot Ion: 83 Resp: 223346

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

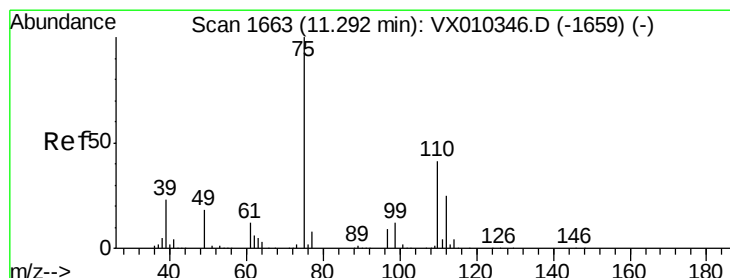
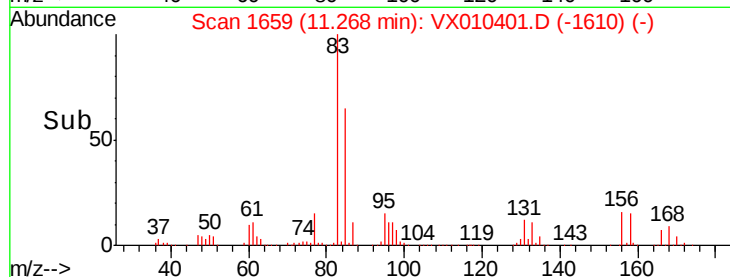
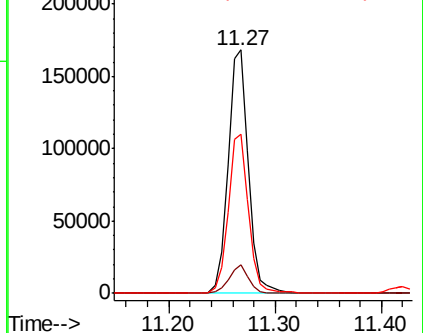
85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.668 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010401.D

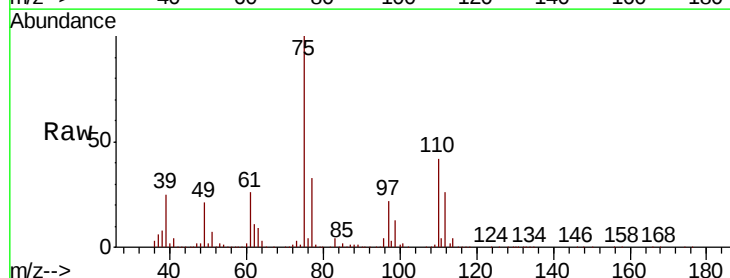
Acq: 24 Jun 2019 10:02

Tgt Ion: 75 Resp: 257926

Ion Ratio Lower Upper

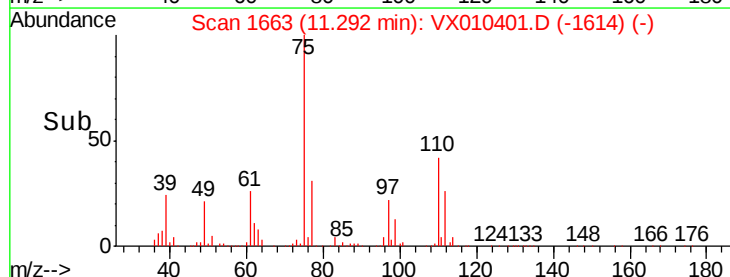
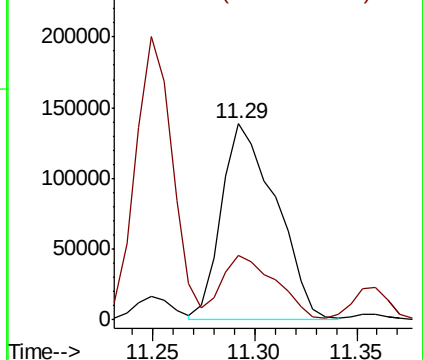
75 100

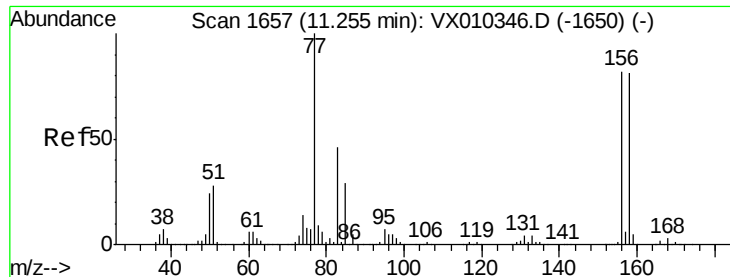
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.781 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

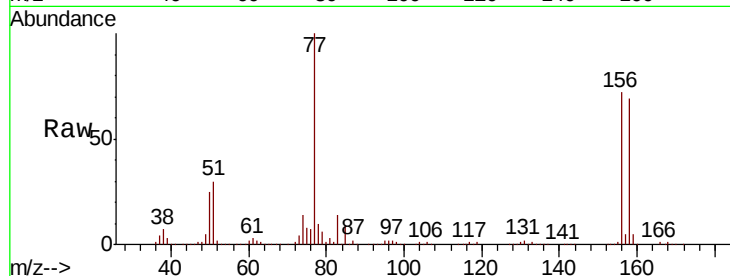
Tot Ion:156 Resp: 190323

Ion Ratio Lower Upper

156 100

77 132.9 66.3 198.7

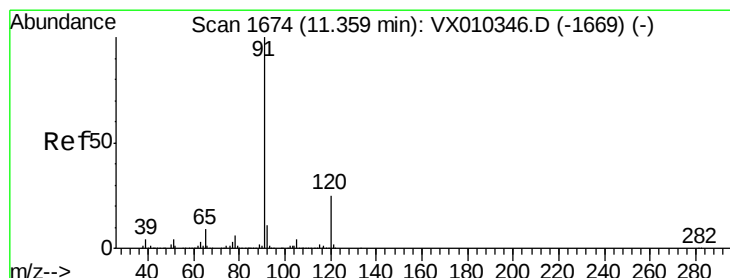
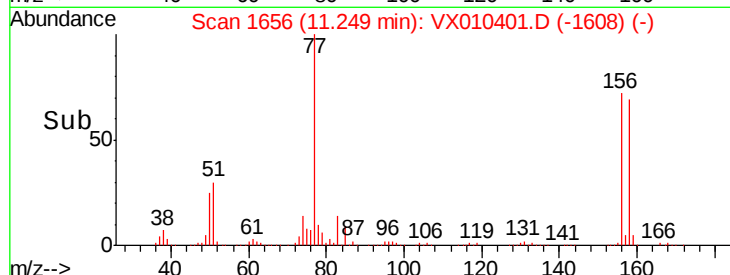
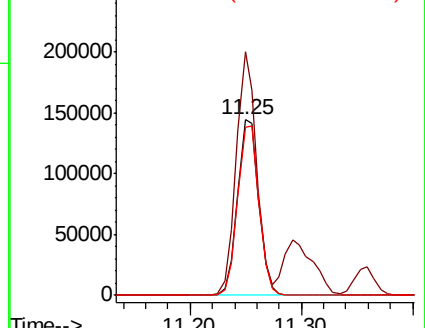
158 97.1 48.9 146.7



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: 50.933 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010401.D

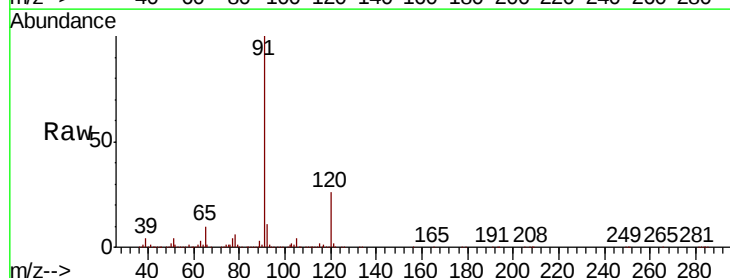
Acq: 24 Jun 2019 10:02

Tgt Ion: 91 Resp: 782153

Ion Ratio Lower Upper

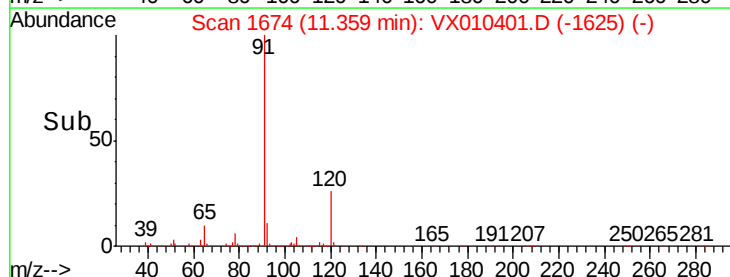
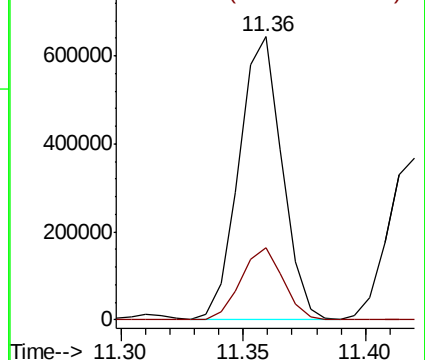
91 100

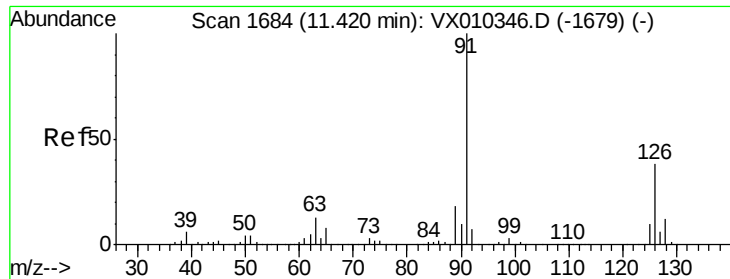
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

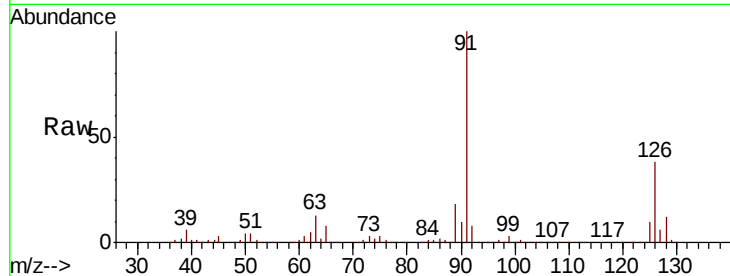




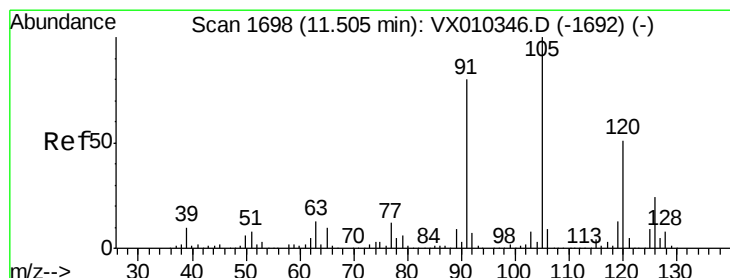
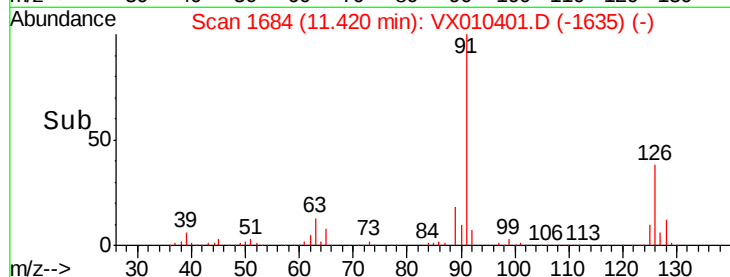
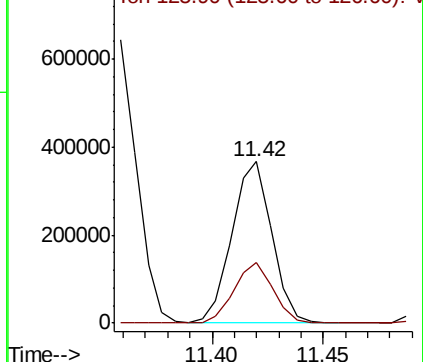
#79
2-Chlorotoluene
Concen: 49.718 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 454647
Ion Ratio Lower Upper
91 100
126 37.3 18.7 56.1

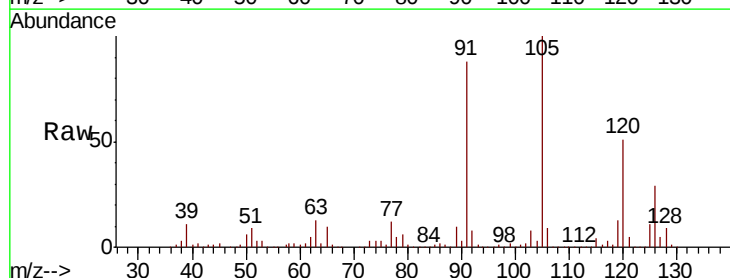


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)
Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

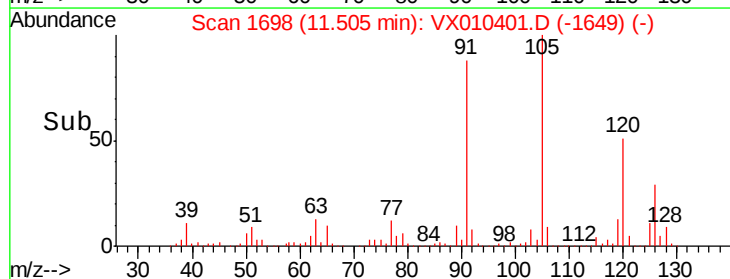
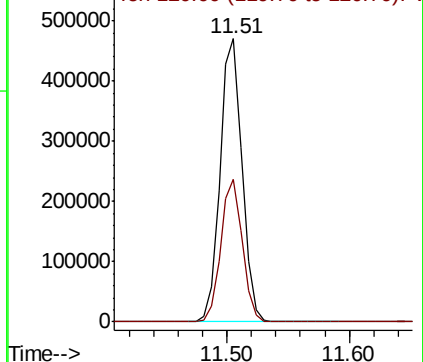


#80
1,3,5-Trimethylbenzene
Concen: 50.763 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 105 Resp: 584727
Ion Ratio Lower Upper
105 100
120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)
Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

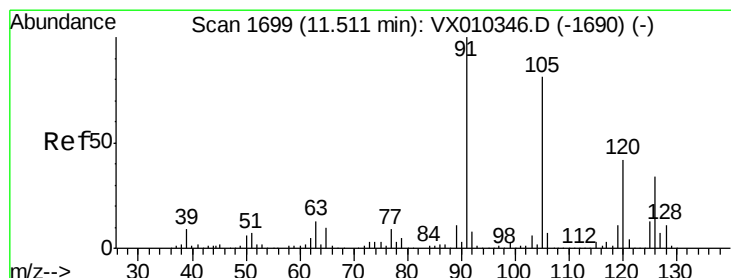
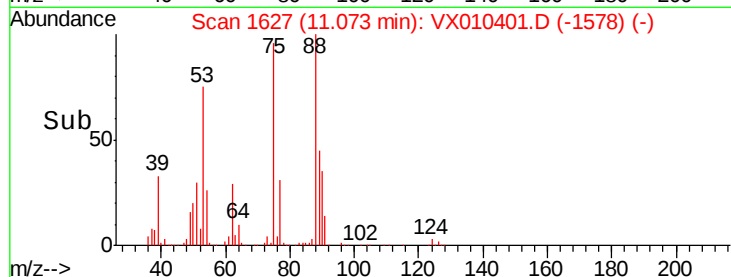
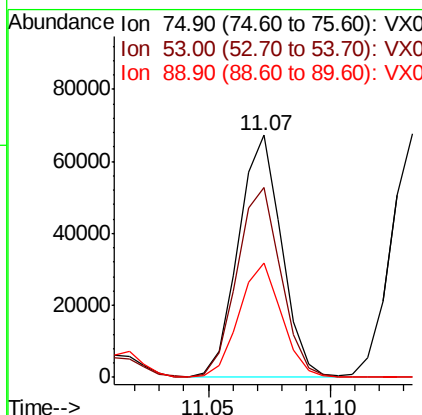
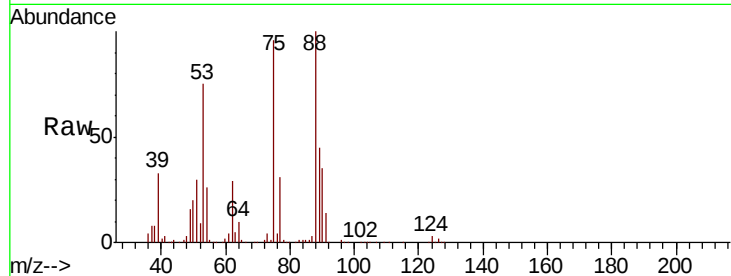




#81
trans-1,4-Dichloro-2-butene
Concen: 50.775 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

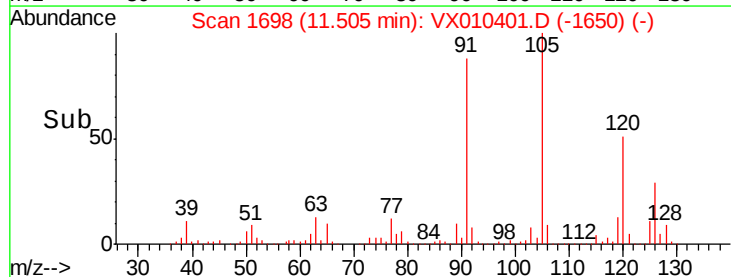
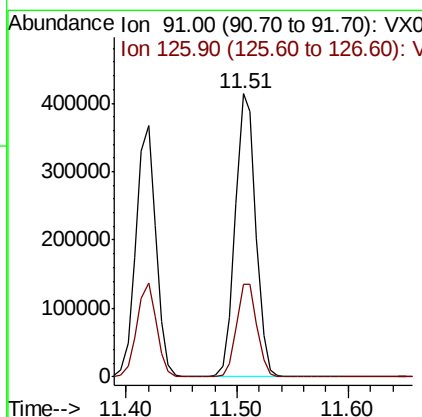
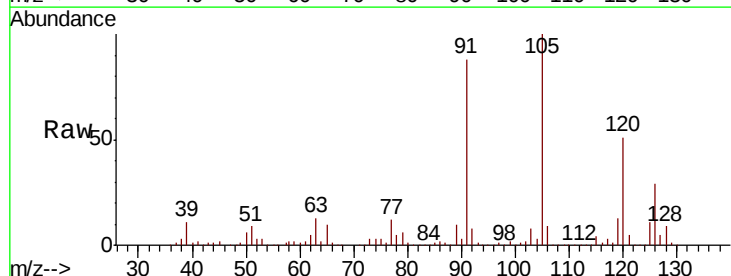
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 81752
Ion Ratio Lower Upper
75 100
53 80.4 66.1 99.1
89 47.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.647 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 91 Resp: 526999
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

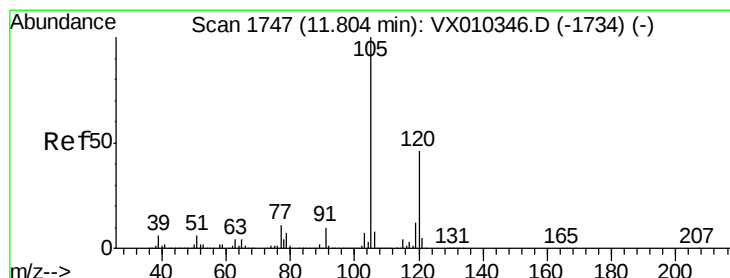
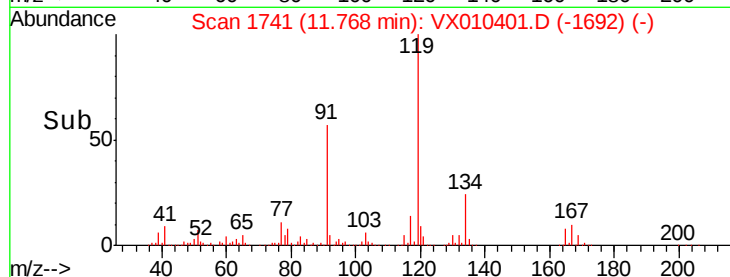
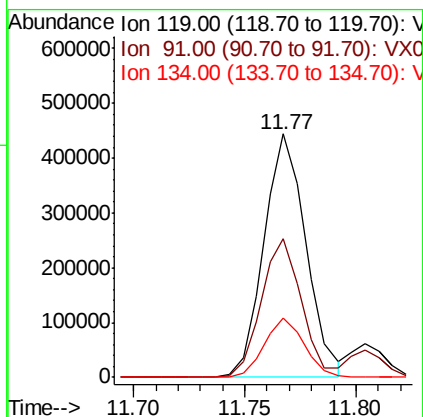
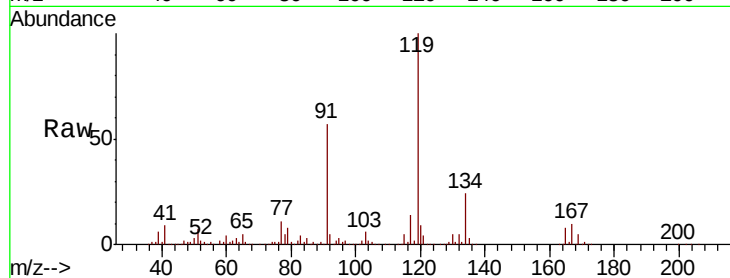




#83
tert-Butylbenzene
Concen: 50.283 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

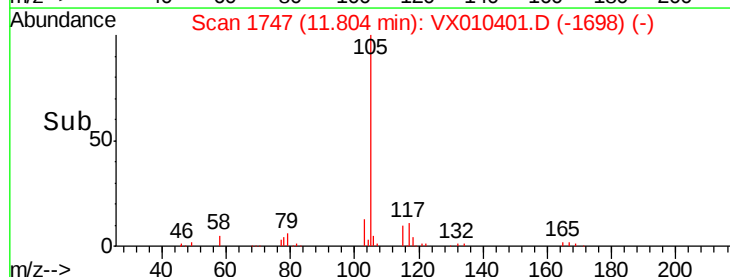
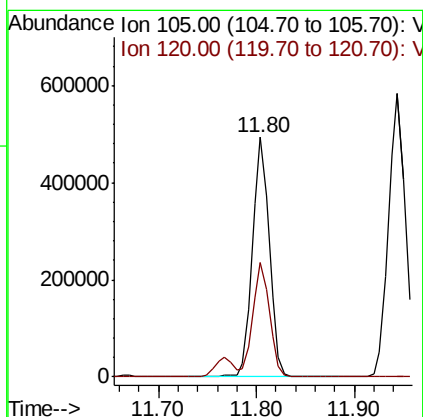
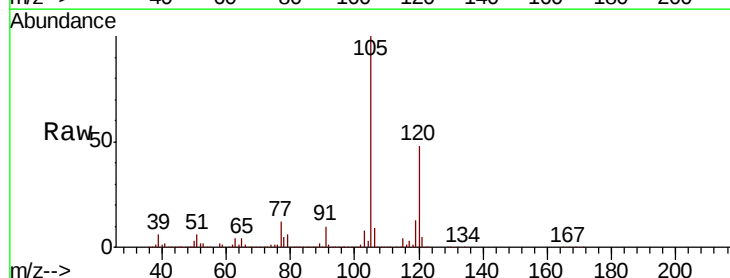
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 581334
Ion Ratio Lower Upper
119 100
91 54.8 27.6 82.7
134 23.4 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 51.000 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion:105 Resp: 590211
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.517 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

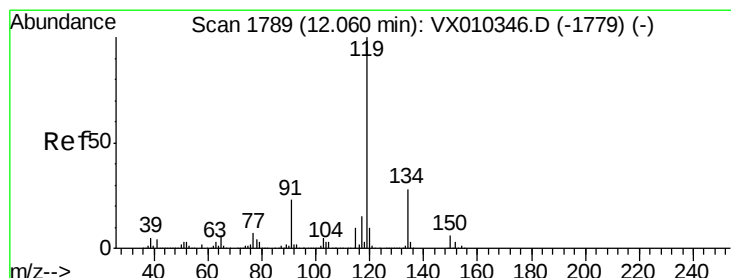
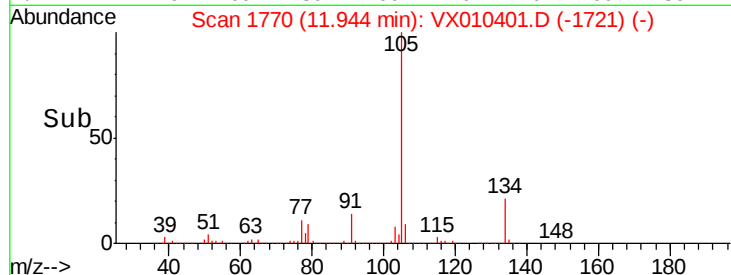
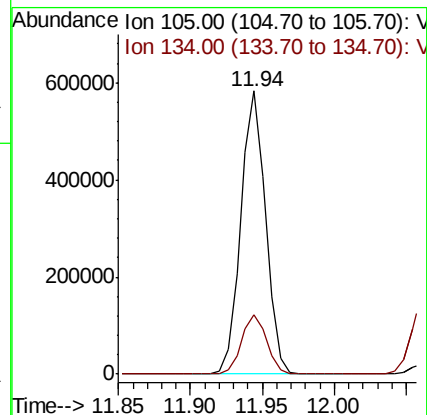
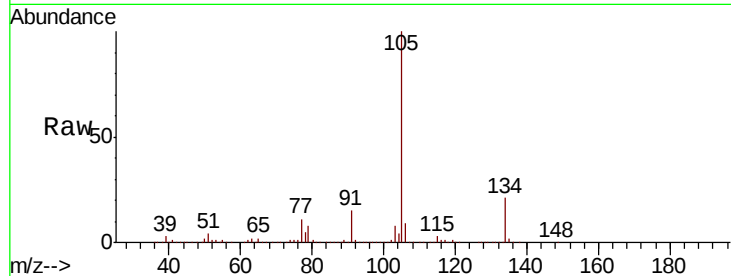
VSTDCCC050

Tot Ion:105 Resp: 699310

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



#86

p-Isopropyltoluene

Concen: 51.471 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

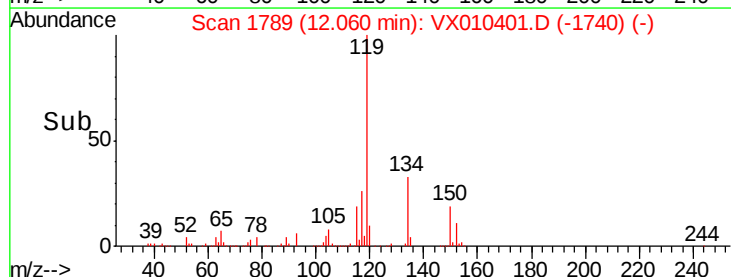
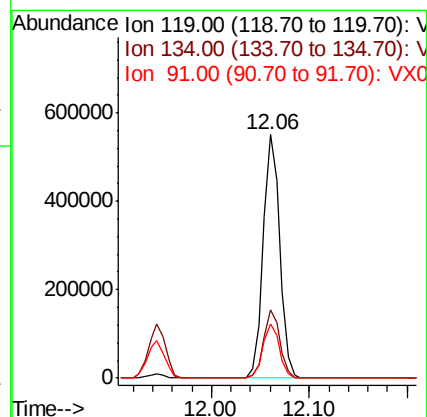
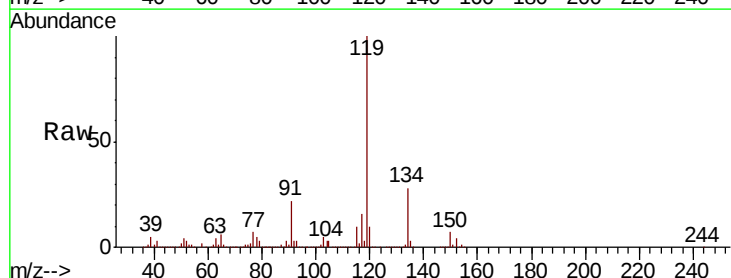
Tgt Ion:119 Resp: 646271

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.2 11.3 33.8

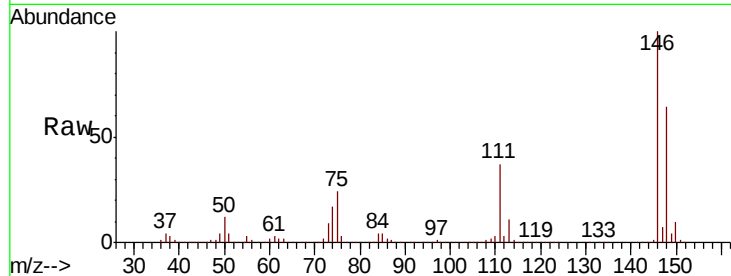




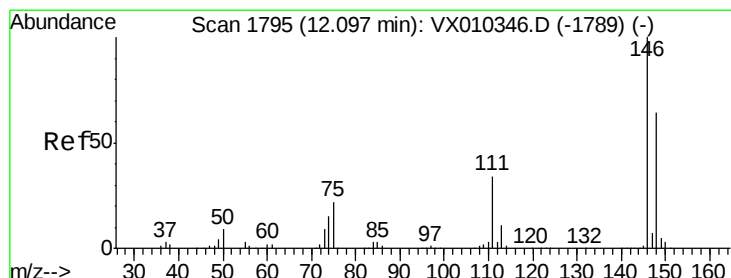
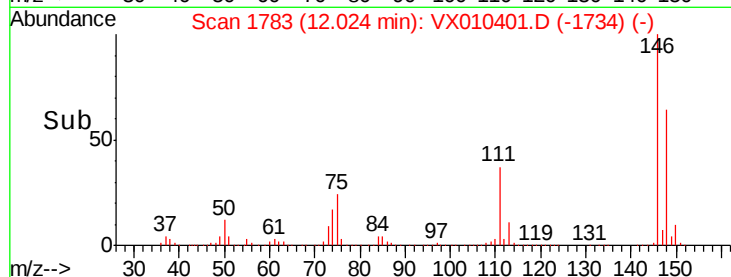
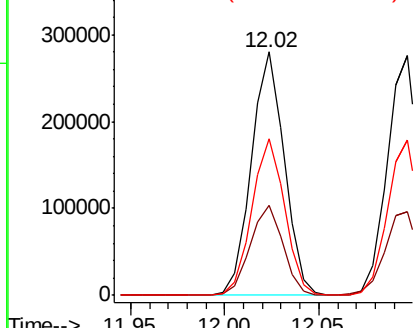
#87
 1,3-Dichlorobenzene
 Concen: 49.938 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 340096
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 64.0 32.5 97.4

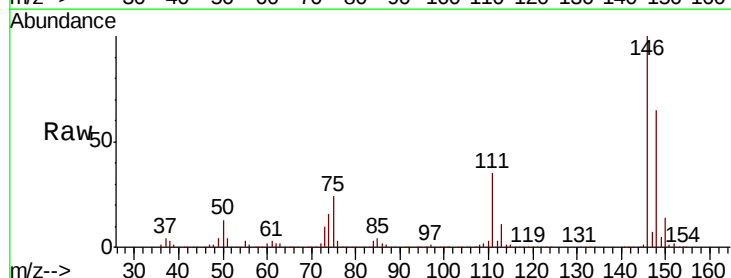


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

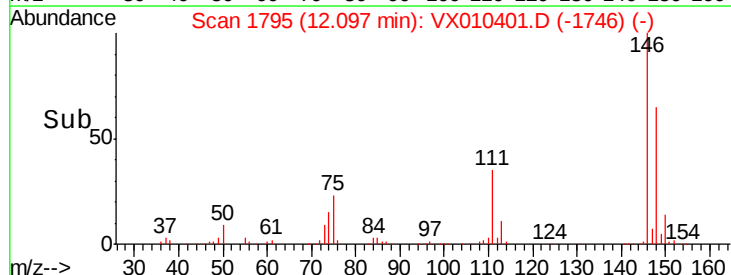
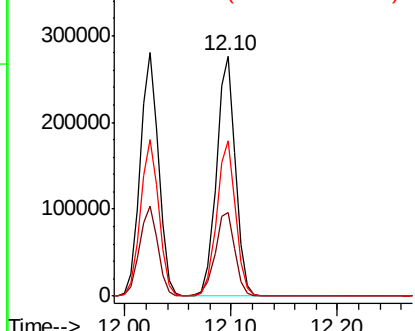


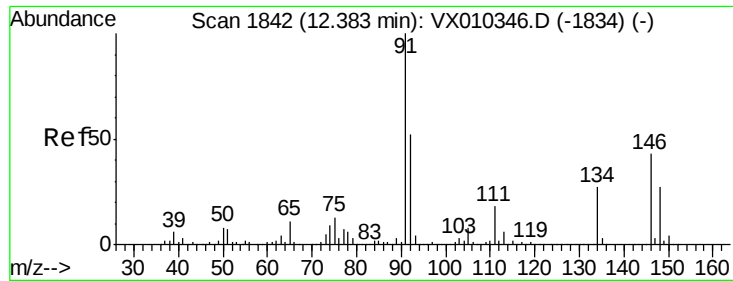
#88
 1,4-Dichlorobenzene
 Concen: 48.688 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion:146 Resp: 337569
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 64.4 32.1 96.3



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

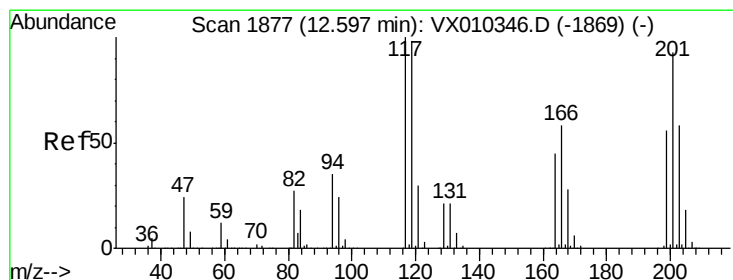
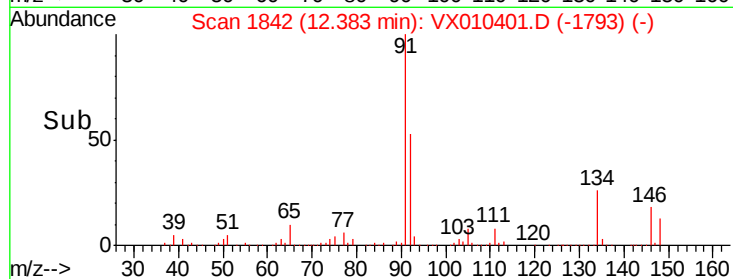
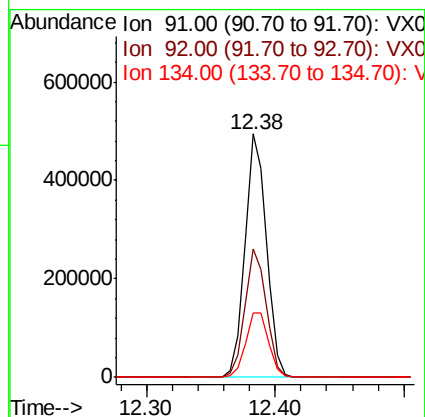
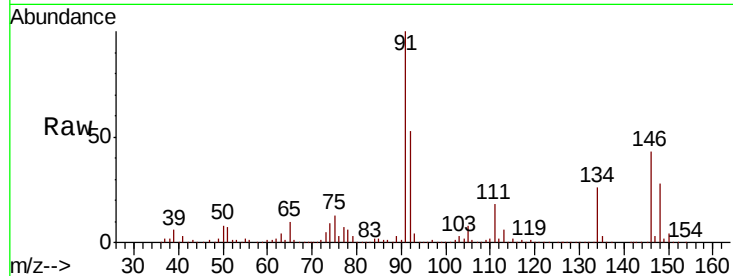




#89
n-Butylbenzene
Concen: 53.004 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

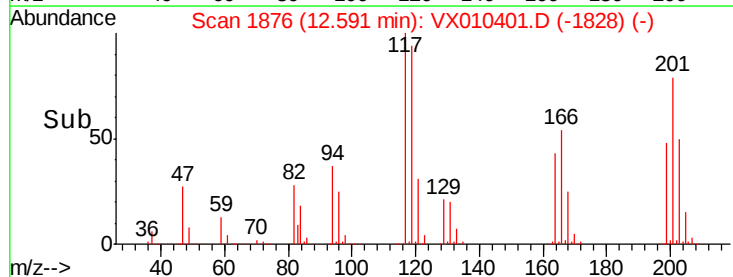
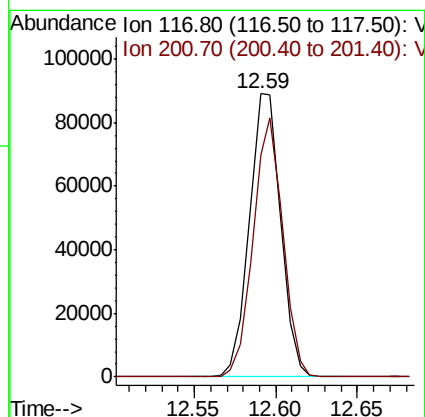
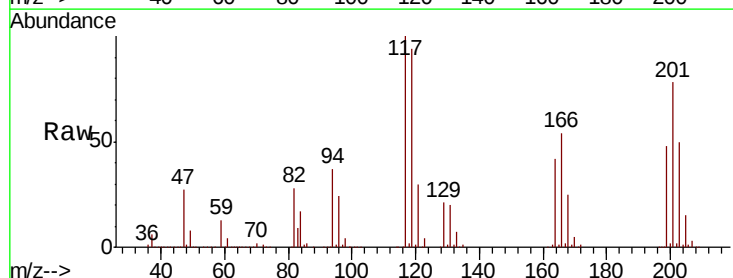
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 565527
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 28.2 14.1 42.4



#90
Hexachloroethane
Concen: 55.272 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010401.D
Acq: 24 Jun 2019 10:02

Tgt Ion: 117 Resp: 120000
Ion Ratio Lower Upper
117 100
201 86.1 44.0 131.8

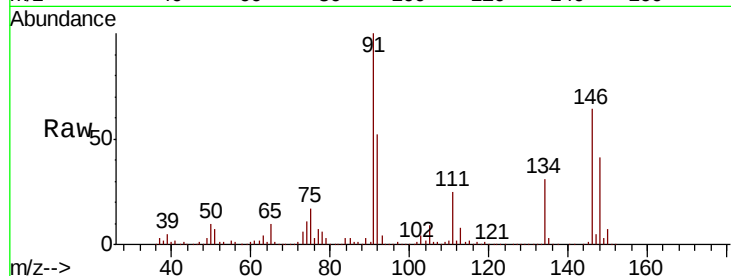




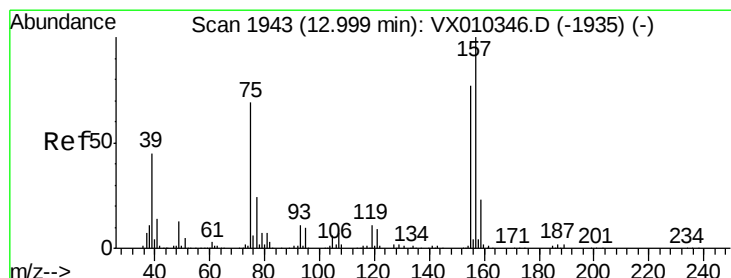
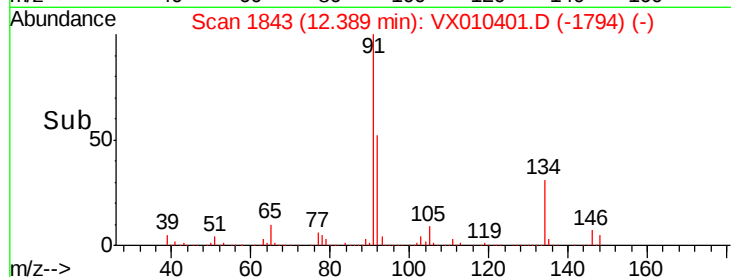
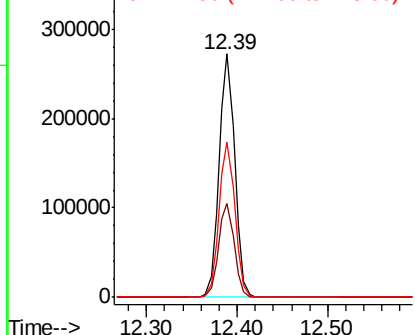
#91
 1,2-Dichlorobenzene
 Concen: 48.630 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 329164
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 64.9 32.0 96.0

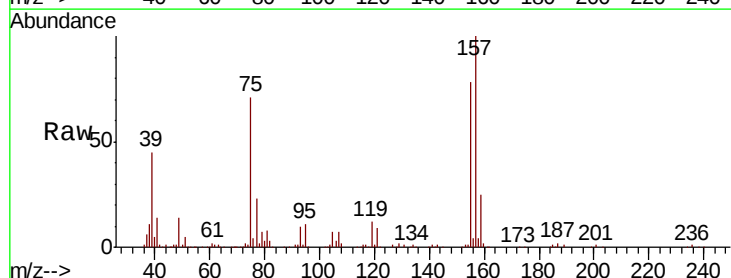


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

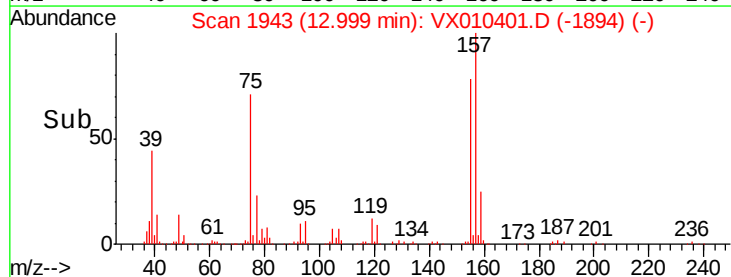
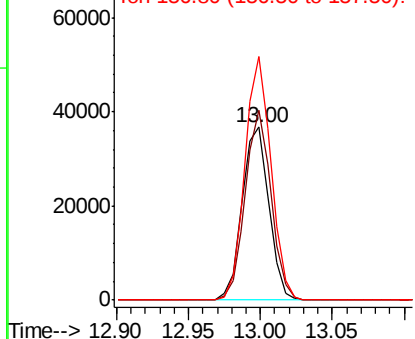


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.463 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion: 75 Resp: 47353
 Ion Ratio Lower Upper
 75 100
 155 105.4 54.4 163.1
 157 135.8 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

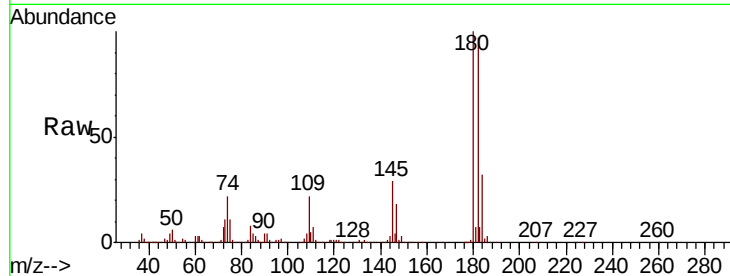




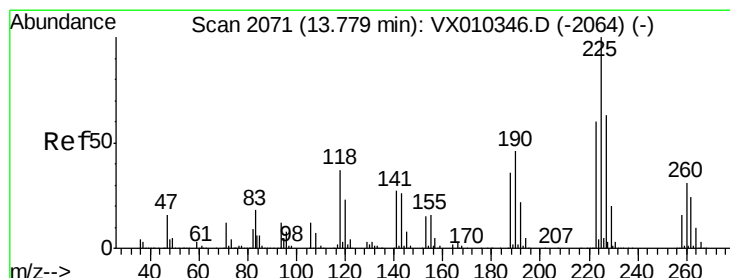
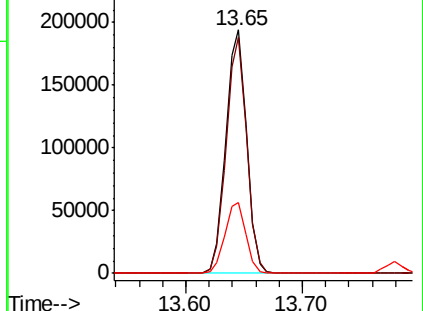
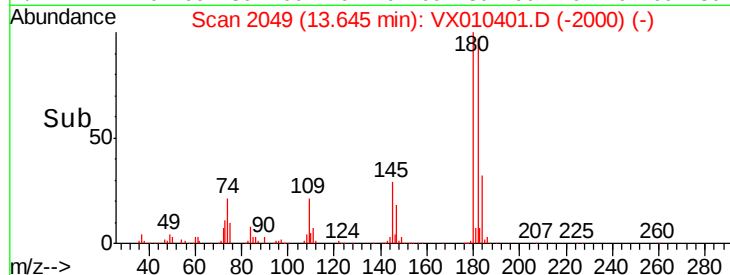
#93
 1,2,4-Trichlorobenzene
 Concen: 50.945 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 239136
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.0
 145 29.3 14.4 43.4

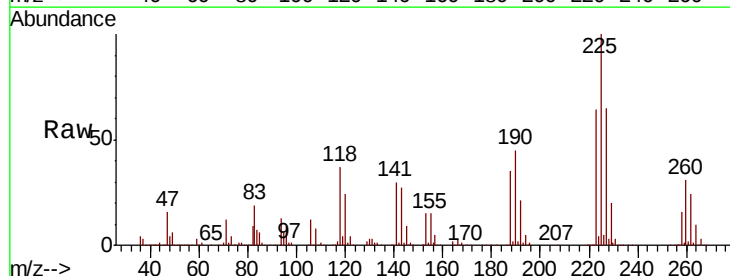


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

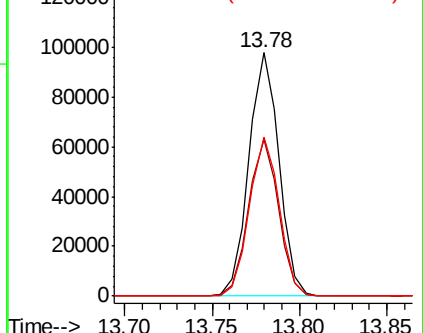
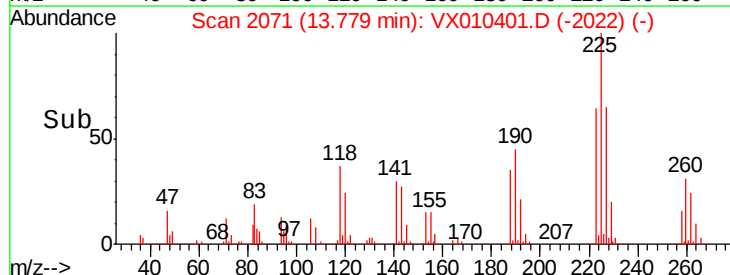


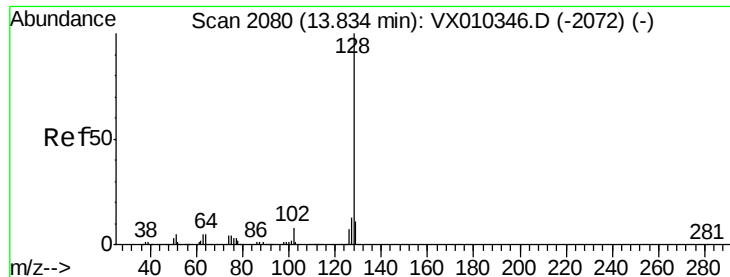
#94
 Hexachlorobutadiene
 Concen: 51.344 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010401.D
 Acq: 24 Jun 2019 10:02

Tgt Ion:225 Resp: 117790
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.9 92.7
 227 64.8 31.9 95.5



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





#95

Naphthalene

Concen: 50.276 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

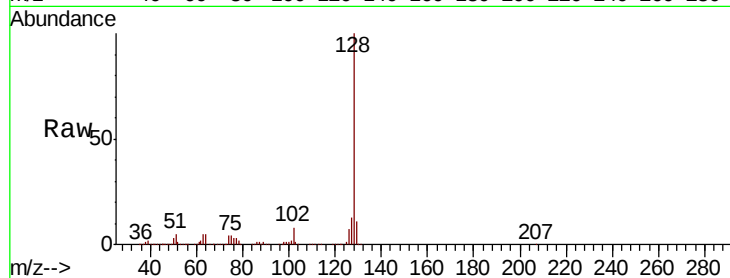
Tot Ion:128 Resp: 725226

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

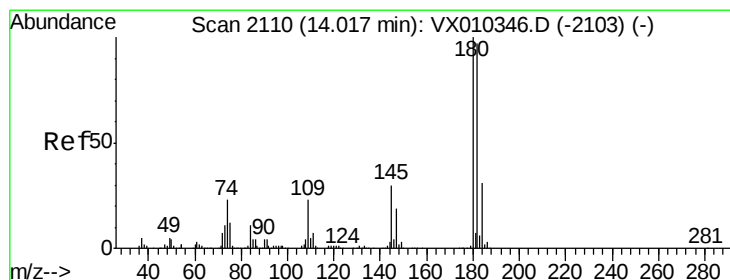
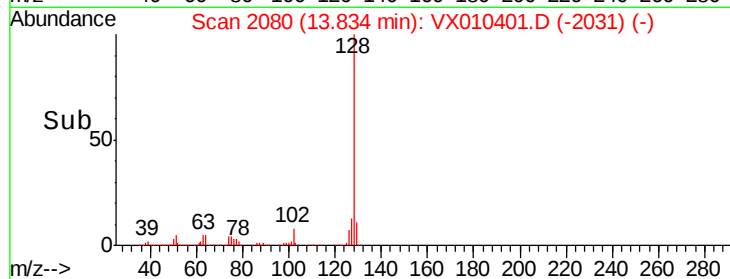
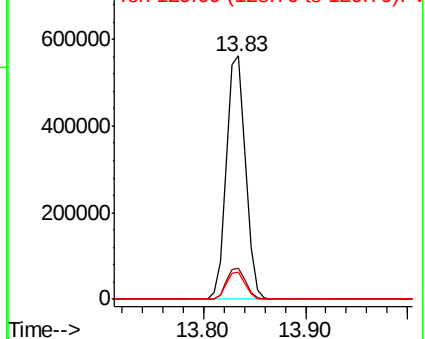
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.708 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010401.D

Acq: 24 Jun 2019 10:02

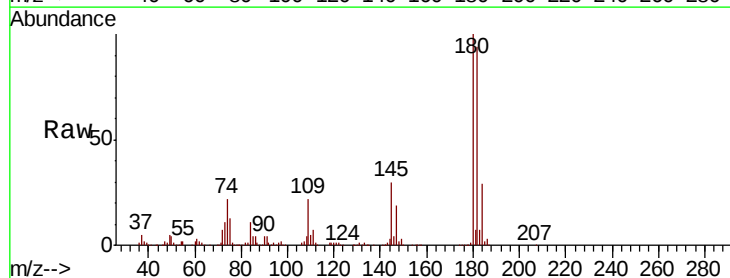
Tgt Ion:180 Resp: 241322

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 30.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

