

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010633.D
 Acq On : 03 Jul 2019 12:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 03:35:07 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	250696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111734	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.49	113	107371	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	399755	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	146309	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104748	60.100	ug/l	99
3) Chloromethane	1.32	50	102401	50.456	ug/l	99
4) Vinyl Chloride	1.41	62	113083	50.871	ug/l	99
5) Bromomethane	1.64	94	55479	51.229	ug/l	98
6) Chloroethane	1.71	64	71880	54.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	196792	55.846	ug/l	97
8) Diethyl Ether	2.19	74	66377	52.525	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112407	52.638	ug/l	99
10) Methyl Iodide	2.51	142	125281	41.108	ug/l	97
11) Tert butyl alcohol	3.05	59	130561	212.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111350	51.243	ug/l	98
13) Acrolein	2.29	56	105319	258.127	ug/l	100
14) Allyl chloride	2.73	41	158457	51.364	ug/l	98
15) Acrylonitrile	3.14	53	303334	249.096	ug/l	100
16) Acetone	2.45	43	347923	295.348	ug/l	98
17) Carbon Disulfide	2.57	76	293416	50.330	ug/l	99
18) Methyl Acetate	2.77	43	116471	49.608	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	347602	50.849	ug/l	100
20) Methylene Chloride	2.85	84	122549	50.551	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118783	50.826	ug/l	96
22) Diisopropyl ether	3.85	45	331054	51.326	ug/l	92
23) Vinyl Acetate	3.81	43	1480806	265.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192184	51.547	ug/l	99
25) 2-Butanone	4.67	43	450454	260.680	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165348	51.052	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134730	49.888	ug/l	98
28) Bromochloromethane	5.01	49	82385	46.216	ug/l	94
29) Tetrahydrofuran	5.12	42	262286	245.051	ug/l	99
30) Chloroform	5.21	83	203573	50.747	ug/l	99
31) Cyclohexane	5.57	56	177798	52.368	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182573	51.543	ug/l	99
36) 1,1-Dichloropropene	5.79	75	152177	52.783	ug/l	98
37) Ethyl Acetate	4.83	43	156245	52.679	ug/l	98
38) Carbon Tetrachloride	5.78	117	160121	51.288	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203470	53.690	ug/l	98
40) Benzene	6.14	78	470808	52.416	ug/l	98
41) Methacrylonitrile	5.04	41	83129	51.081	ug/l	99
42) 1,2-Dichloroethane	6.19	62	150865	55.177	ug/l	98
43) Isopropyl Acetate	6.44	43	253158	51.589	ug/l	98
44) Trichloroethene	7.21	130	138135	51.395	ug/l	98
45) 1,2-Dichloropropane	7.51	63	117615	51.853	ug/l	98
46) Dibromomethane	7.66	93	84231	51.758	ug/l	97
47) Bromodichloromethane	7.90	83	154728	51.880	ug/l	98
48) Methyl methacrylate	7.77	41	120750	52.939	ug/l	98
49) 1,4-Dioxane	7.74	88	61597	937.437	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	819119	260.994	ug/l	98
52) Toluene	8.78	92	308967	52.234	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172770	51.670	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	191072	52.583	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127370	52.211	ug/l	99
56) Ethyl methacrylate	9.18	69	189979	51.408	ug/l	96
57) 1,3-Dichloropropane	9.37	76	199160	52.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415884	236.956	ug/l	99
59) 2-Hexanone	9.49	43	640819	259.433	ug/l	98
60) Dibromochloromethane	9.58	129	138350	50.651	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138022	52.417	ug/l	100
64) Tetrachloroethene	9.34	164	134048	50.221	ug/l	98
65) Chlorobenzene	10.13	112	343064	51.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	127326	52.174	ug/l	99
67) Ethyl Benzene	10.25	91	600245	53.069	ug/l	99
68) m/p-Xylenes	10.35	106	466129	106.359	ug/l	99
69) o-Xylene	10.69	106	222976	51.736	ug/l	99
70) Styrene	10.71	104	381850	52.830	ug/l	99
71) Bromoform	10.85	173	105813	49.859	ug/l	99
73) Isopropylbenzene	11.02	105	604823	51.334	ug/l	99
74) N-amyl acetate	10.90	43	229946	51.642	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	188869	48.404	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	213912	67.539	ug/l	81
77) Bromobenzene	11.26	156	164741	50.075	ug/l	99
78) n-propylbenzene	11.36	91	685607	52.946	ug/l	99
79) 2-Chlorotoluene	11.42	91	391687	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502118	51.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62068	45.717	ug/l	94
82) 4-Chlorotoluene	11.51	91	458406	52.245	ug/l	100
83) tert-Butylbenzene	11.77	119	502228	51.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	508459	52.104	ug/l	100
85) sec-Butylbenzene	11.94	105	601326	52.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	554735	52.395	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	287150	50.002	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	289544	49.525	ug/l	99
89) n-Butylbenzene	12.38	91	487139	54.146	ug/l	99
90) Hexachloroethane	12.59	117	90456	49.410	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	275116	48.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39466	46.912	ug/l	92

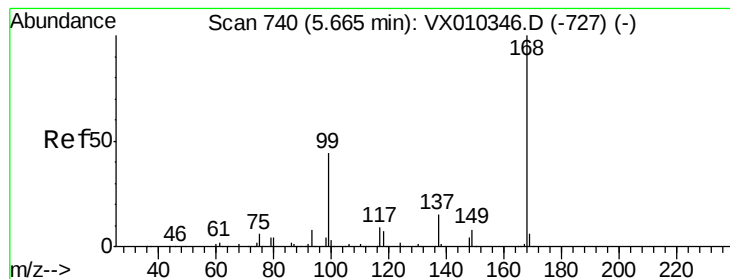
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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ClientSampleId :
VSTDCCC050

Quant Time: Jul 04 03:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199759	50.468	ug/l	99
94) Hexachlorobutadiene	13.78	225	98747	51.046	ug/l	99
95) Naphthalene	13.83	128	597414	49.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196059	49.820	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

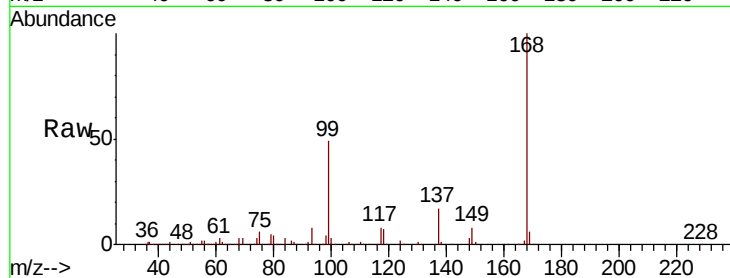
VSTDCCC050

Tot Ion:168 Resp: 250696

Ion Ratio Lower Upper

168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

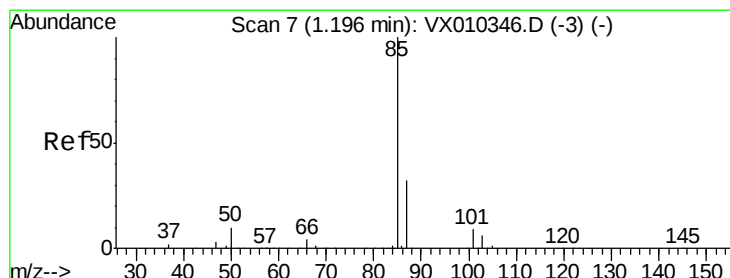
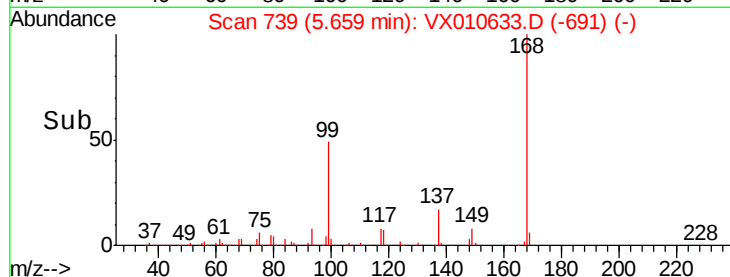
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 60.100 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010633.D

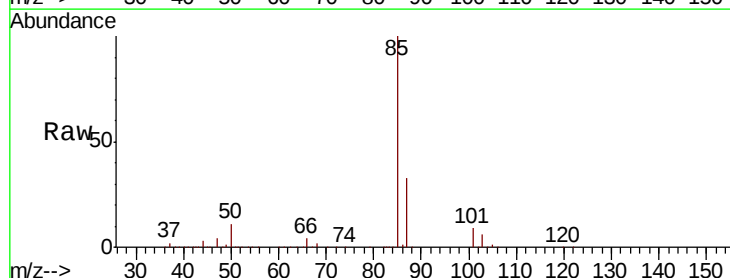
Acq: 03 Jul 2019 12:20

Tgt Ion: 85 Resp: 104748

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

120000

100000

80000

60000

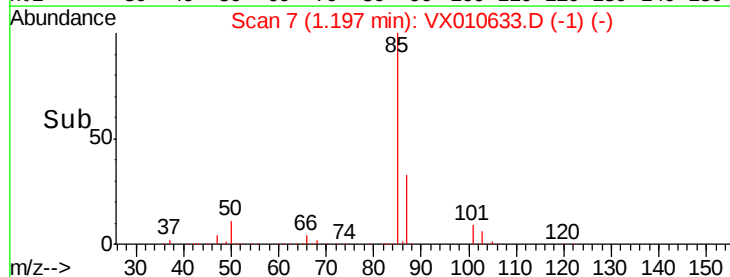
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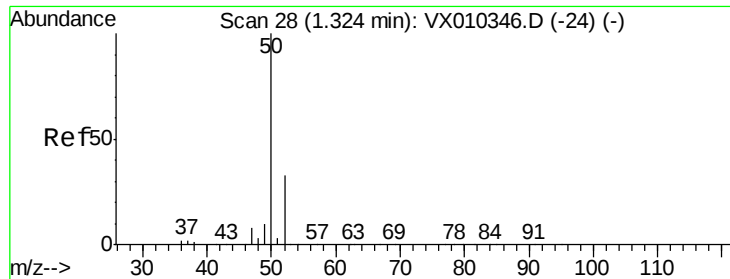
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.456 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

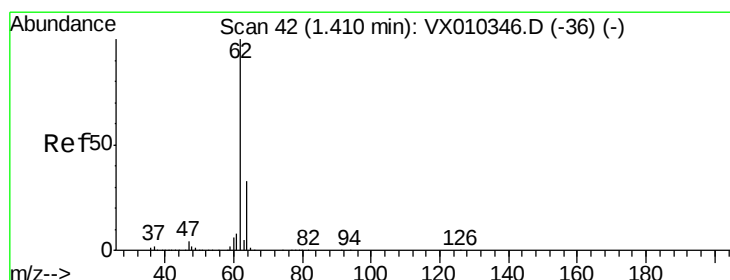
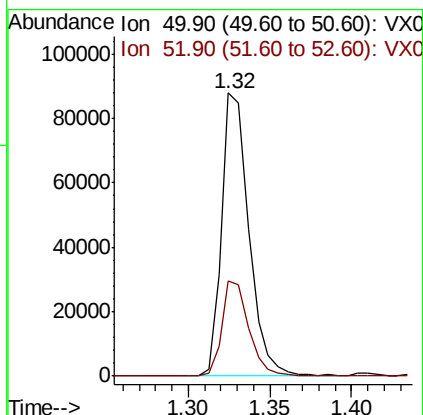
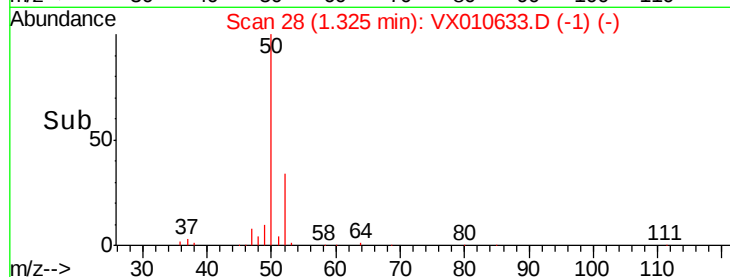
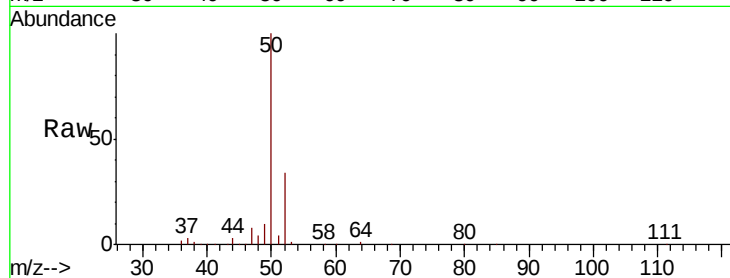
VSTDCCC050

Tot Ion: 50 Resp: 102401

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 50.871 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010633.D

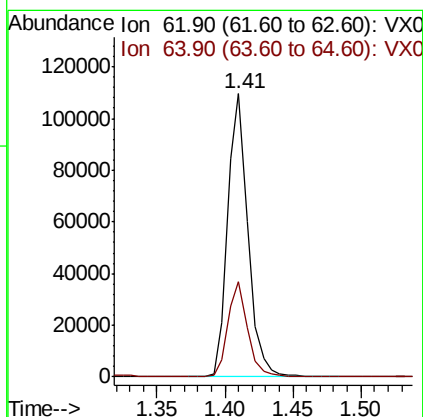
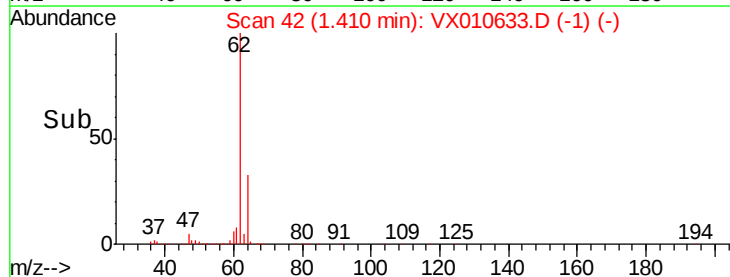
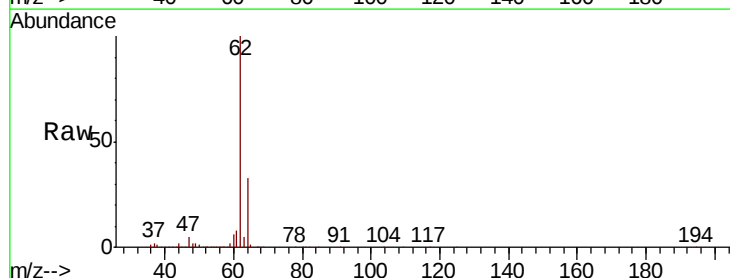
Acq: 03 Jul 2019 12:20

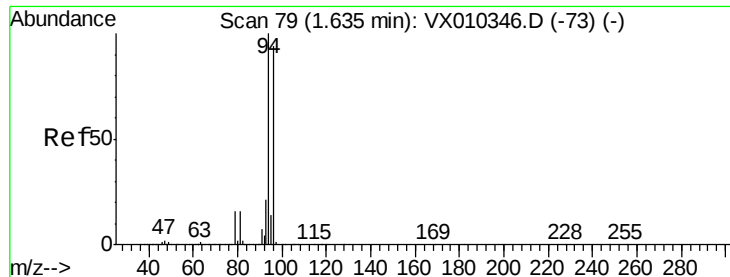
Tgt Ion: 62 Resp: 113083

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.4





#5

Bromomethane

Concen: 51.229 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

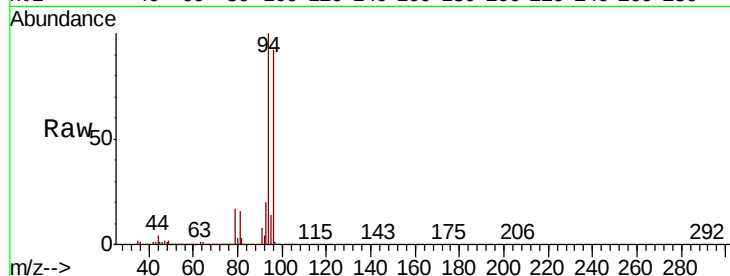
VSTDCCC050

Tot Ion: 94 Resp: 55479

Ion Ratio Lower Upper

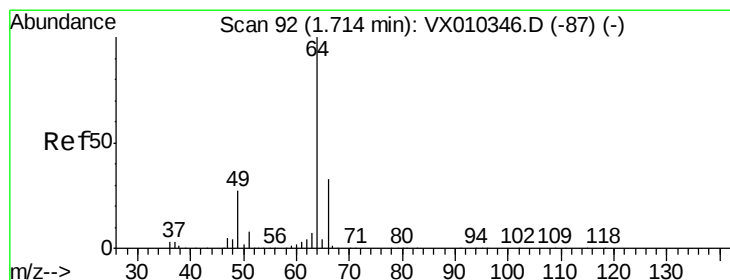
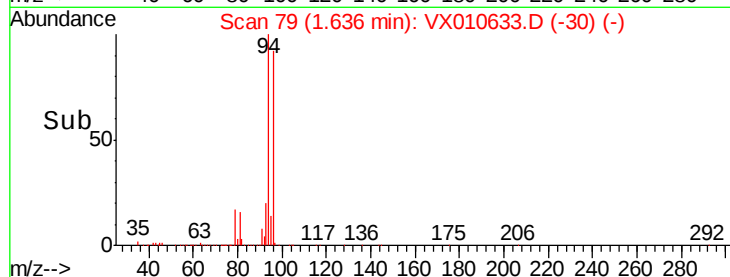
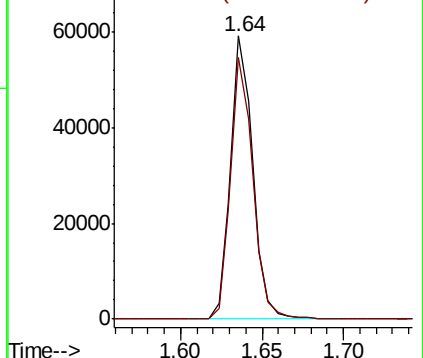
94 100

96 92.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.808 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010633.D

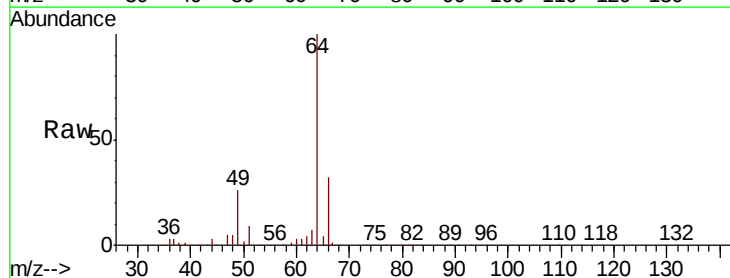
Acq: 03 Jul 2019 12:20

Tgt Ion: 64 Resp: 71880

Ion Ratio Lower Upper

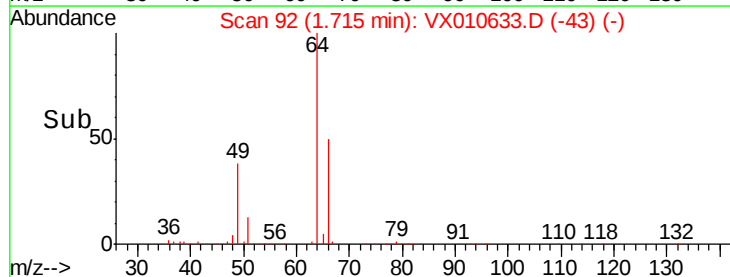
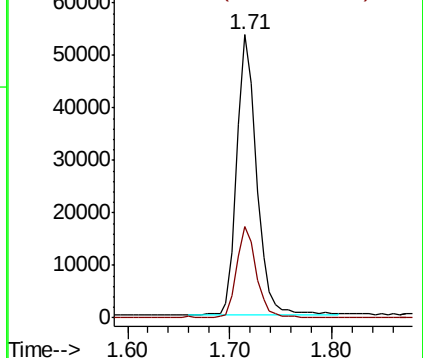
64 100

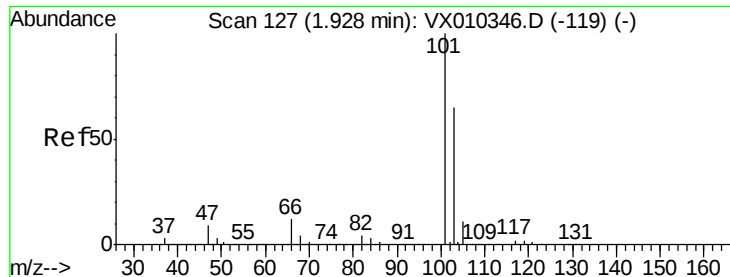
66 32.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



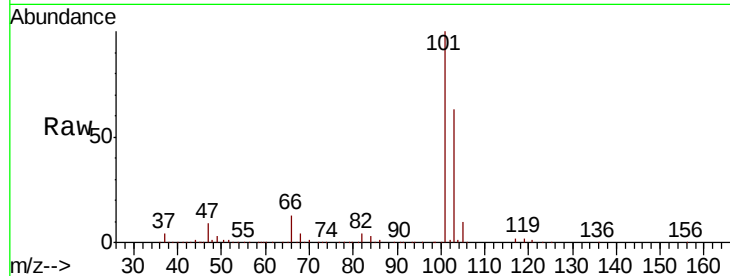


#7

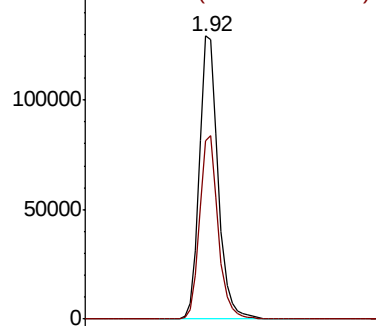
Trichlorofluoromethane
 Concen: 55.846 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

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 VSTDCCC050

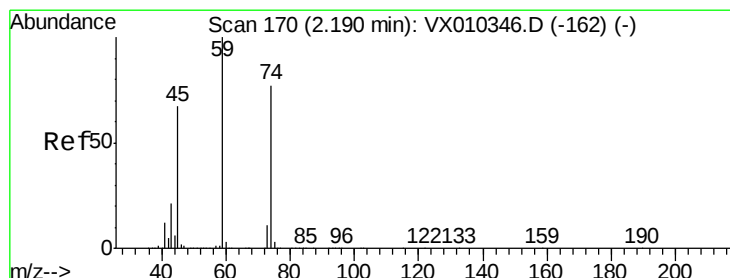
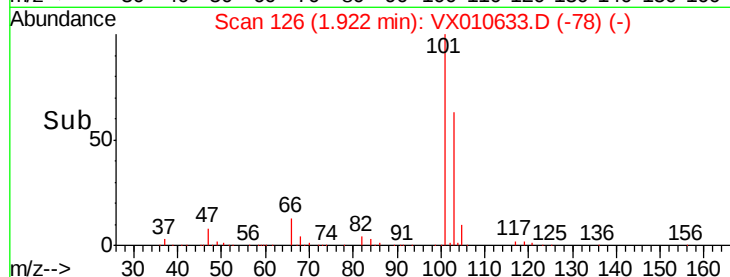
Tot Ion:101 Resp: 196792
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.3 78.5



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



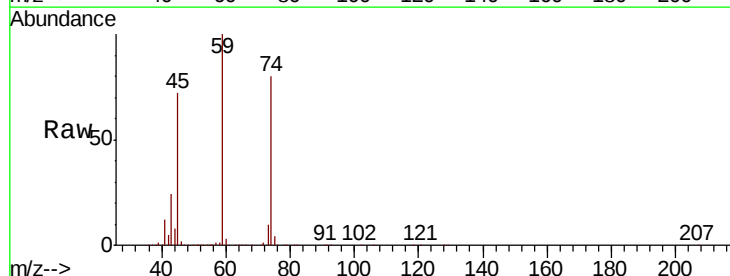
Time-->



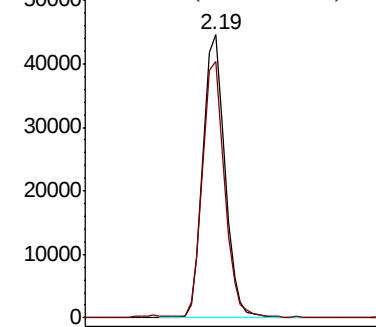
#8

Diethyl Ether
 Concen: 52.525 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

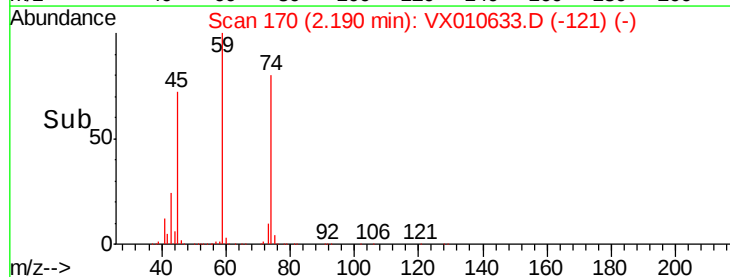
Tgt Ion: 74 Resp: 66377
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.8 134.4

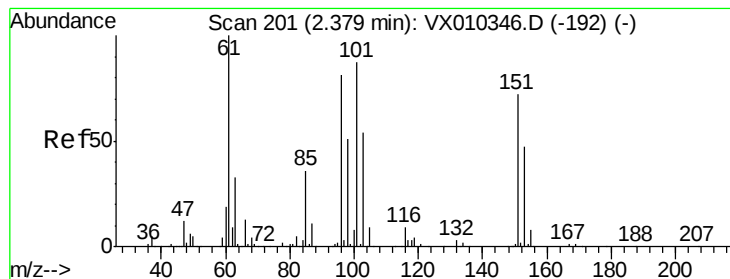


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

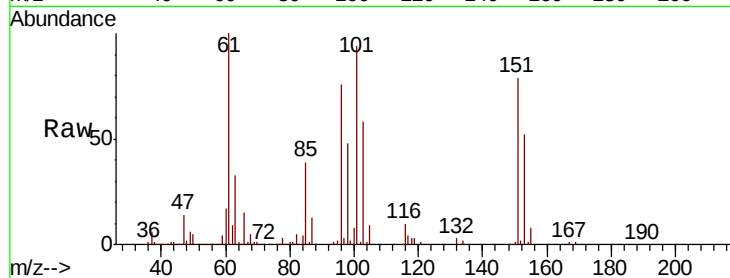
Tot Ion:101 Resp: 112407

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

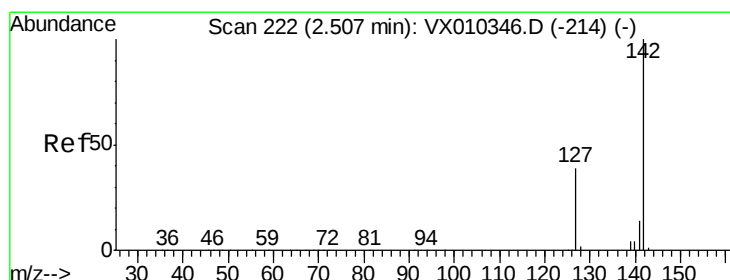
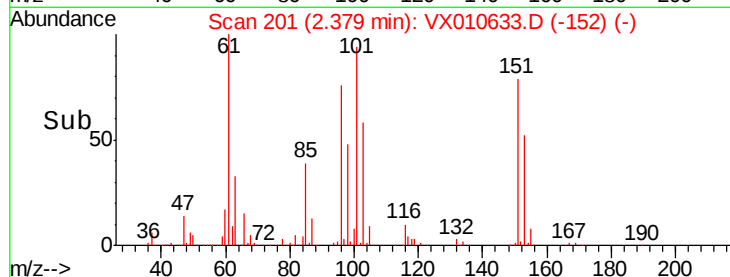
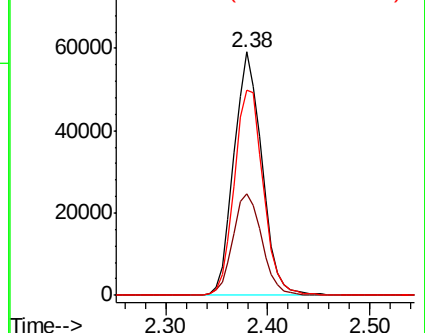
151 87.2 70.1 105.1



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: 41.108 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

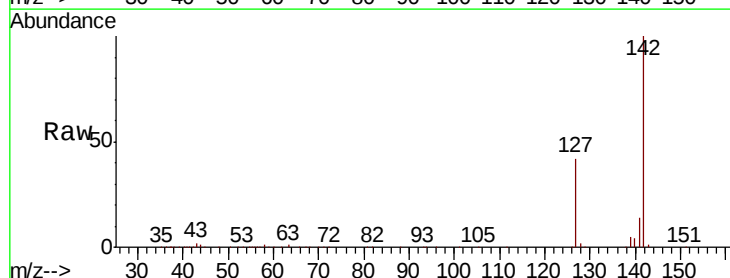
Tgt Ion:142 Resp: 125281

Ion Ratio Lower Upper

142 100

127 41.5 31.1 46.7

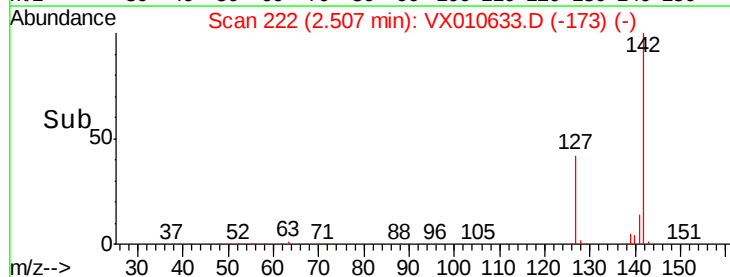
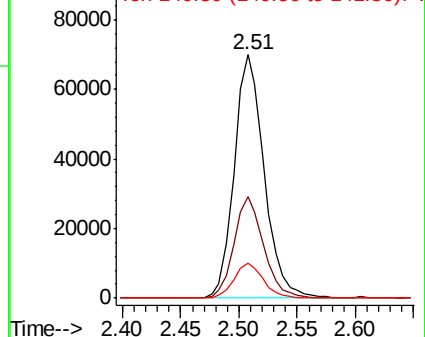
141 14.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

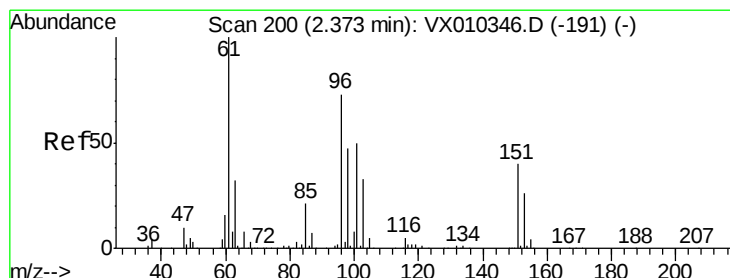
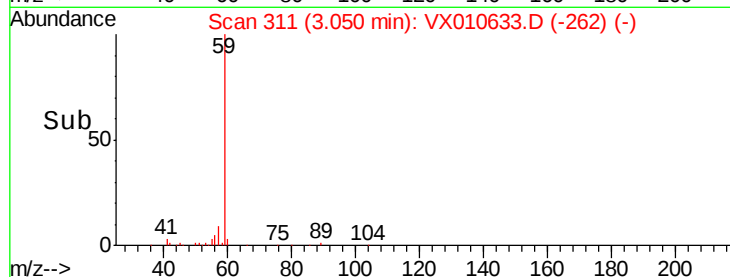
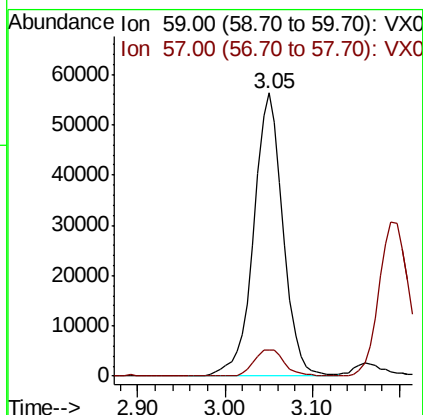
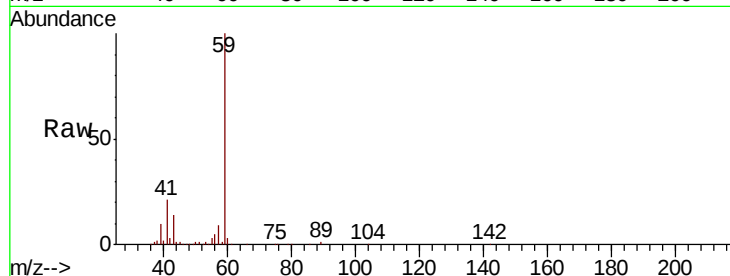




#11
Tert butyl alcohol
Concen: 212.275 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

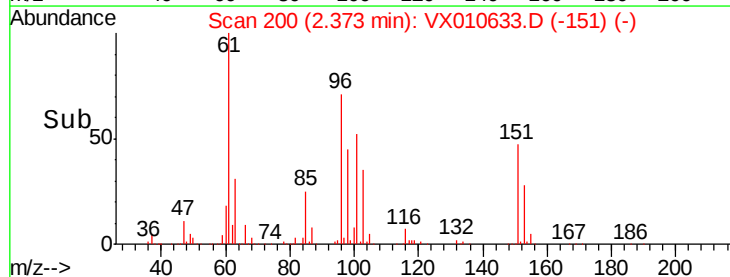
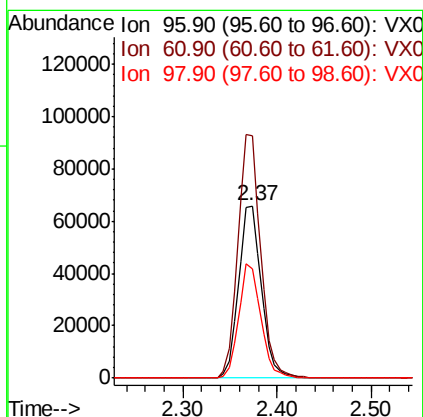
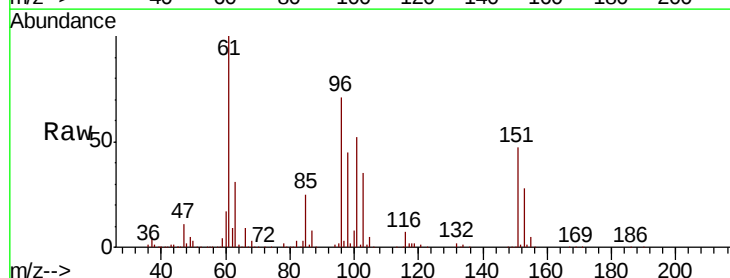
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 130561
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.243 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 96 Resp: 111350
Ion Ratio Lower Upper
96 100
61 140.1 109.2 163.8
98 63.1 51.1 76.7





#13

Acrolein

Concen: 258.127 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

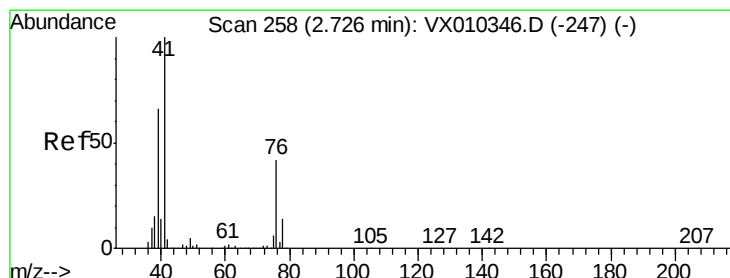
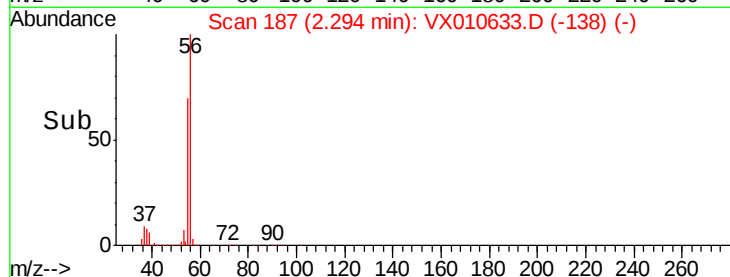
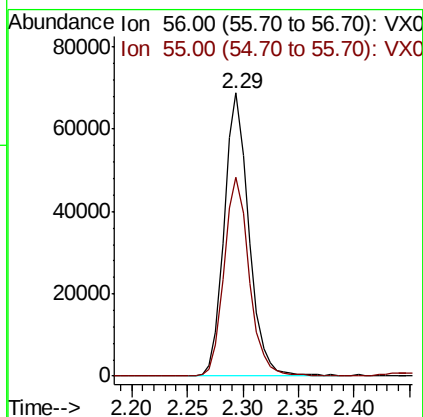
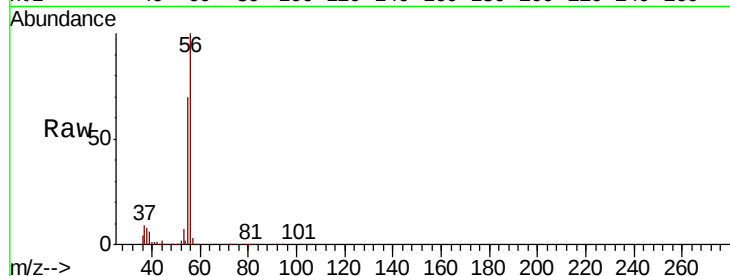
VSTDCCC050

Tot Ion: 56 Resp: 105319

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 51.364 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

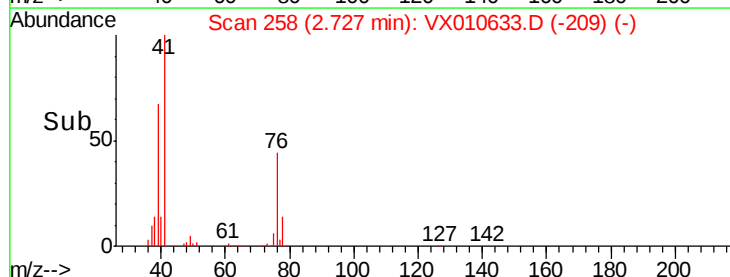
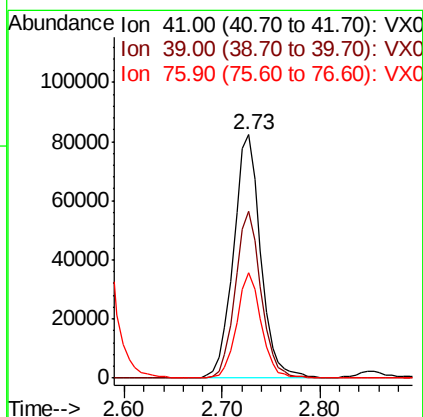
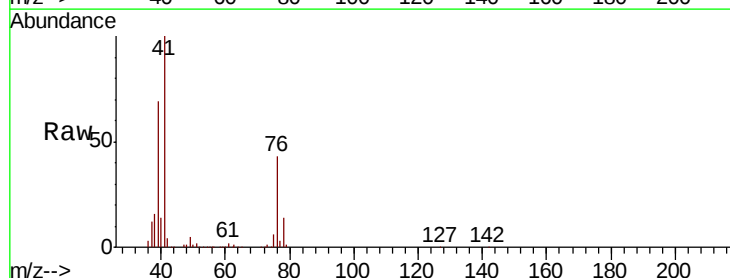
Tgt Ion: 41 Resp: 158457

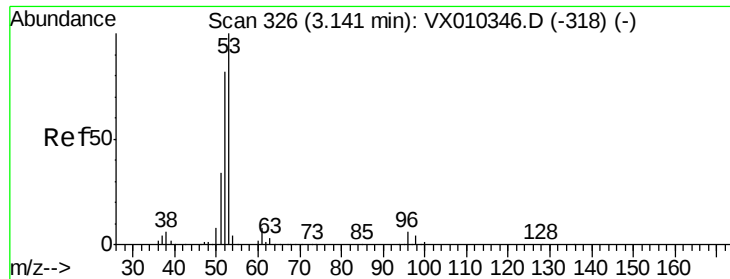
Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

76 38.8 31.3 46.9





#15

Acrylonitrile

Concen: 249.096 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

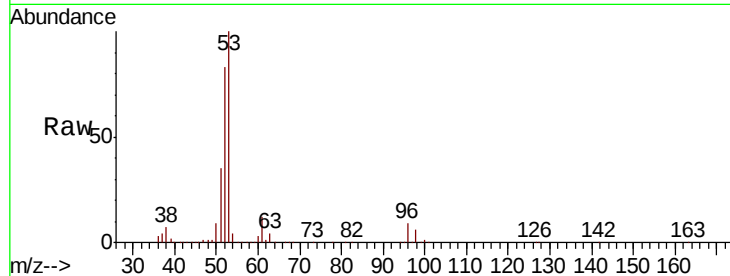
Tot Ion: 53 Resp: 303334

Ion Ratio Lower Upper

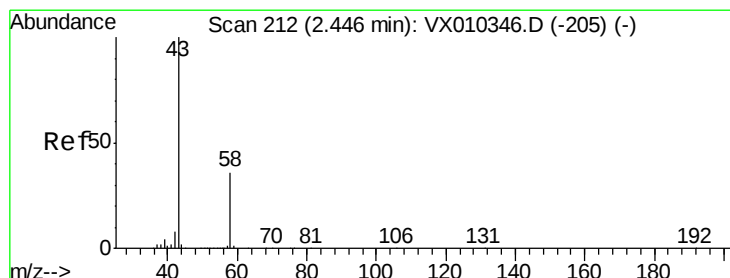
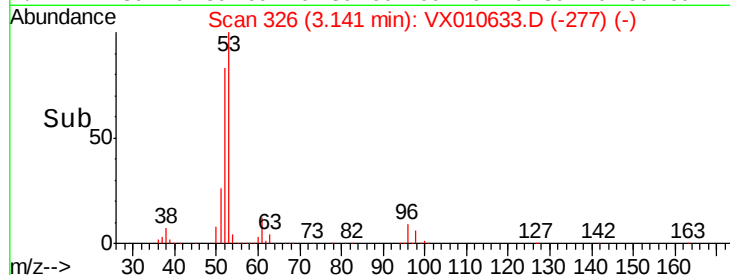
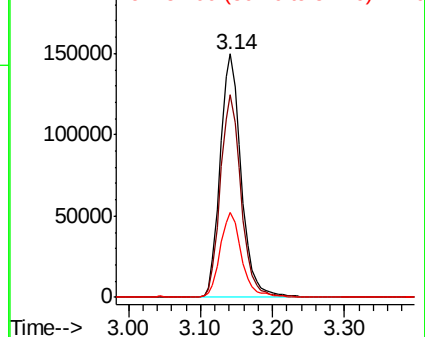
53 100

52 82.0 65.5 98.3

51 35.3 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: 295.348 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010633.D

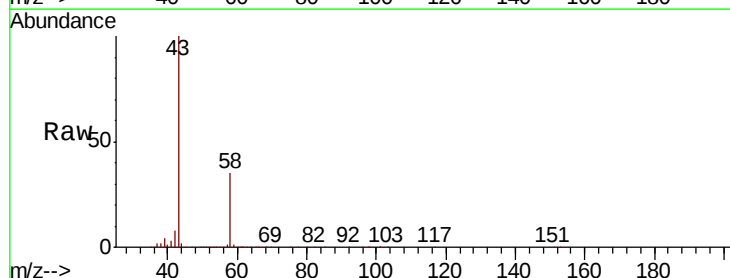
Acq: 03 Jul 2019 12:20

Tgt Ion: 43 Resp: 347923

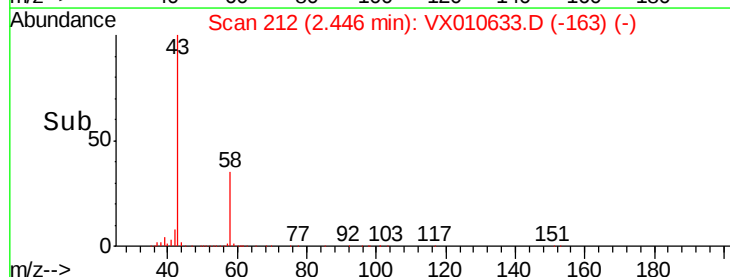
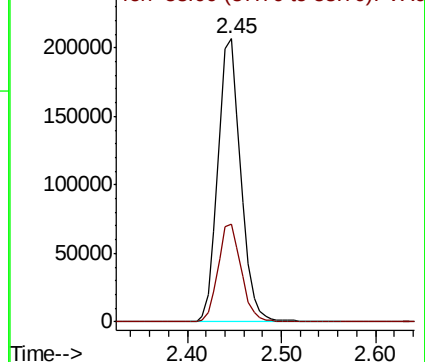
Ion Ratio Lower Upper

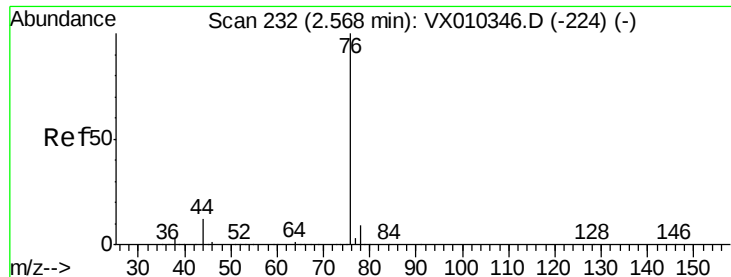
43 100

58 34.7 28.9 43.3



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

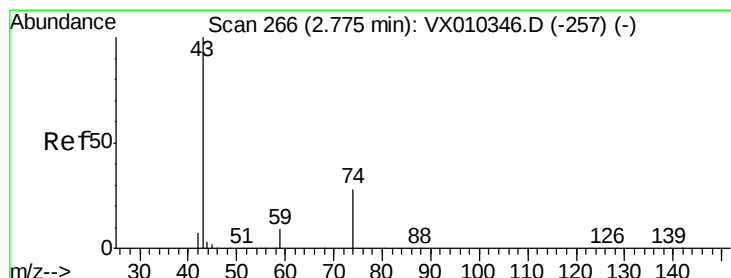
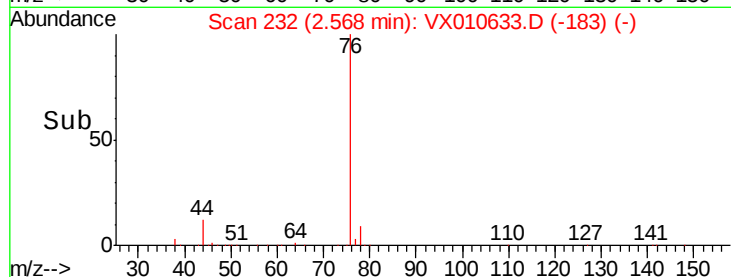
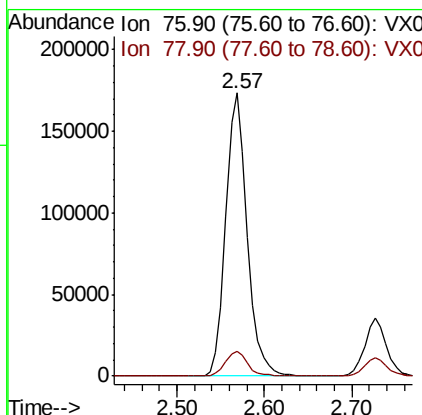
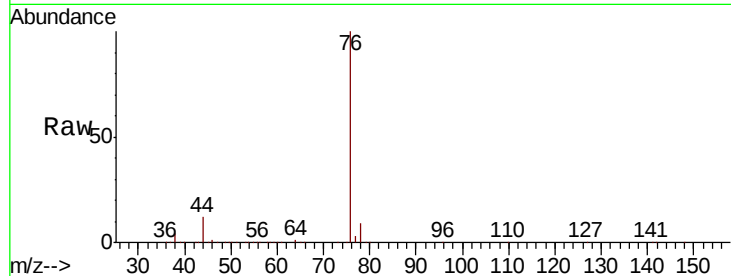




#17
Carbon Disulfide
Concen: 50.330 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

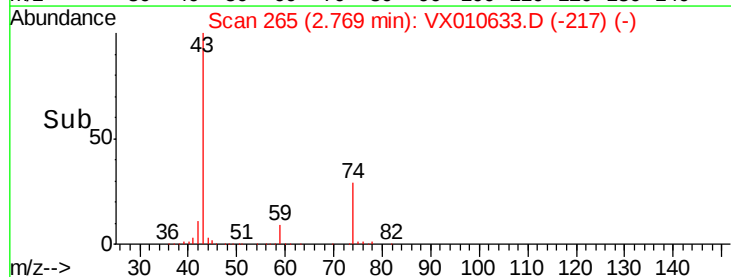
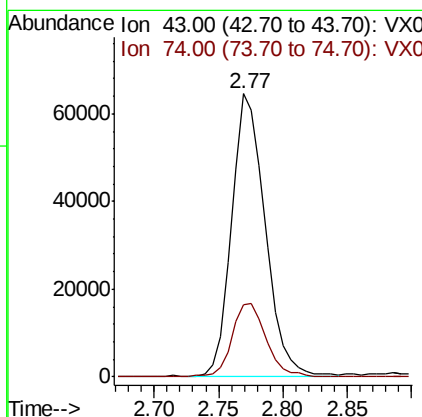
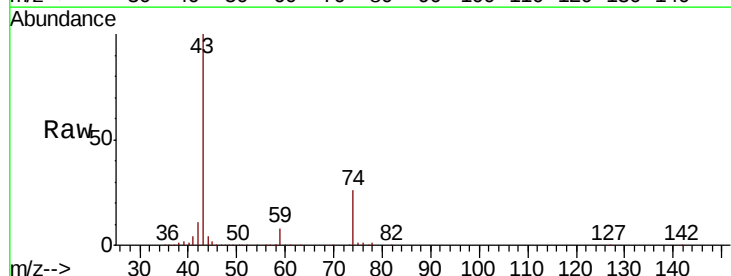
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

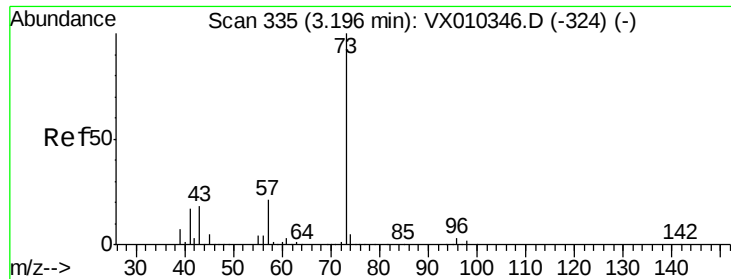
Tot Ion: 76 Resp: 293416
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 49.608 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 43 Resp: 116471
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9

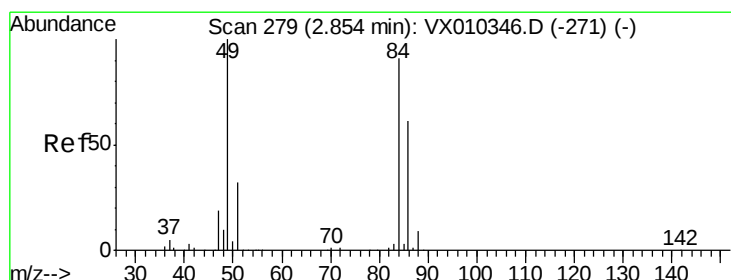
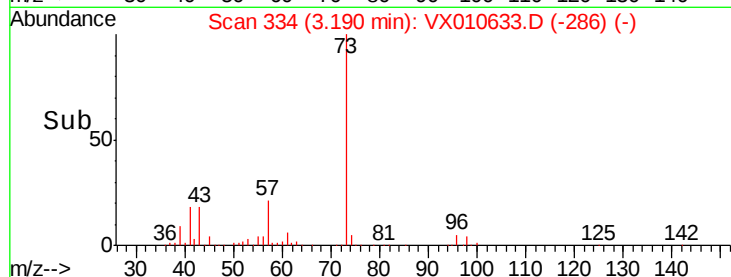
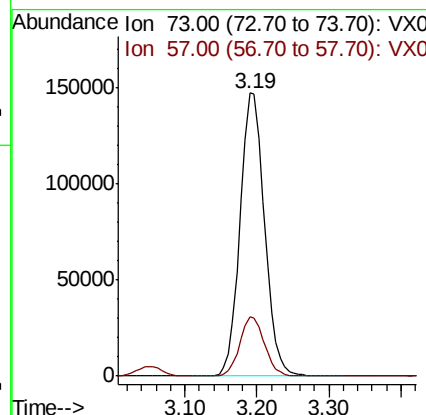
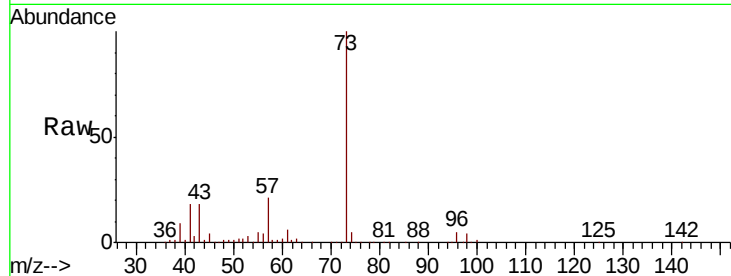




#19
Methyl tert-butyl Ether
Concen: 50.849 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

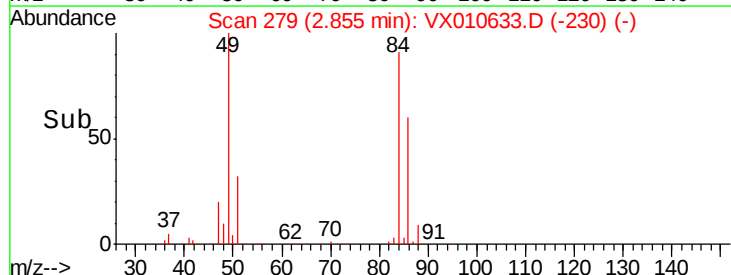
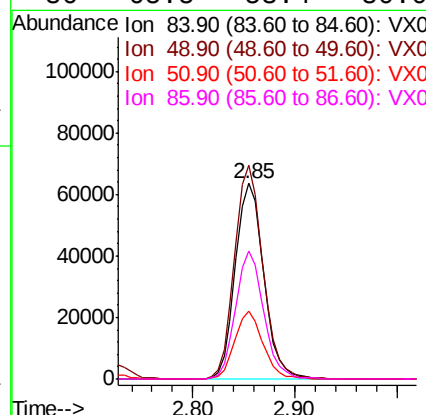
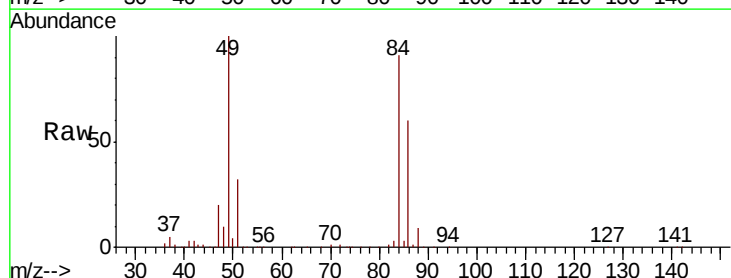
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 347602
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 50.551 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 84 Resp: 122549
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 34.7 27.7 41.5
86 65.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 50.826 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

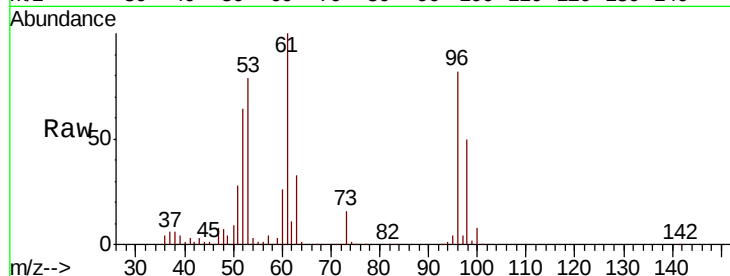
Tot Ion: 96 Resp: 118783

Ion Ratio Lower Upper

96 100

61 122.0 95.6 143.4

98 60.9 52.5 78.7

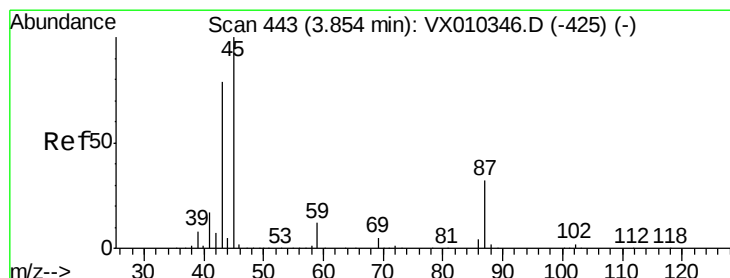
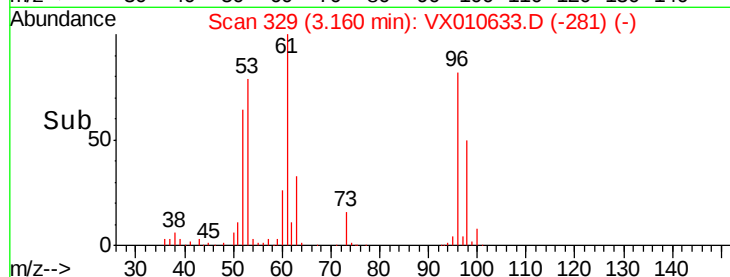
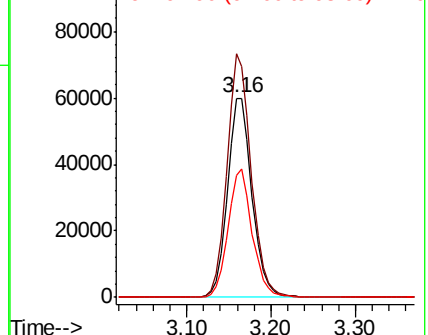


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.326 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion: 45 Resp: 331054

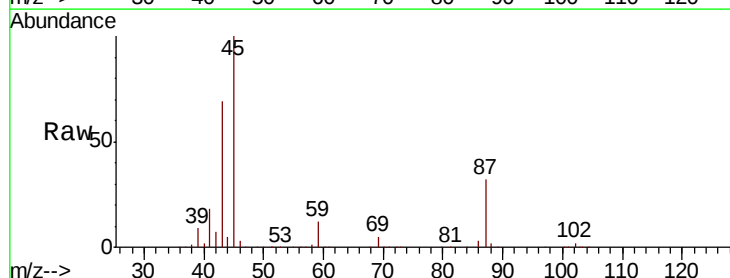
Ion Ratio Lower Upper

45 100

43 69.1 63.3 94.9

87 31.6 25.8 38.8

59 12.2 9.6 14.4



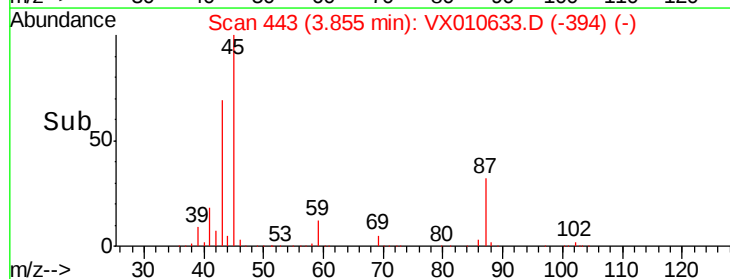
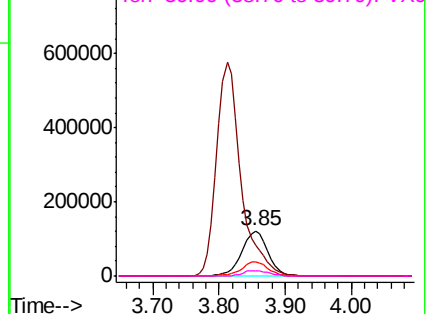
Abundance

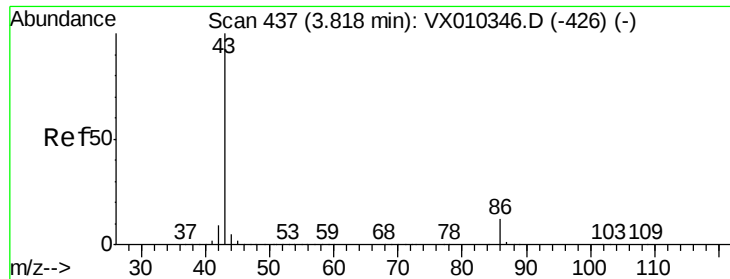
Ion 45.00 (44.70 to 45.70): VX0

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

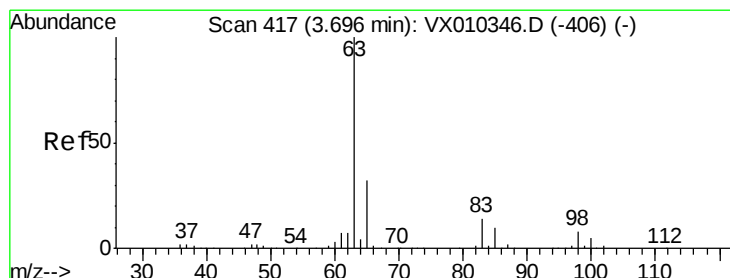
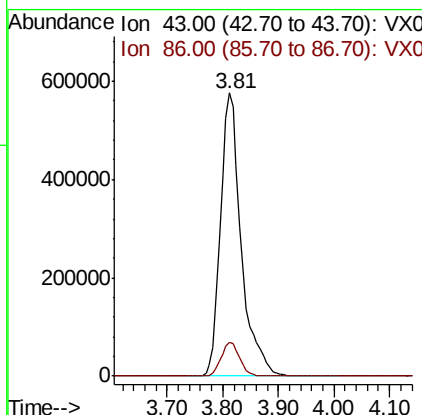
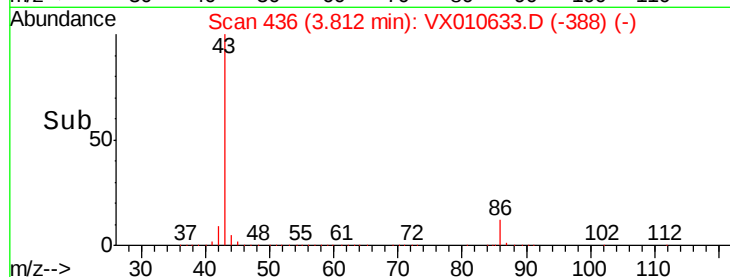
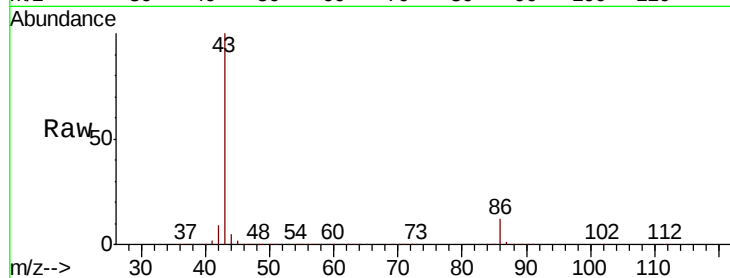




#23
 Vinyl Acetate
 Concen: 265.752 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

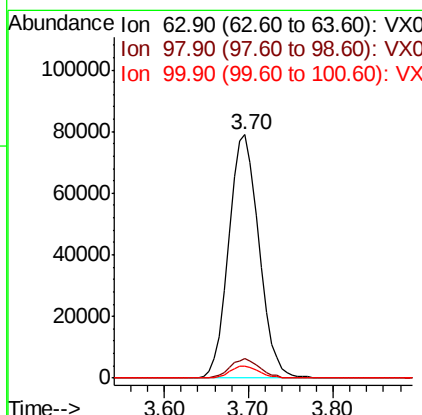
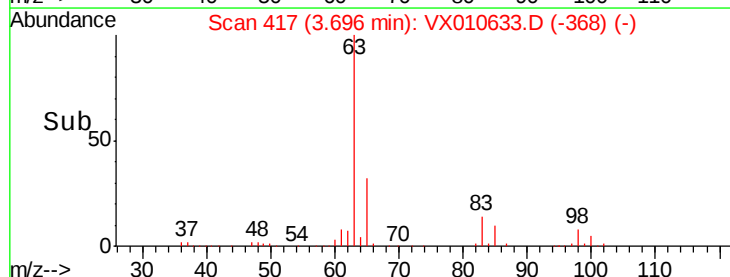
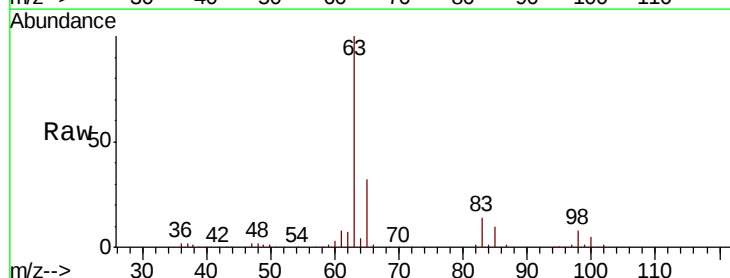
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

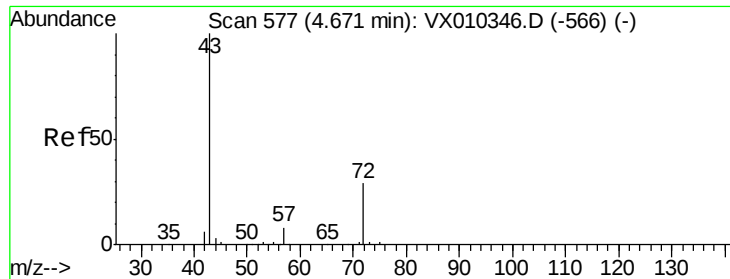
Tot Ion: 43 Resp: 1480806
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 51.547 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 63 Resp: 192184
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.1 2.4 7.1





#25

2-Butanone

Concen: 260.680 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

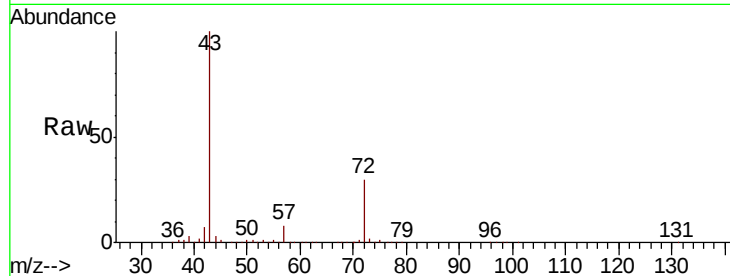
VSTDCCC050

Tot Ion: 43 Resp: 450454

Ion Ratio Lower Upper

43 100

72 29.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

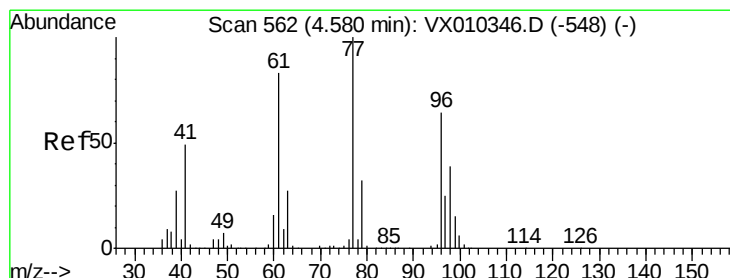
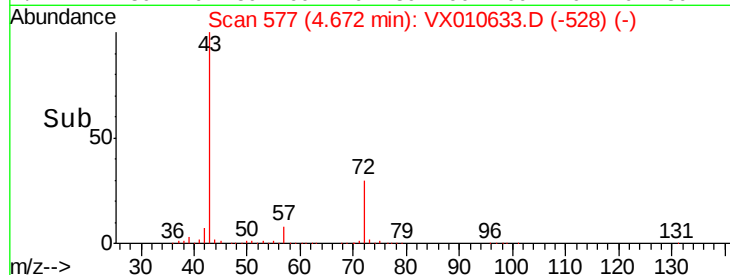
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.052 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010633.D

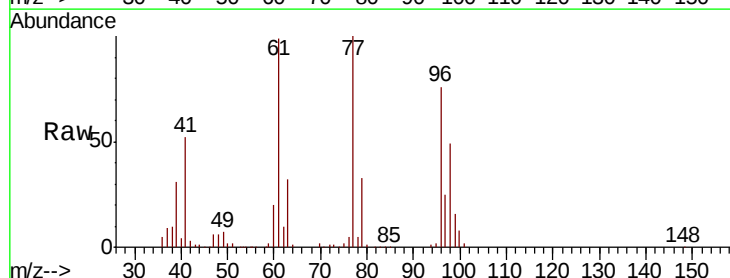
Acq: 03 Jul 2019 12:20

Tgt Ion: 77 Resp: 165348

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

50000

40000

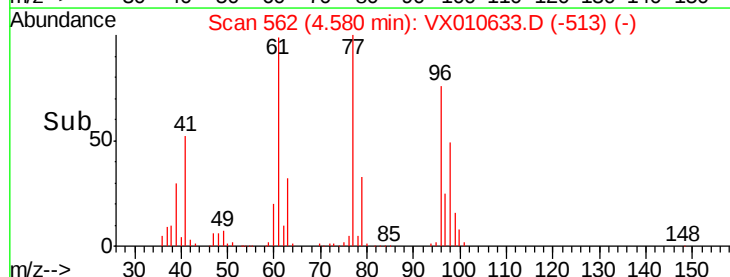
30000

20000

10000

0

Time-->



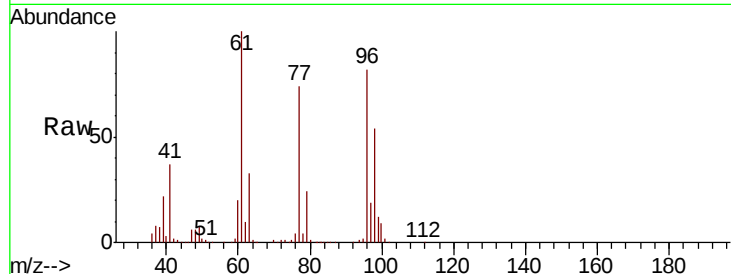


#27

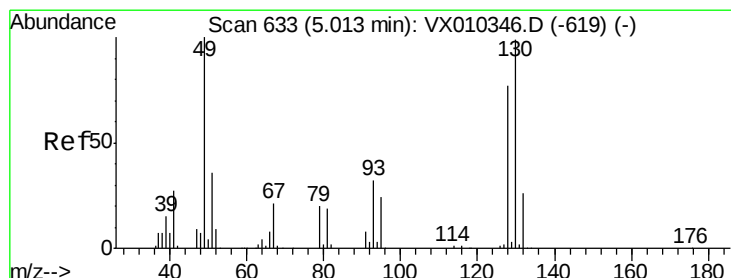
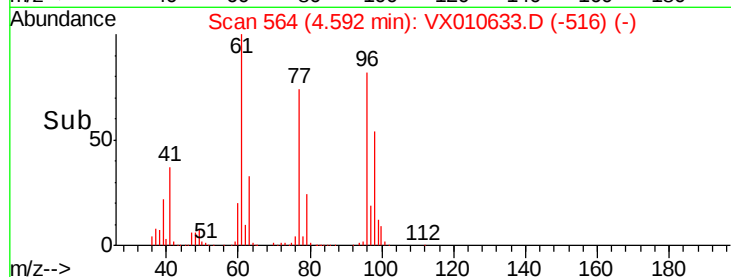
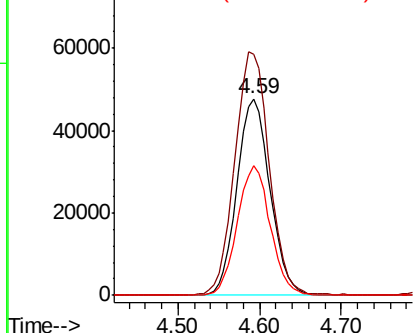
cis-1,2-Dichloroethene
 Concen: 49.888 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 134730
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 251.8
 98 65.8 0.0 129.4



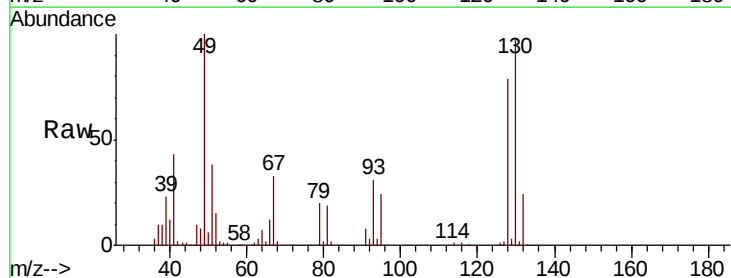
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



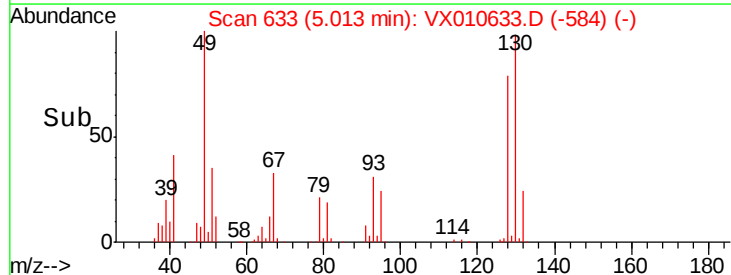
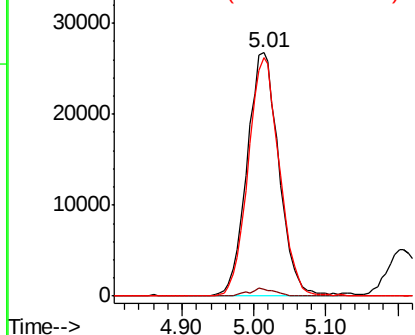
#28

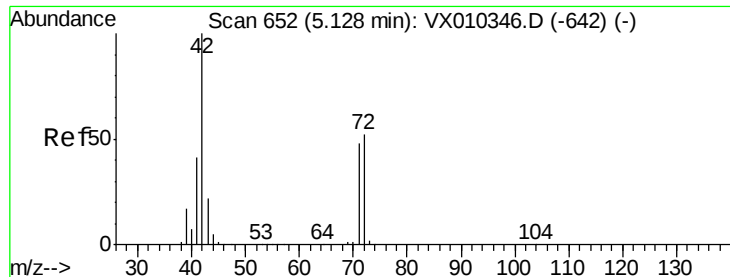
Bromochloromethane
 Concen: 46.216 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 49 Resp: 82385
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 95.9 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

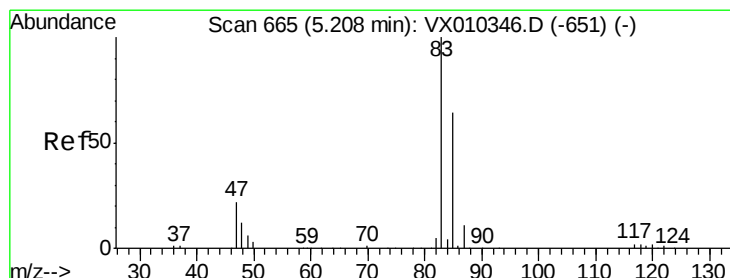
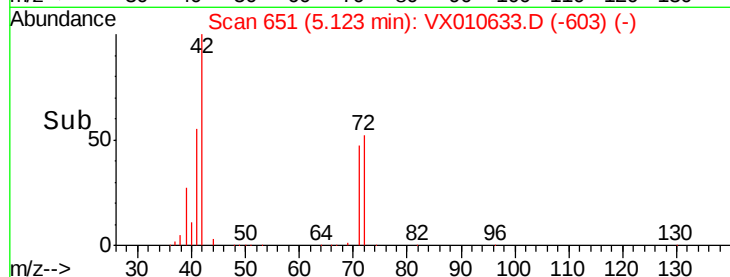
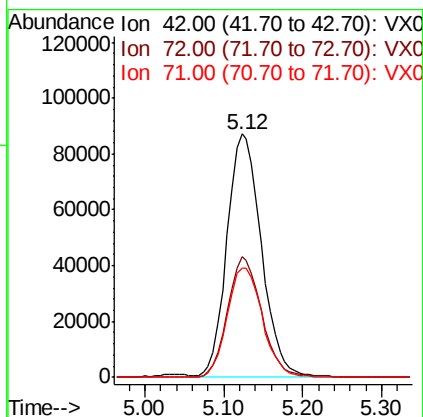
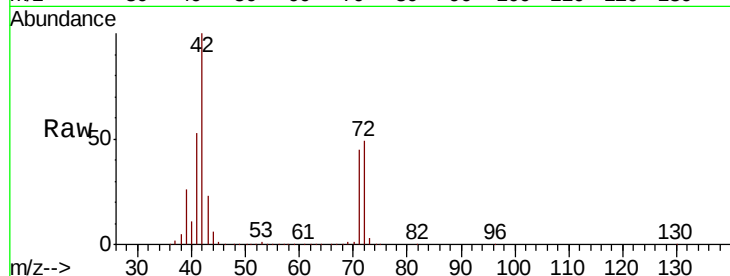




#29
Tetrahydrofuran
Concen: 245.051 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

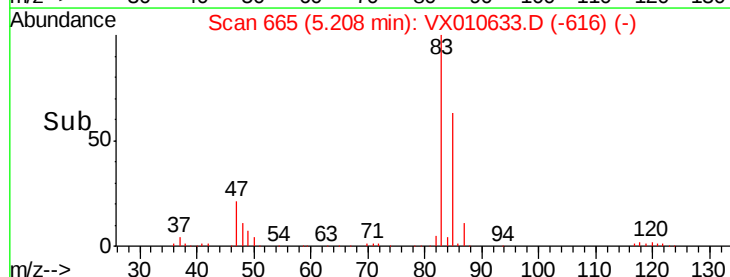
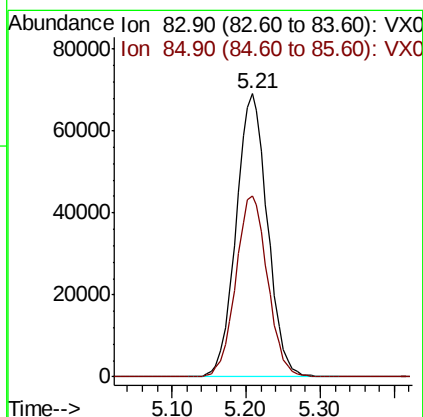
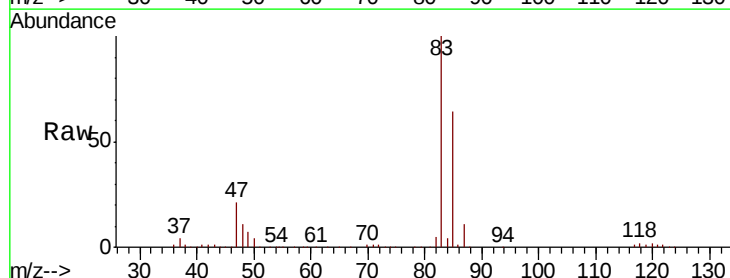
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 262286
Ion Ratio Lower Upper
42 100
72 49.8 40.6 60.8
71 46.6 37.8 56.8



#30
Chloroform
Concen: 50.747 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 83 Resp: 203573
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3





#31

Cyclohexane

Concen: 52.368 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

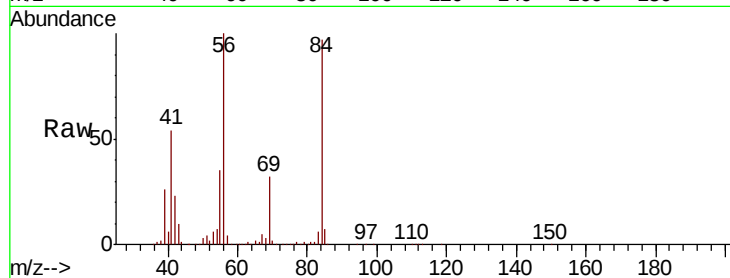
Tot Ion: 56 Resp: 177798

Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

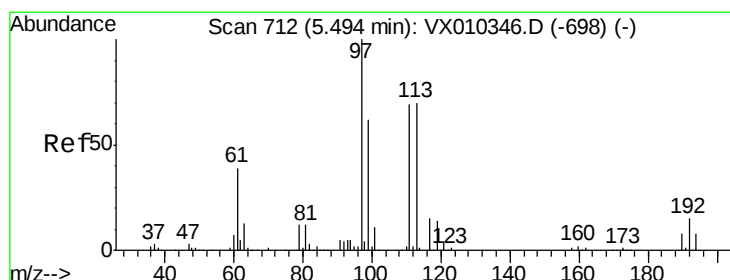
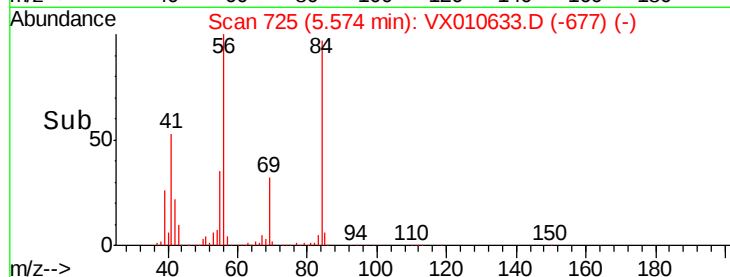
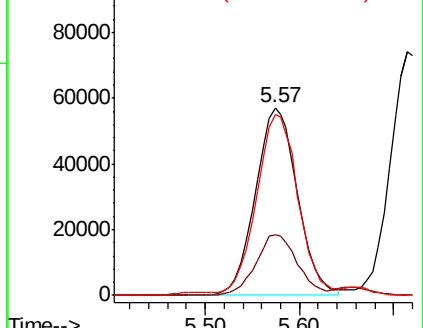
84 95.1 78.0 117.0



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: 51.543 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

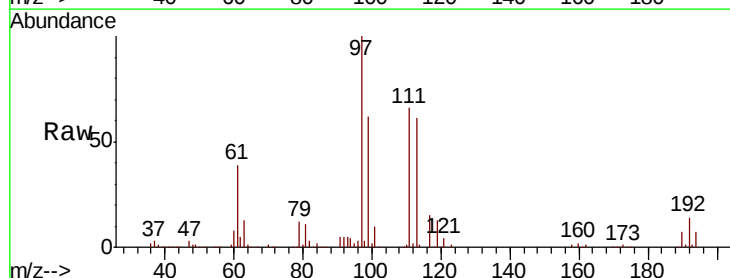
Tgt Ion: 97 Resp: 182573

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

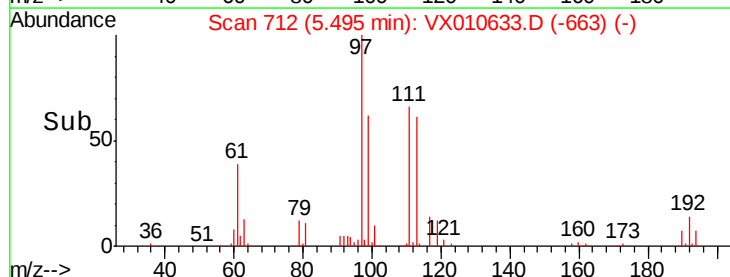
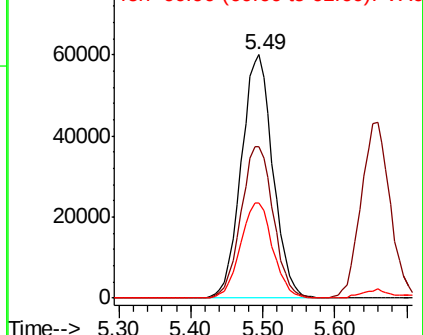
61 40.2 32.1 48.1

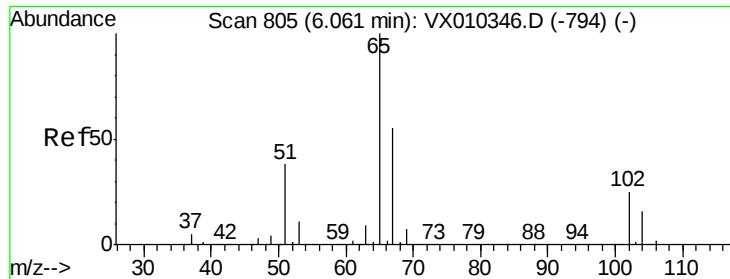


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

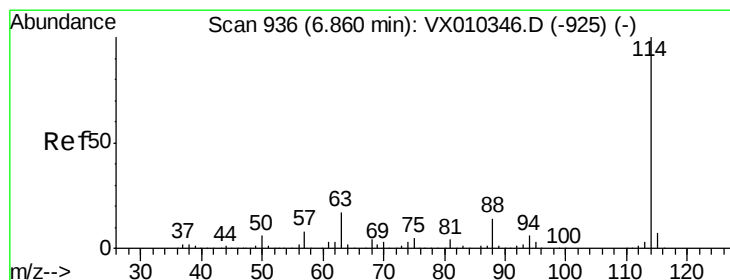
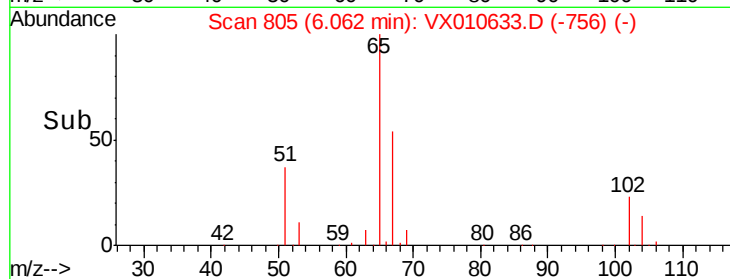
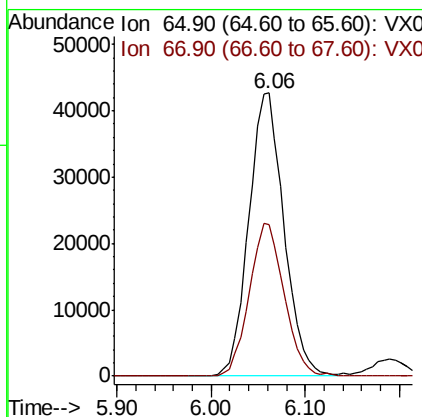
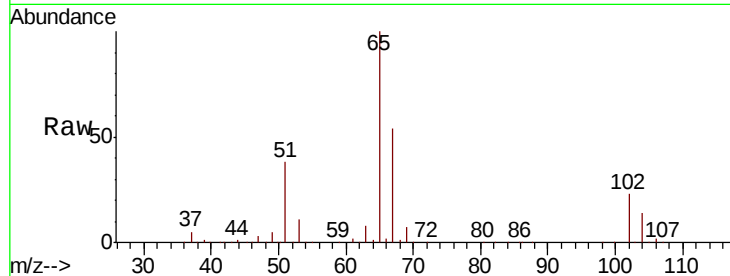




#33
 1,2-Dichloroethane-d4
 Concen: 47.536 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

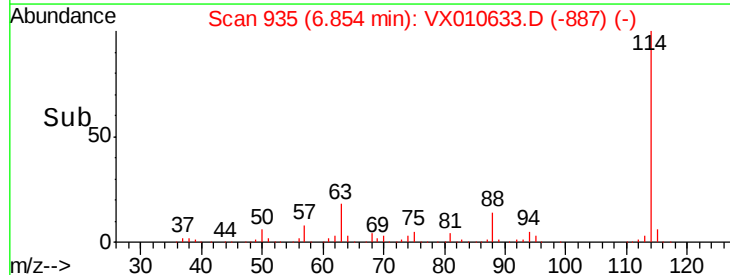
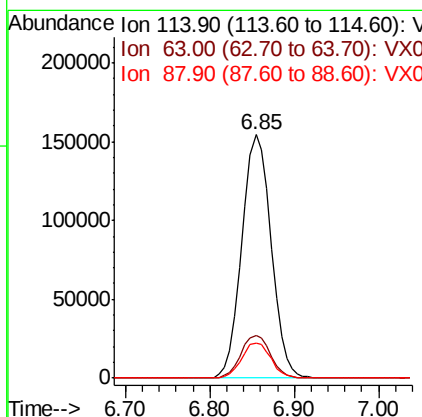
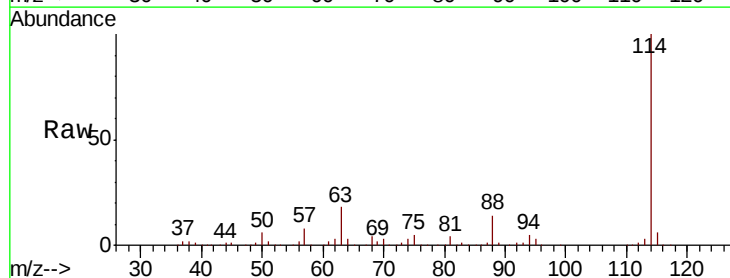
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

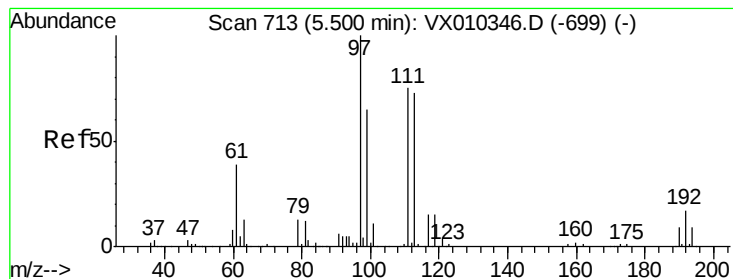
Tot Ion: 65 Resp: 111734
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 114 Resp: 362810
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

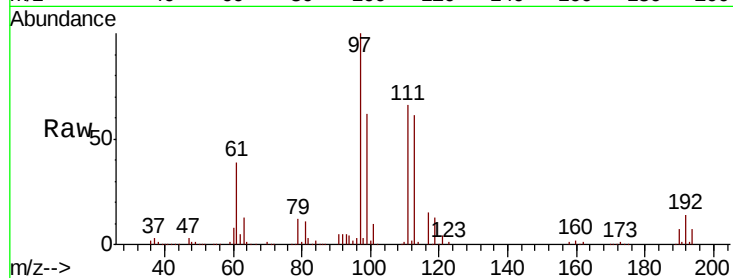
Tot Ion:113 Resp: 107371

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

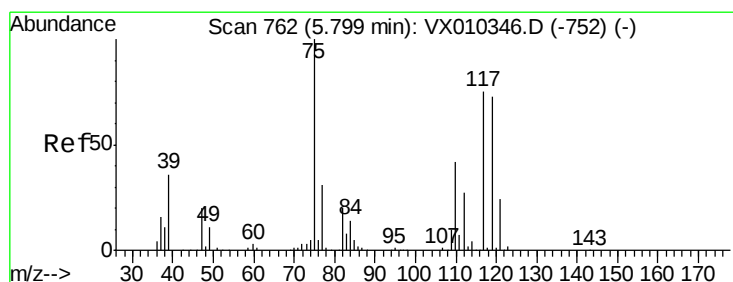
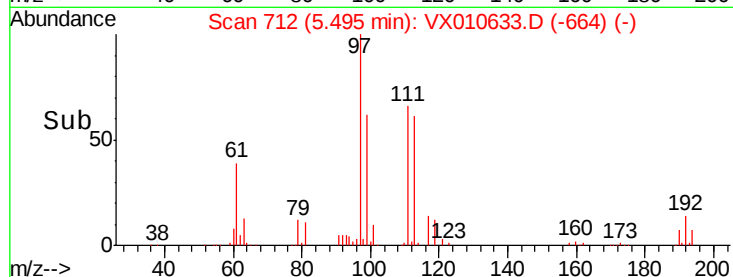
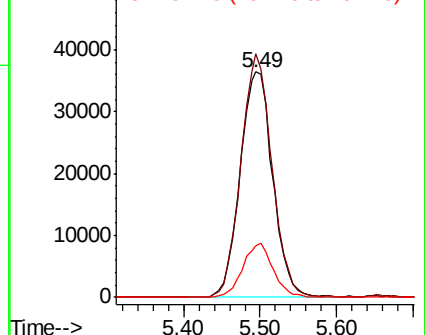
192 22.4 18.6 27.8



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: 52.783 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

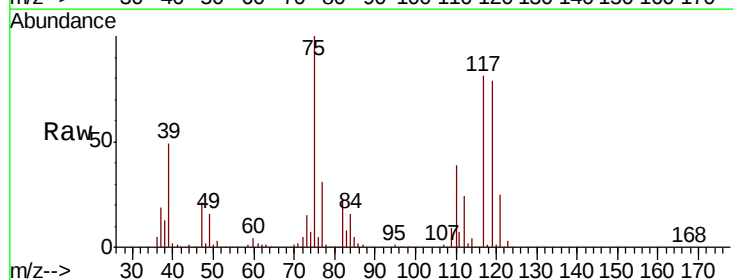
Tgt Ion: 75 Resp: 152177

Ion Ratio Lower Upper

75 100

110 40.4 20.8 62.2

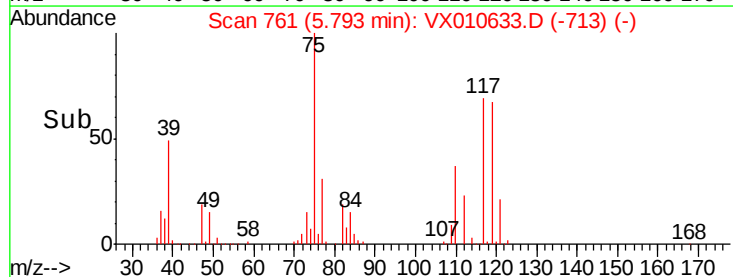
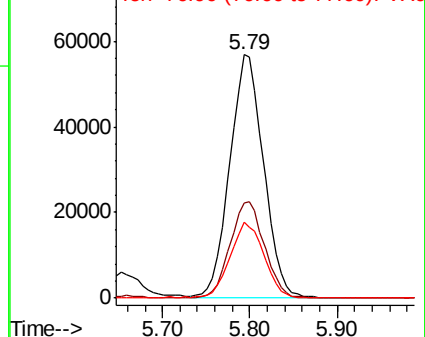
77 31.0 25.4 38.0

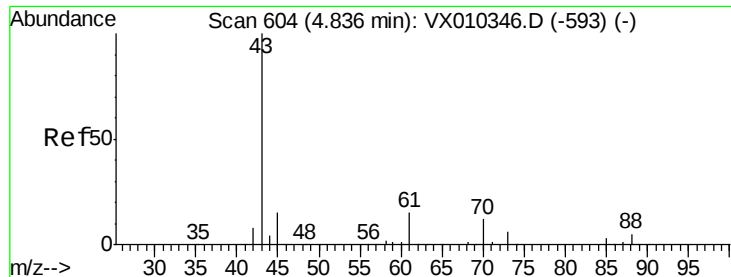


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

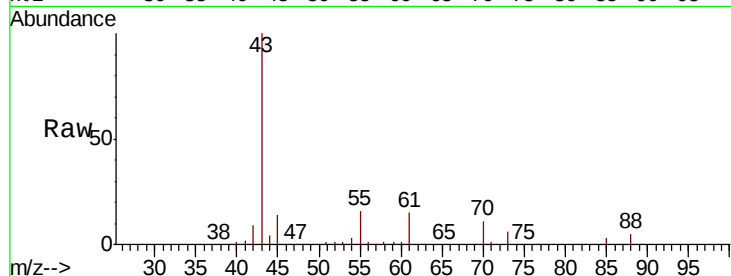




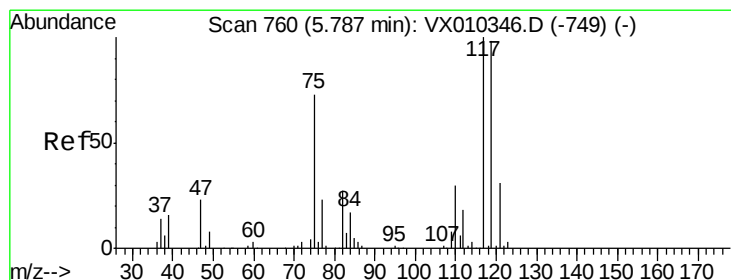
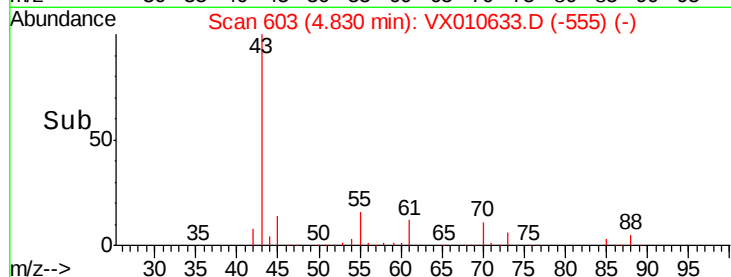
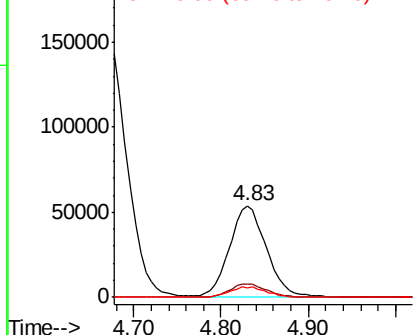
#37
Ethyl Acetate
Concen: 52.679 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 156245
Ion Ratio Lower Upper
43 100
61 14.7 12.4 18.6
70 11.7 9.8 14.8

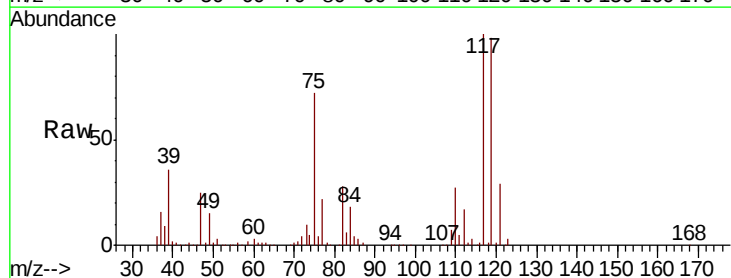


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

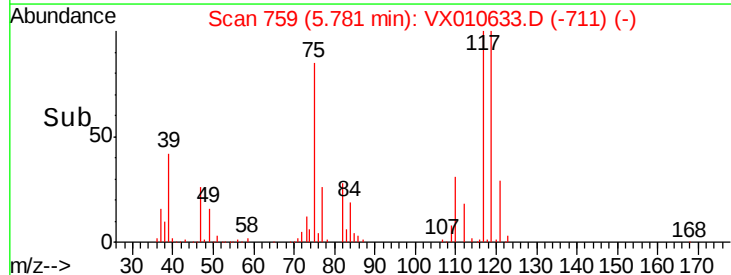
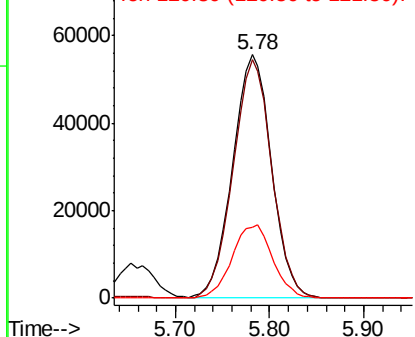


#38
Carbon Tetrachloride
Concen: 51.288 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 117 Resp: 160121
Ion Ratio Lower Upper
117 100
119 98.1 78.2 117.4
121 29.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

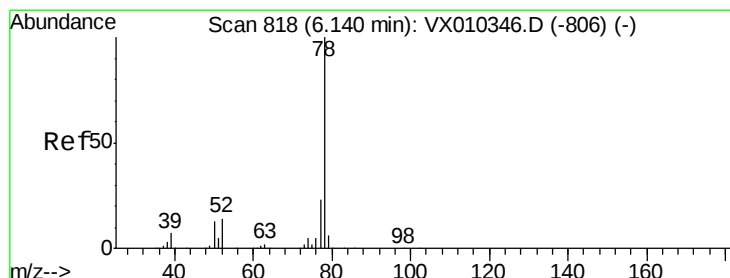
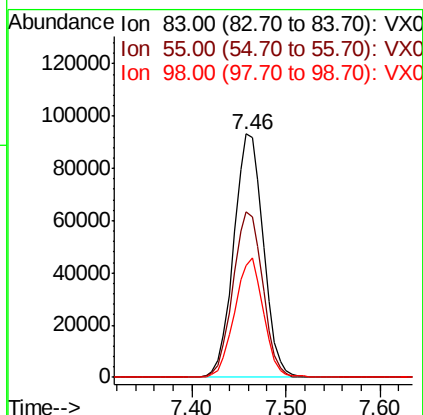
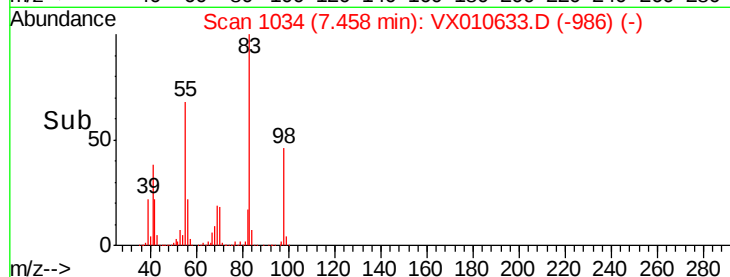
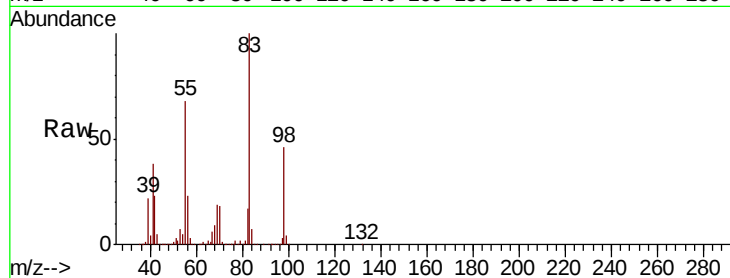




#39
Methvlcvclohexane
Concen: 53.690 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

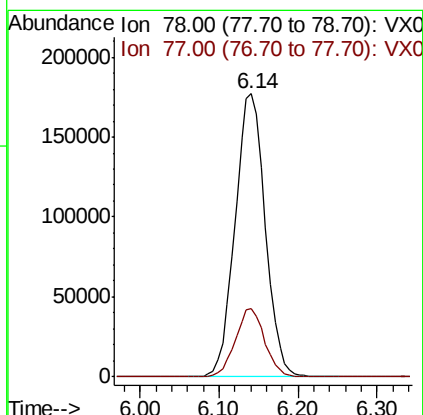
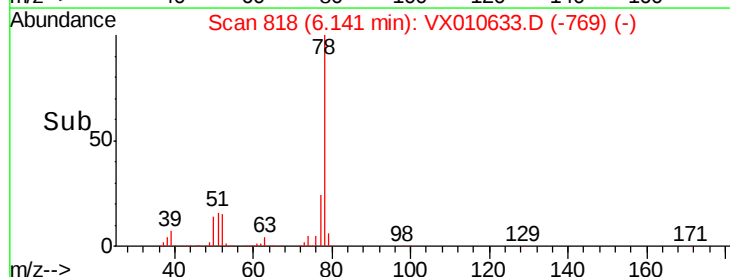
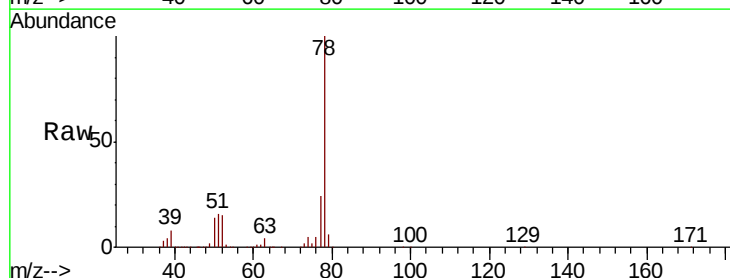
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 203470
Ion Ratio Lower Upper
83 100
55 67.9 53.0 79.6
98 46.1 37.8 56.8



#40
Benzene
Concen: 52.416 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 78 Resp: 470808
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

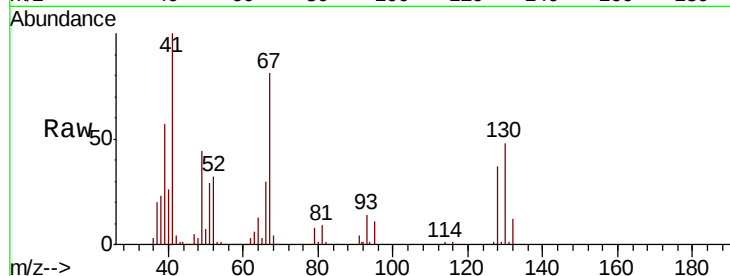




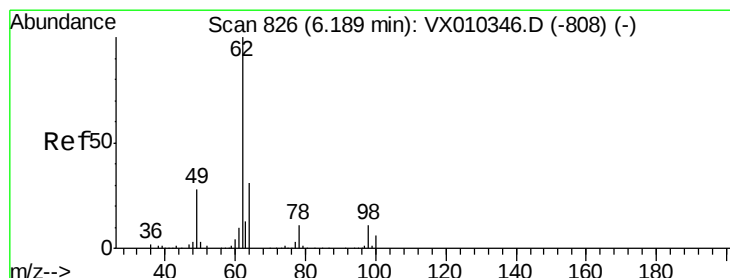
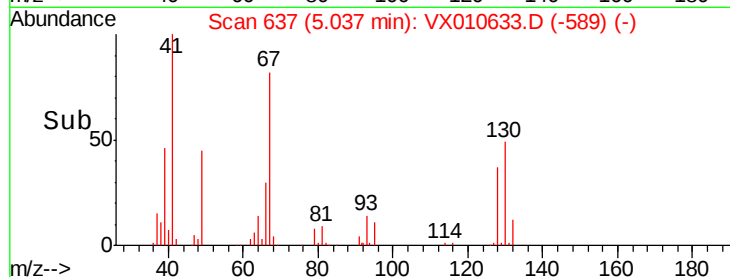
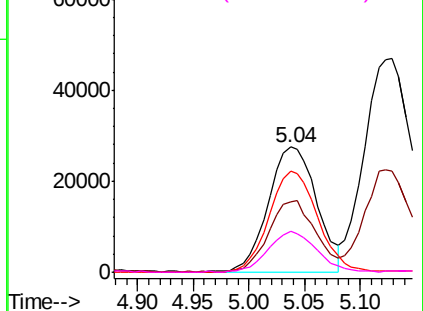
#41
Methacrylonitrile
Concen: 51.081 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 83129
Ion Ratio Lower Upper
41 100
39 55.0 43.8 65.8
67 81.7 66.6 100.0
52 32.1 24.5 36.7

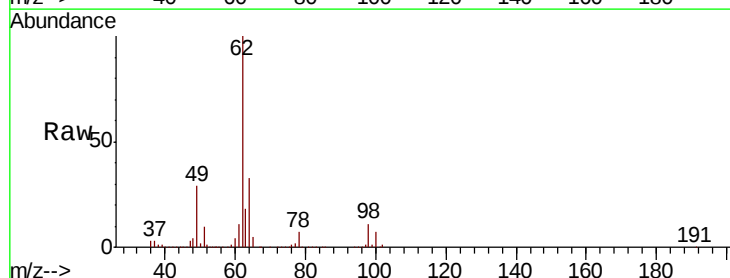


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

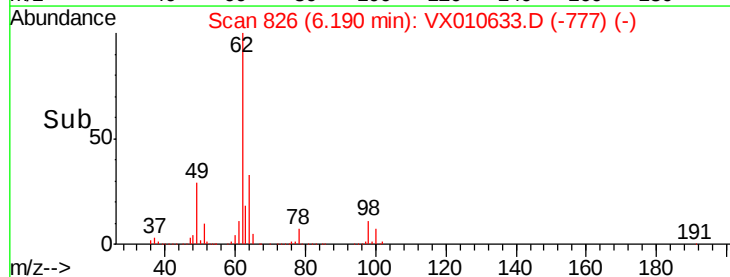
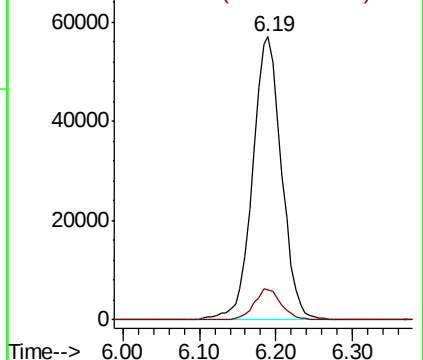


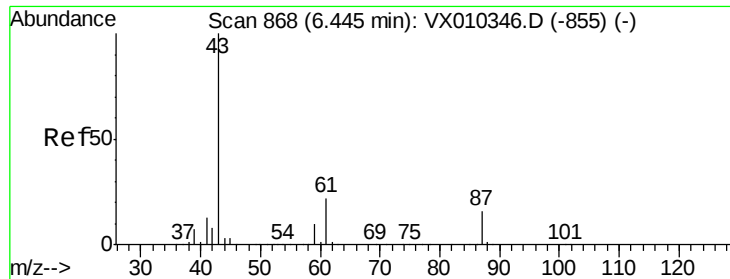
#42
1,2-Dichloroethane
Concen: 55.177 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 62 Resp: 150865
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



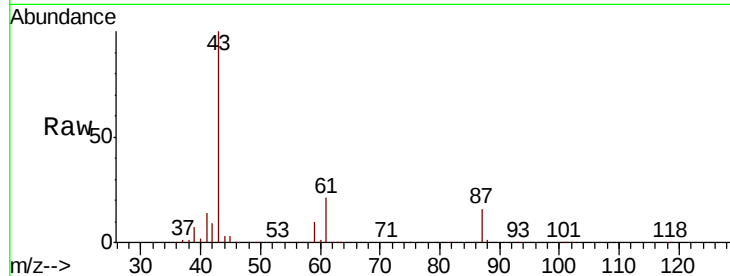


#43

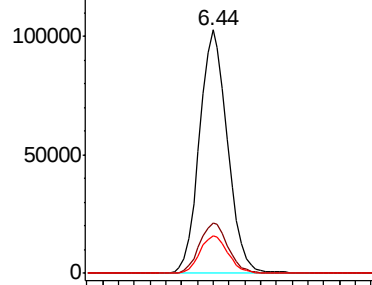
Isopropyl Acetate
 Concen: 51.589 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

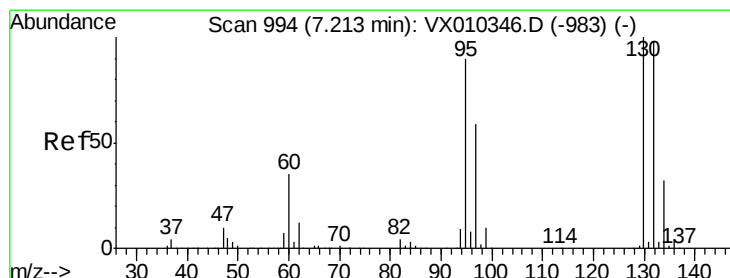
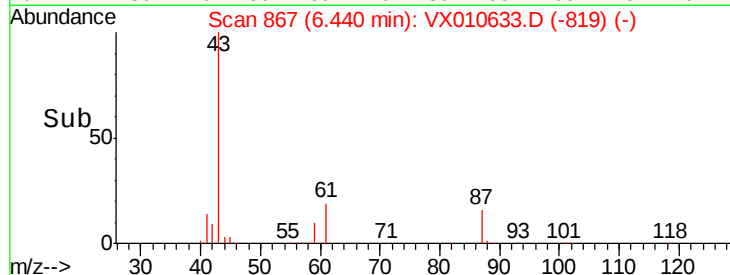
Tot Ion: 43 Resp: 253158
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.7 13.0 19.4



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



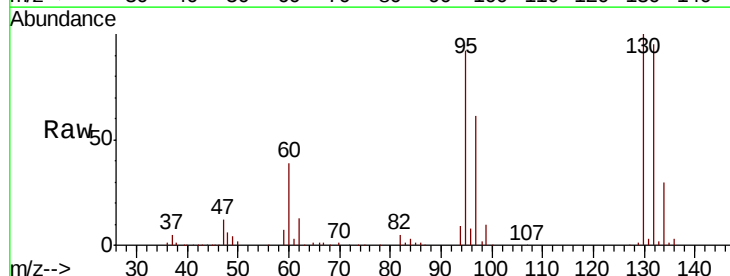
Time-->



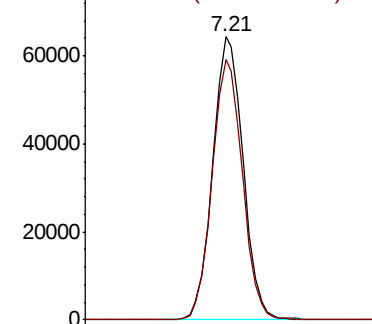
#44

Trichloroethene
 Concen: 51.395 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

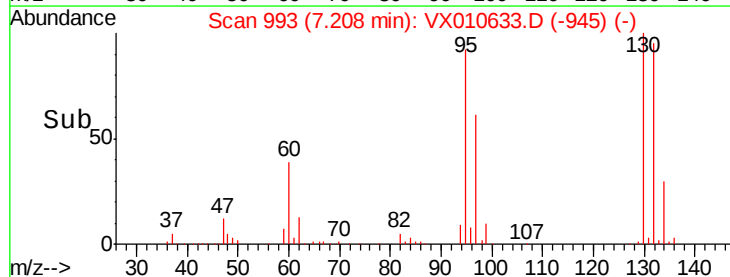
Tgt Ion: 130 Resp: 138135
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 180.8

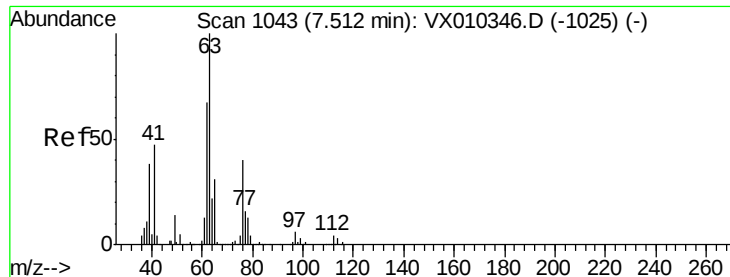


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 51.853 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

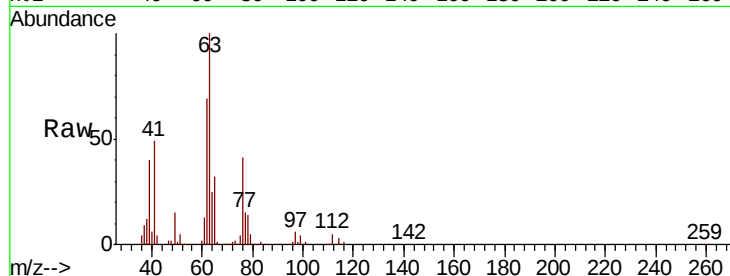
VSTDCCC050

Tot Ion: 63 Resp: 117615

Ion Ratio Lower Upper

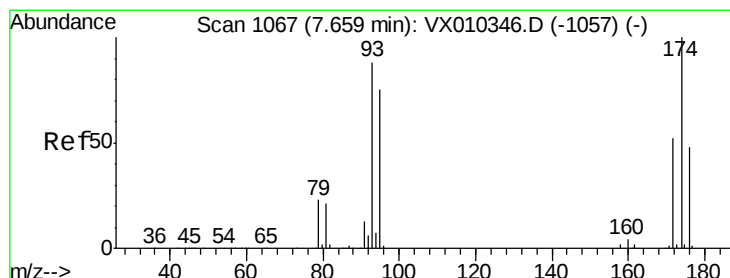
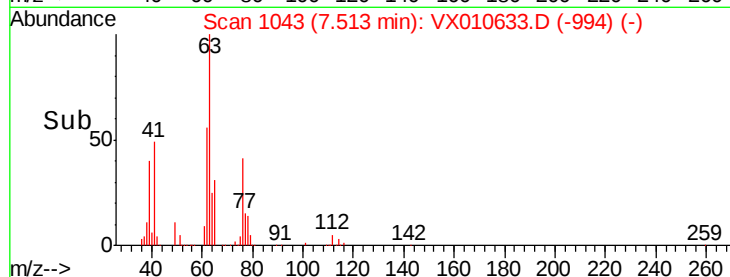
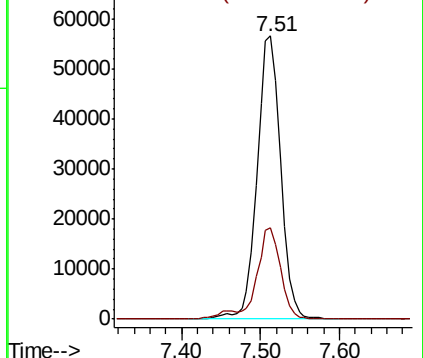
63 100

65 32.1 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: 51.758 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

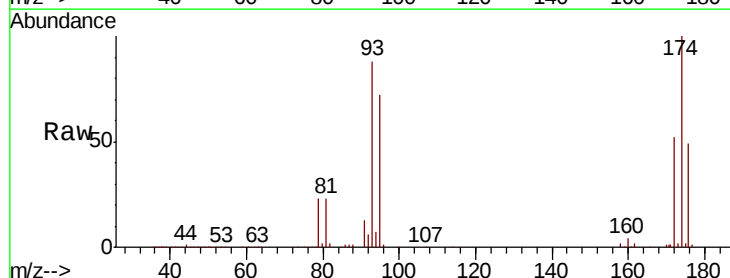
Tgt Ion: 93 Resp: 84231

Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

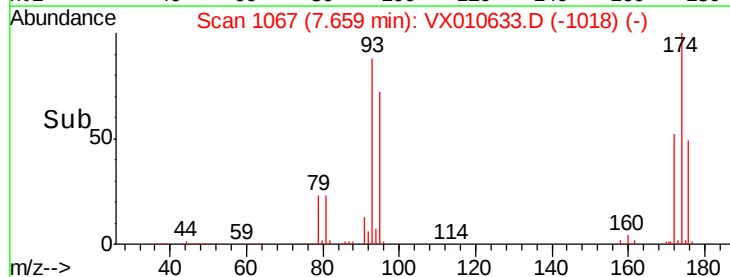
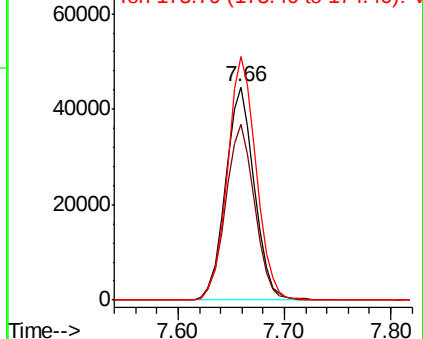
174 114.6 95.8 143.6

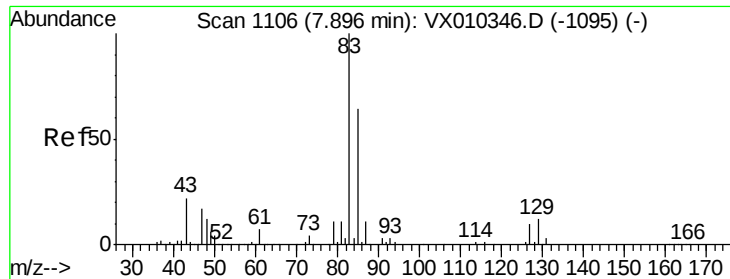


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.880 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

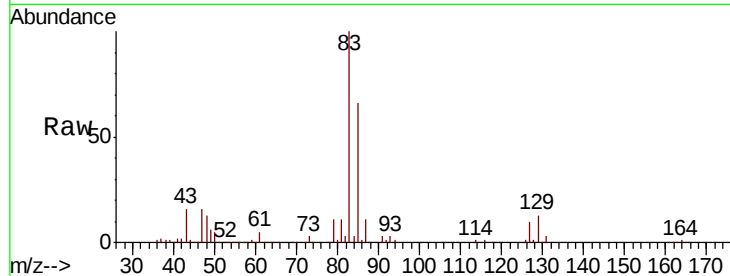
Tot Ion: 83 Resp: 154728

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3

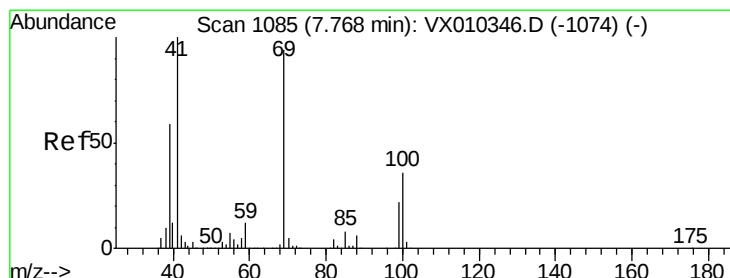
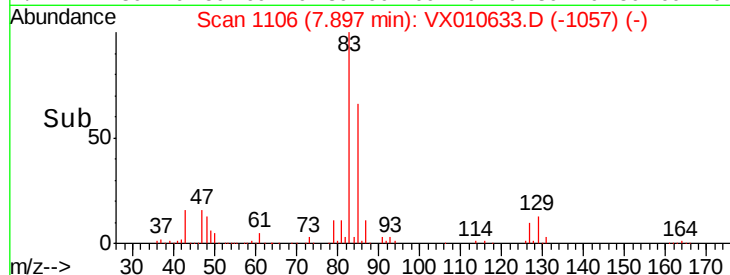
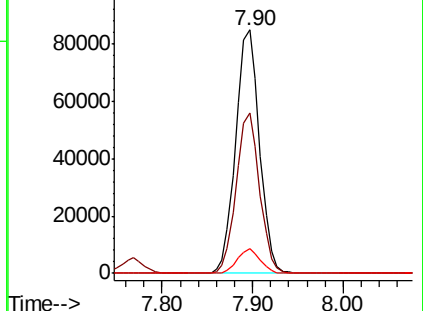
127 9.9 7.8 11.8



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: 52.939 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

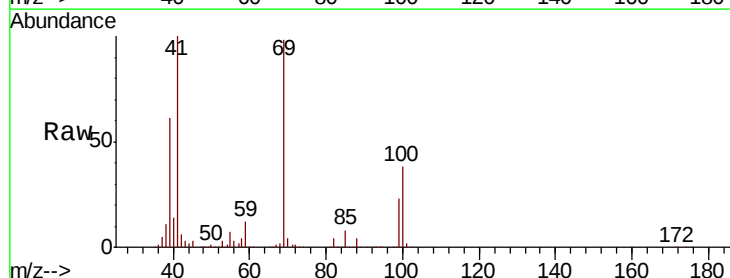
Tgt Ion: 41 Resp: 120750

Ion Ratio Lower Upper

41 100

69 93.3 76.1 114.1

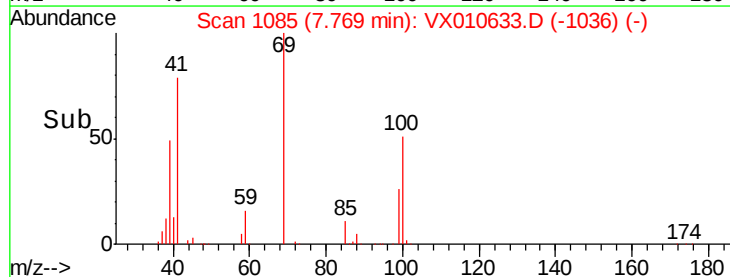
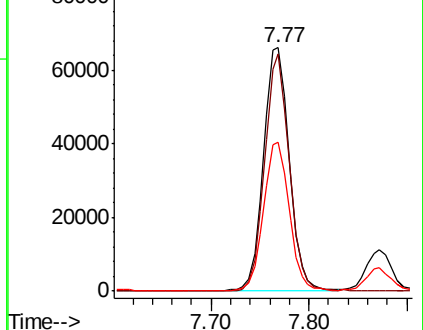
39 60.8 47.6 71.4

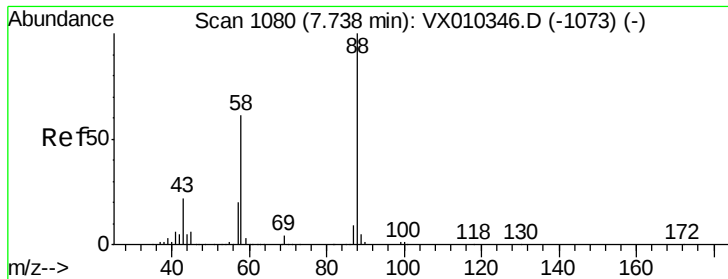


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

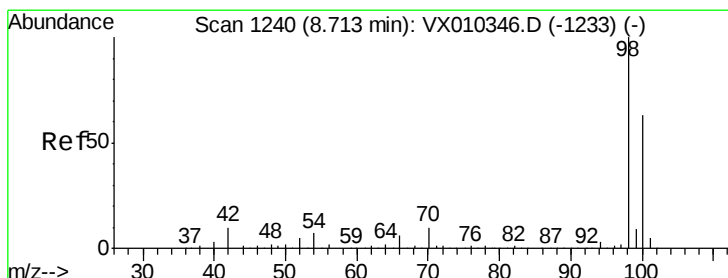
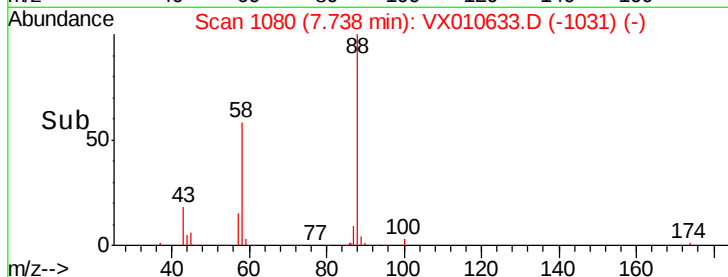
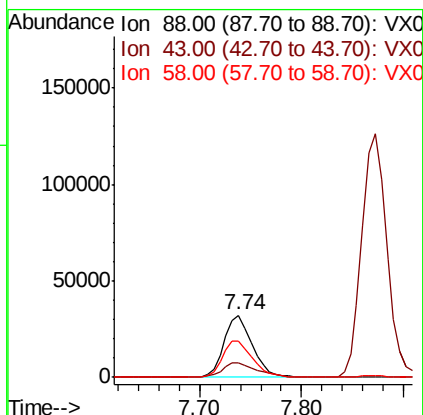
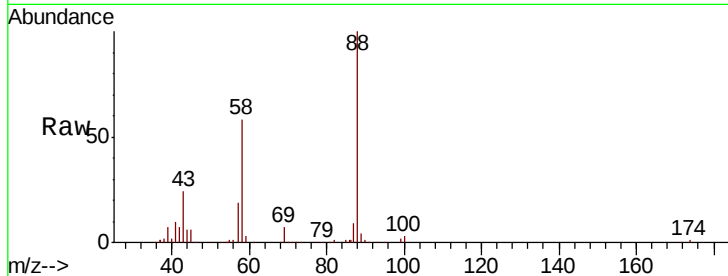




#49
1,4-Dioxane
Concen: 937.437 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

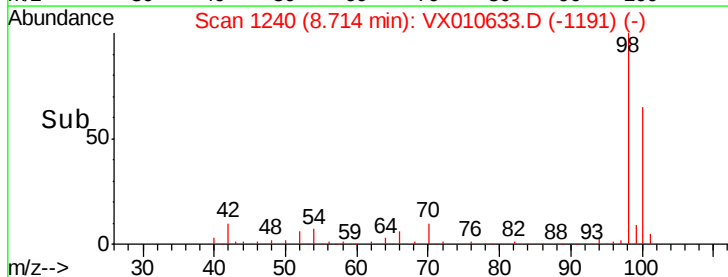
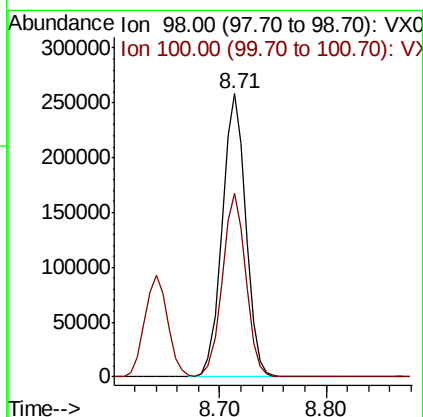
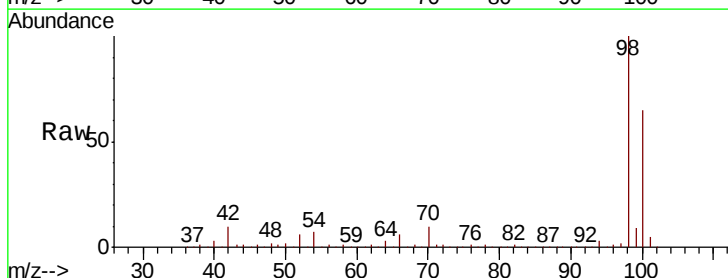
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	61597
Ion	Ratio	Lower	Upper
88	100		
43	27.6	20.2	30.2
58	63.3	49.5	74.3



#50
Toluene-d8
Concen: 47.071 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	98	Resp	399755
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

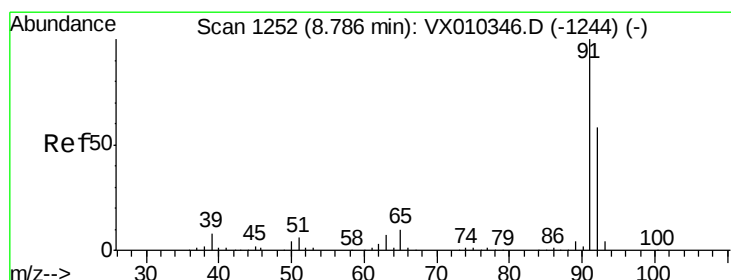
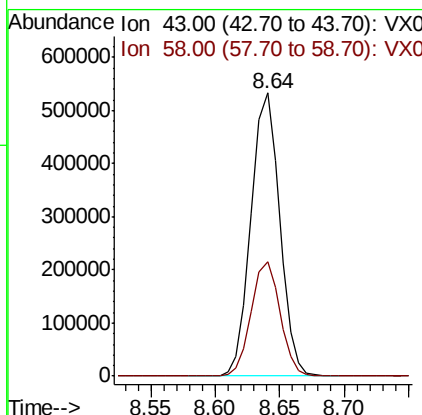
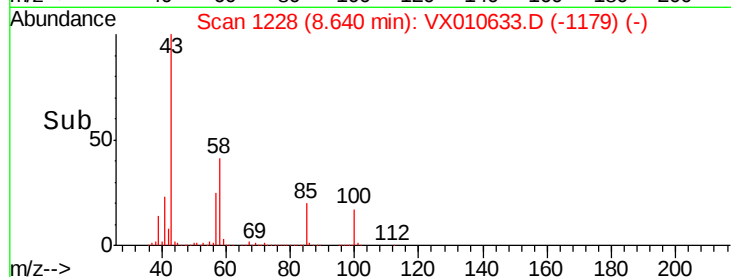
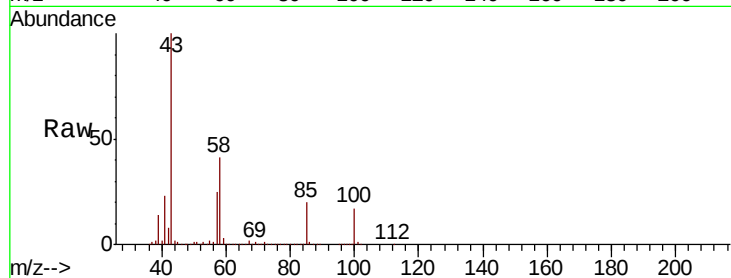




#51
 4-Methyl-2-Pentanone
 Concen: 260.994 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

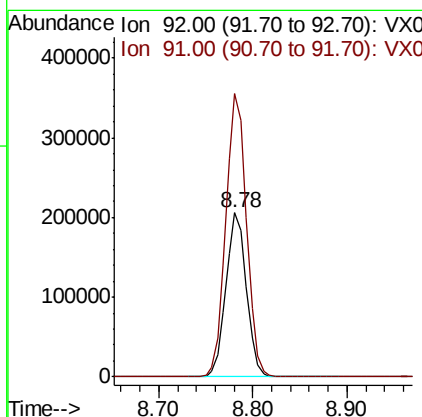
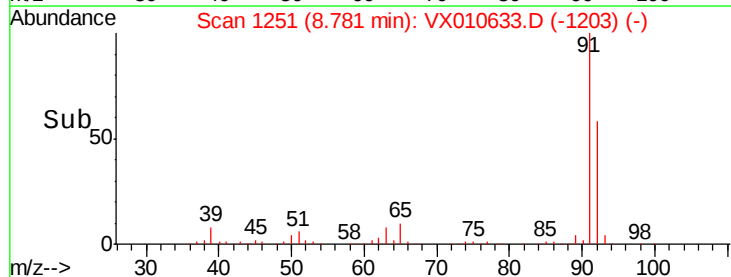
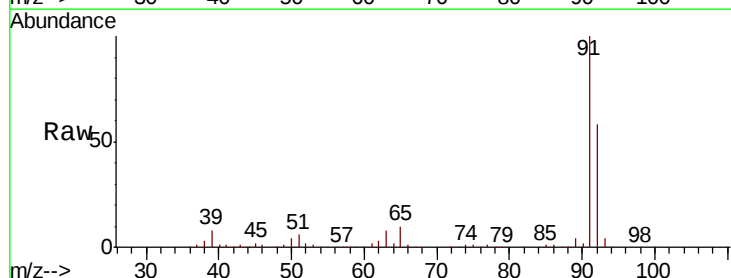
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

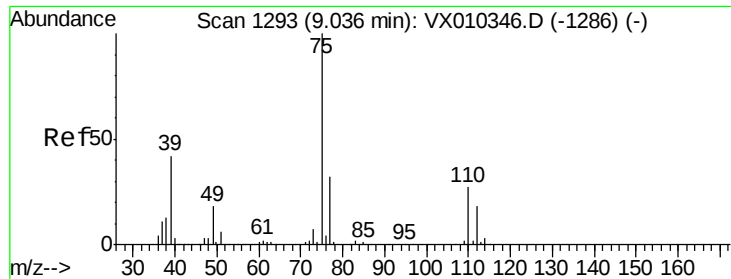
Tot Ion: 43 Resp: 819119
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3



#52
 Toluene
 Concen: 52.234 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 92 Resp: 308967
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.8 209.6

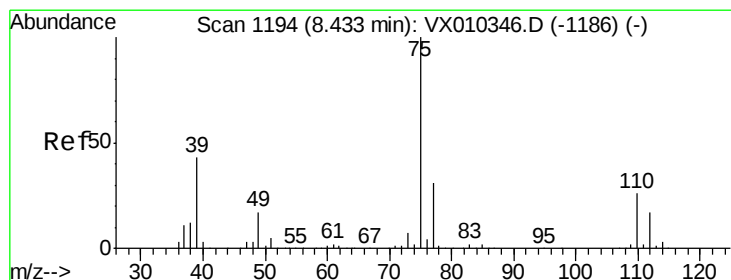
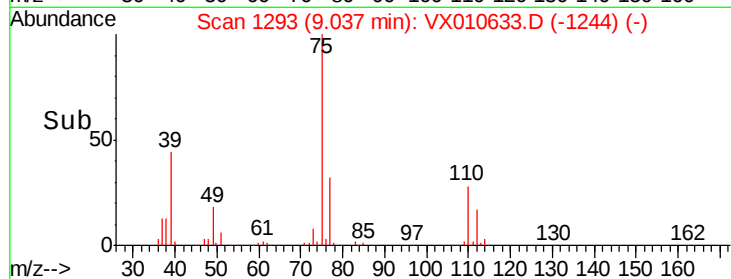
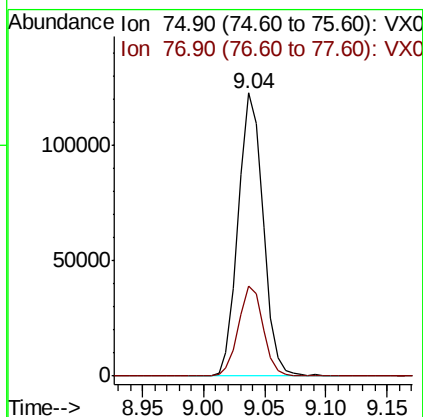
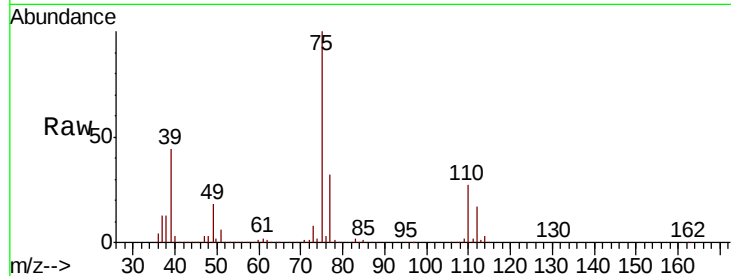




#53
t-1,3-Dichloropropene
Concen: 51.670 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

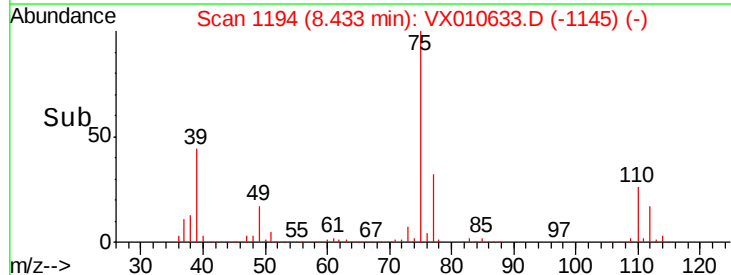
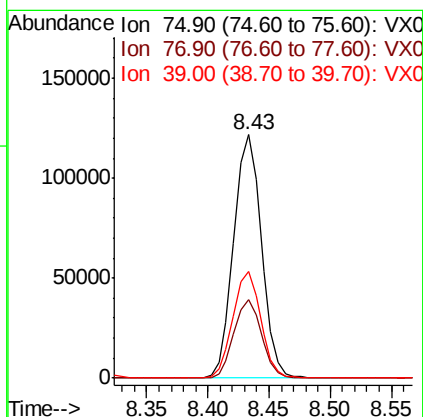
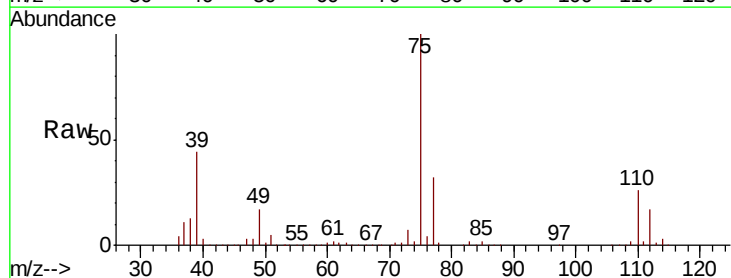
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

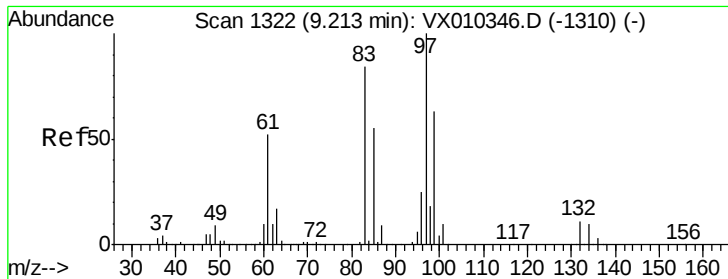
Tot Ion: 75 Resp: 172770
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.583 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 75 Resp: 191072
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 43.7 34.5 51.7

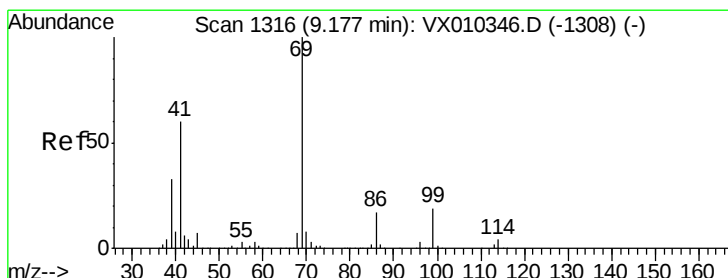
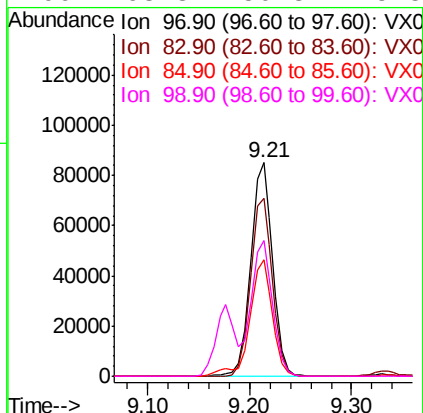
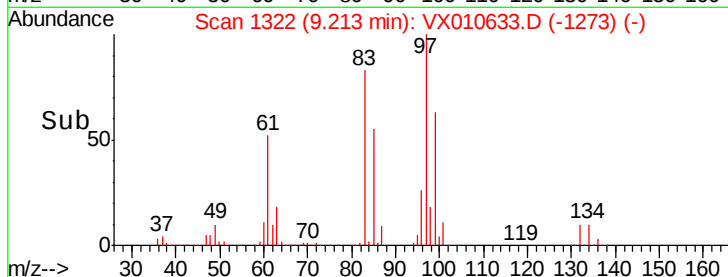
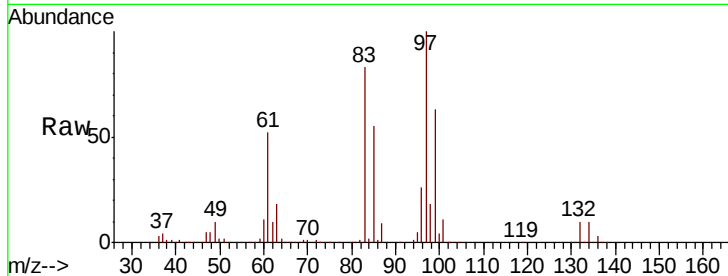




#55
 1,1,2-Trichloroethane
 Concen: 52.211 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

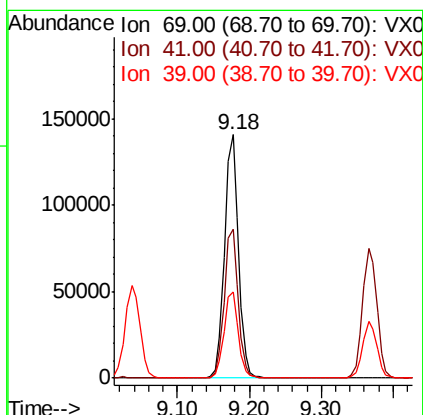
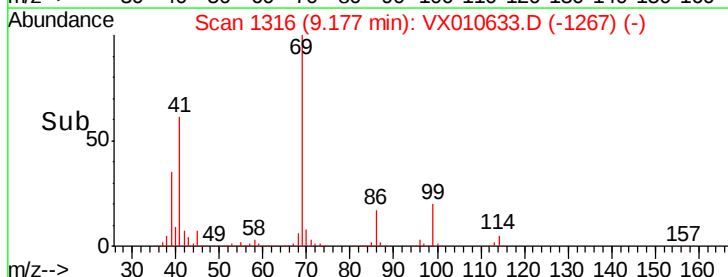
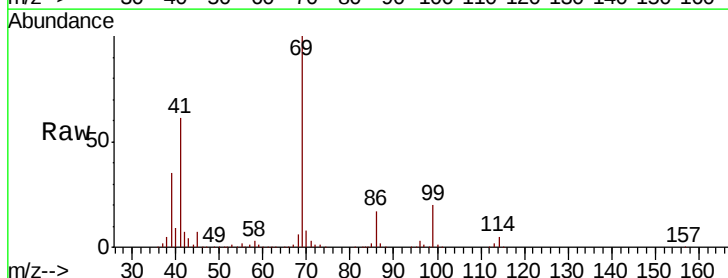
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

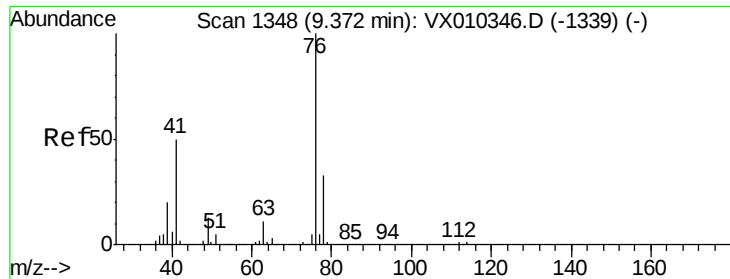
Tot Ion:	97	Resp:	127370
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.4	101.0
85	54.6	43.8	65.8
99	63.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 51.408 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion:	69	Resp:	189979
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	36.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 52.592 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

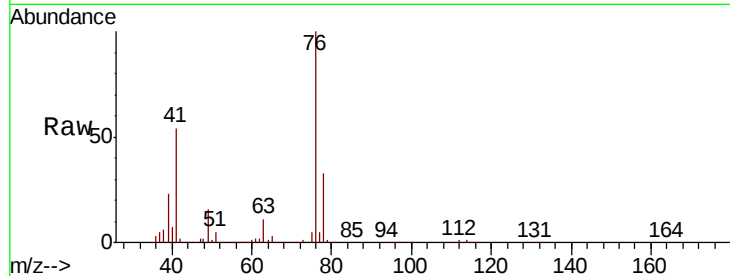
VSTDCCC050

Tot Ion: 76 Resp: 199160

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

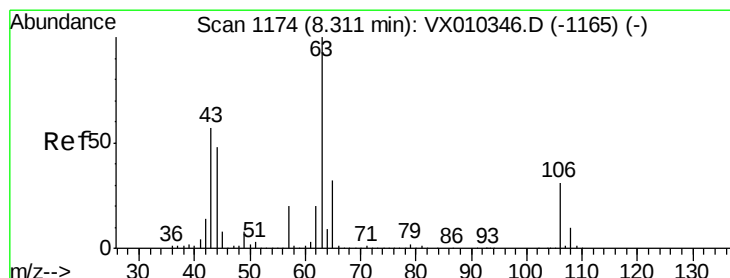
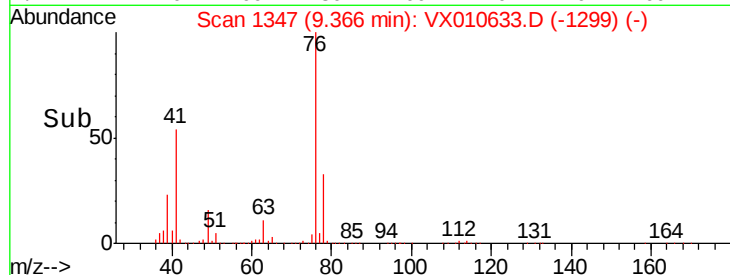
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 236.956 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010633.D

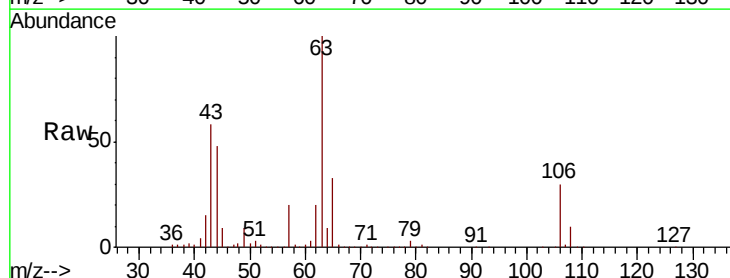
Acq: 03 Jul 2019 12:20

Tgt Ion: 63 Resp: 415884

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

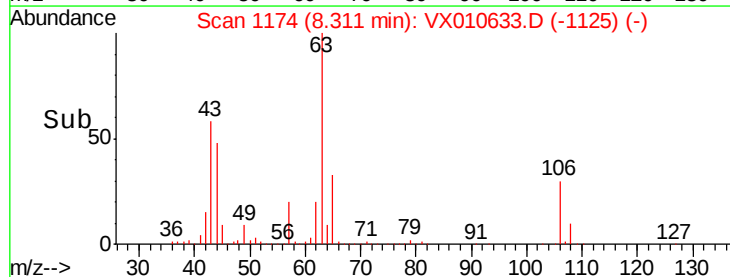
100000

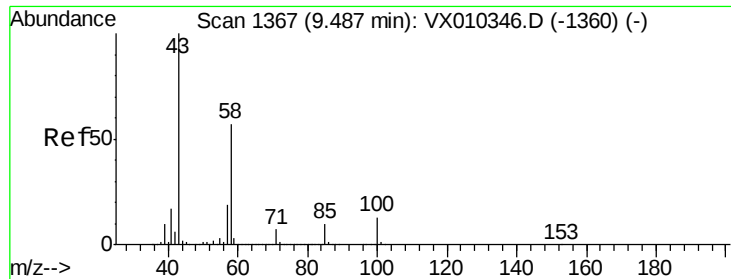
50000

0

Time-->

8.20 8.25 8.30 8.35 8.40

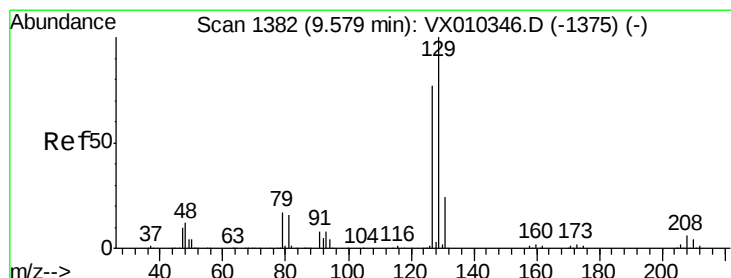
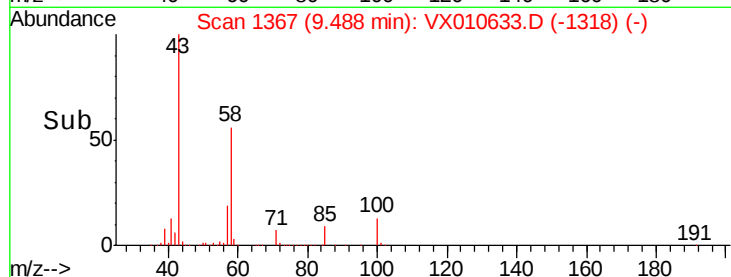
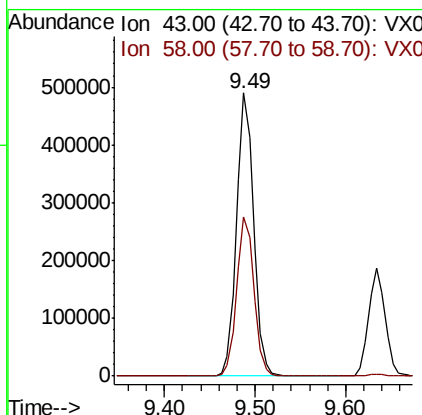
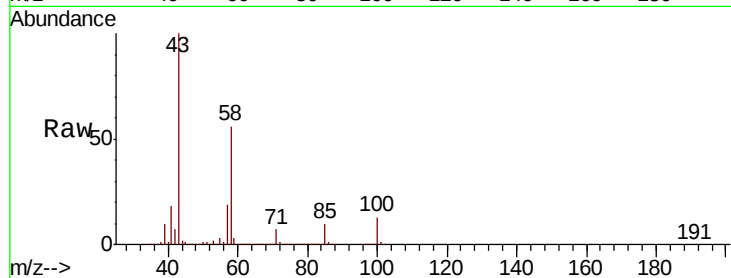




#59
2-Hexanone
Concen: 259.433 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

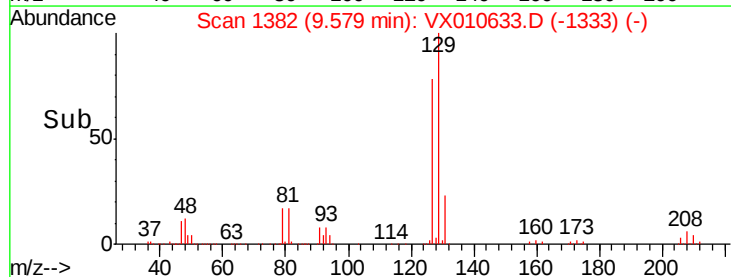
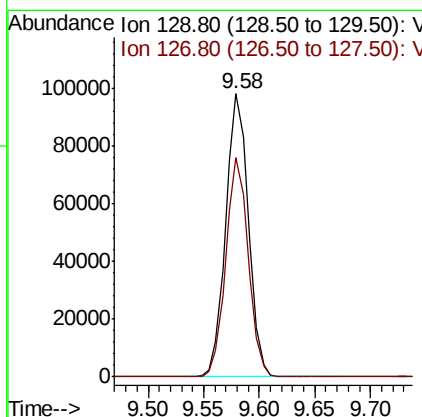
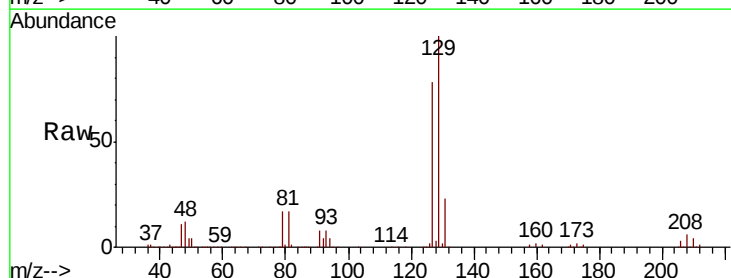
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 640819
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.1



#60
Dibromochloromethane
Concen: 50.651 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 129 Resp: 138350
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.417 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

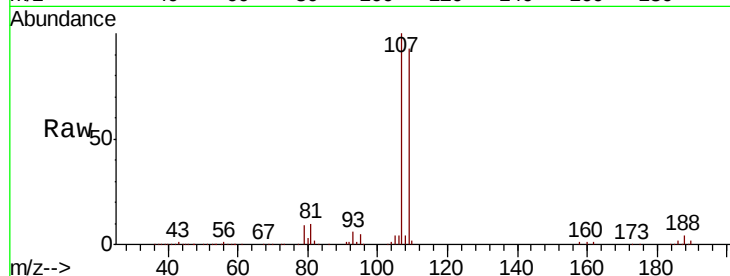
VSTDCCC050

Tot Ion:107 Resp: 138022

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

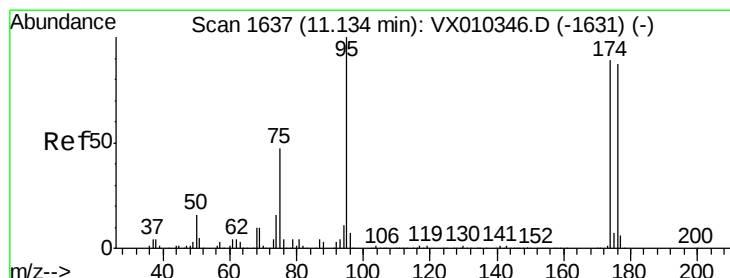
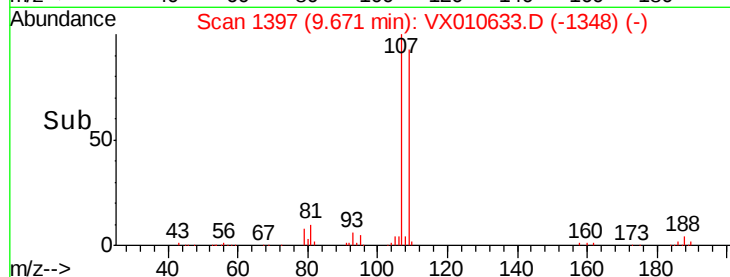
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.719 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

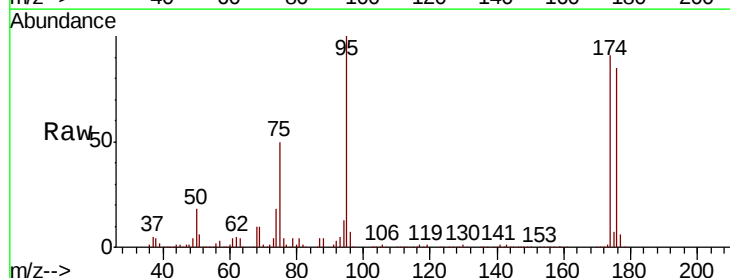
Tgt Ion: 95 Resp: 146309

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

176 90.3 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

11.13

150000

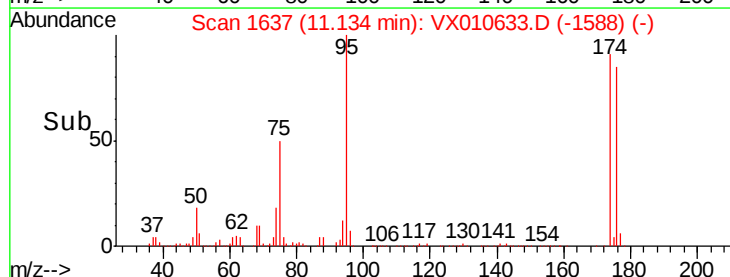
100000

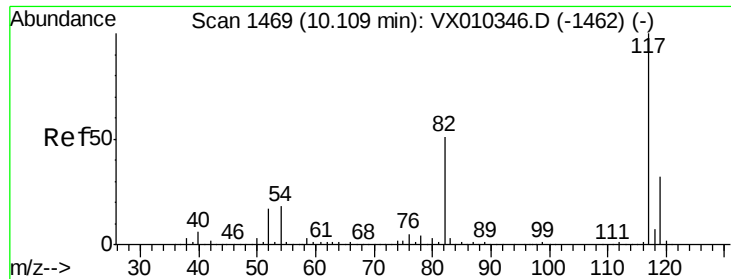
50000

0

11.10 11.20

Time-->

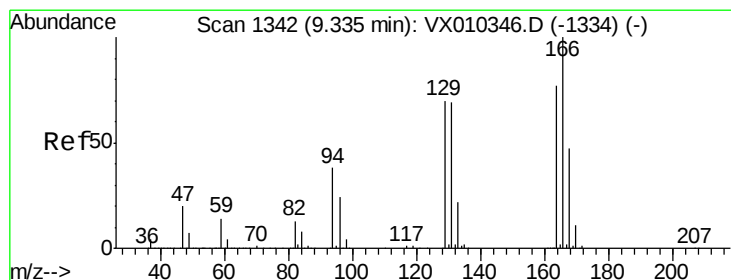
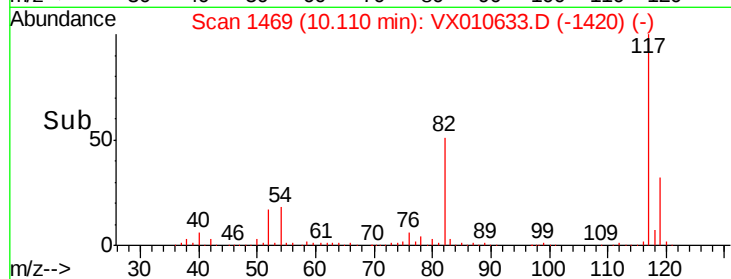
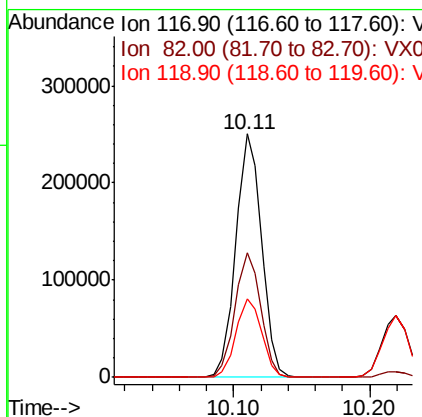
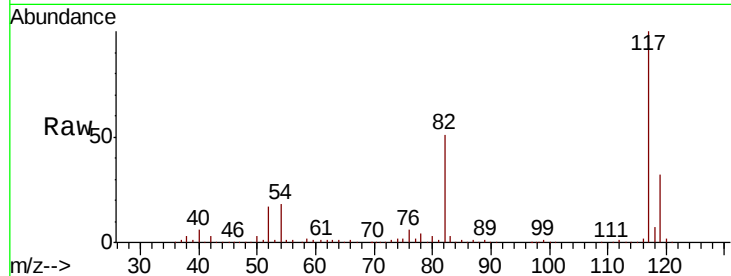




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

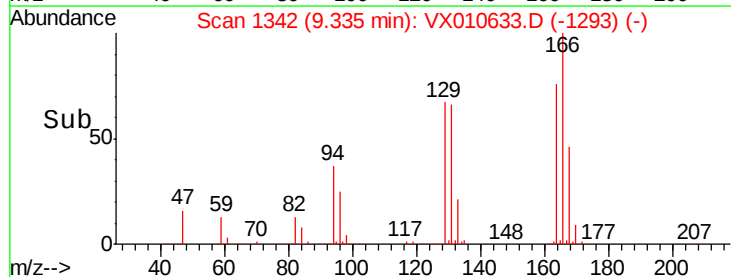
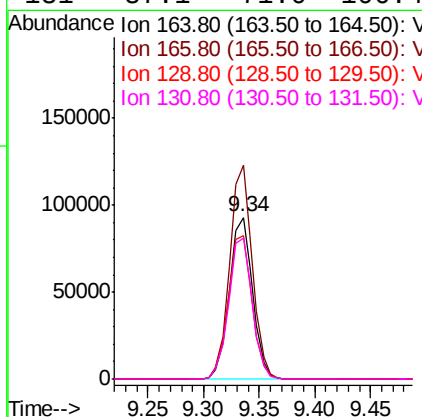
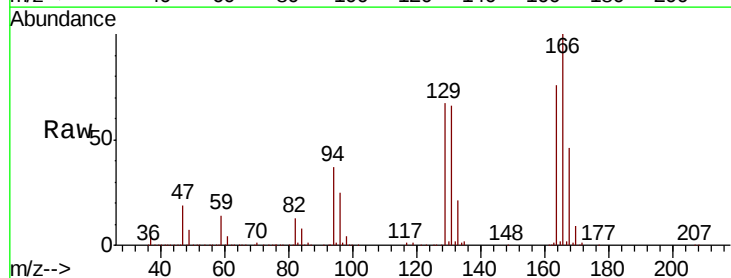
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

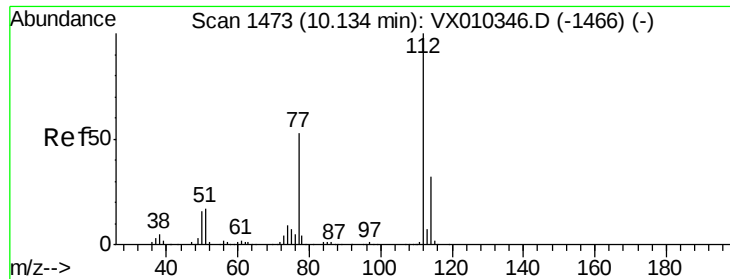
Tot Ion:117 Resp: 330007
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 50.221 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion:164 Resp: 134048
Ion Ratio Lower Upper
164 100
166 132.0 103.6 155.4
129 88.7 73.0 109.4
131 87.1 71.0 106.4

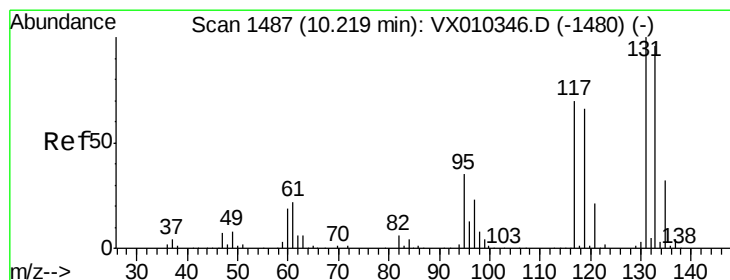
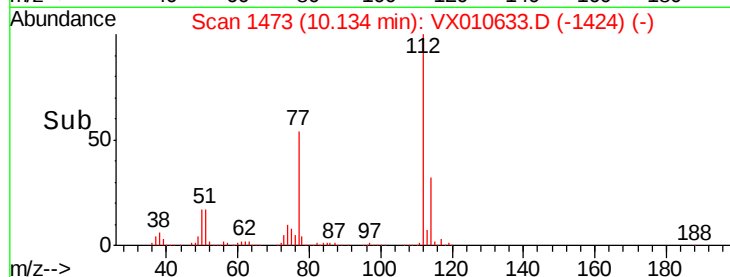
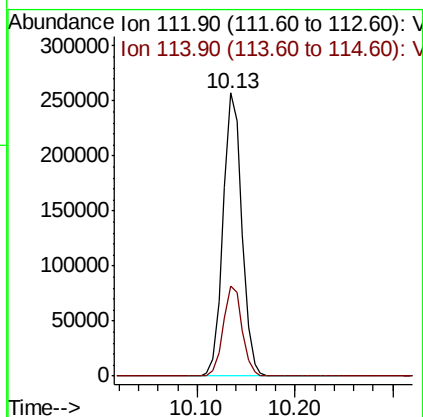
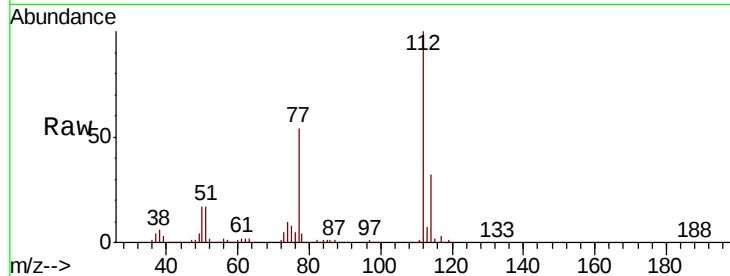




#65
Chlorobenzene
Concen: 51.205 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

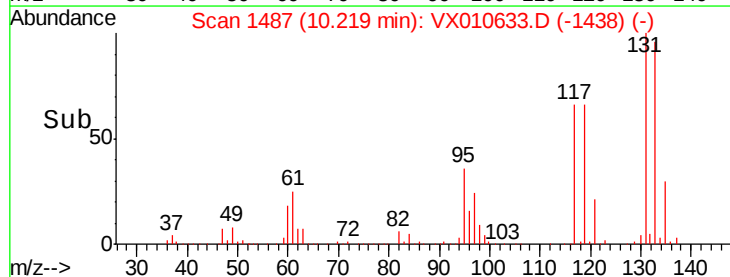
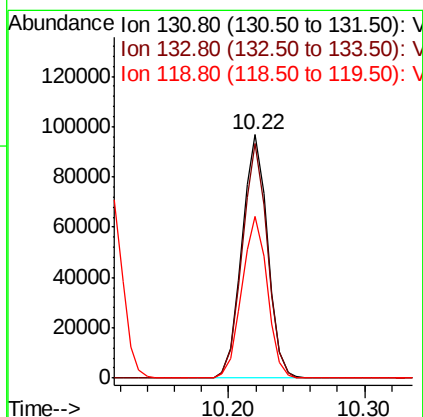
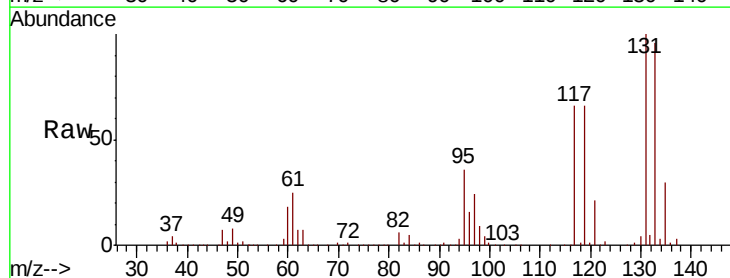
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

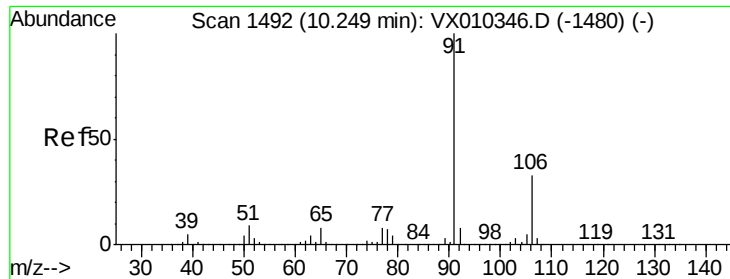
Tot Ion:112 Resp: 343064
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.174 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion:131 Resp: 127326
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 53.069 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

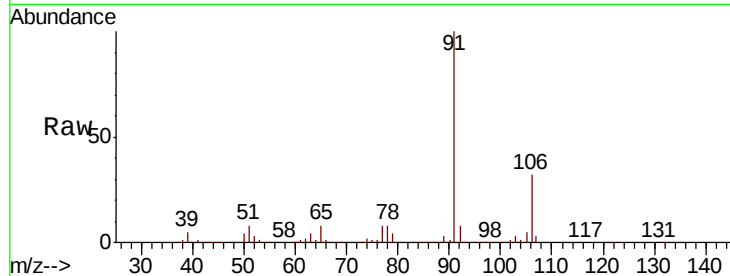
VSTDCCC050

Tot Ion: 91 Resp: 600245

Ion Ratio Lower Upper

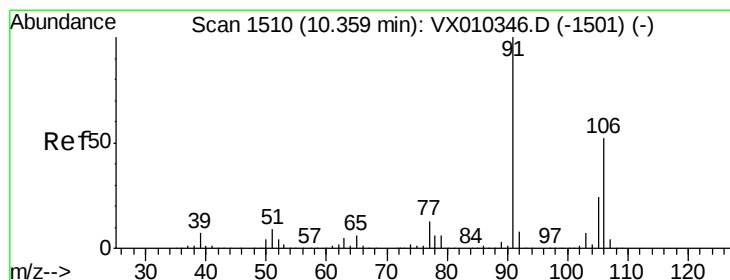
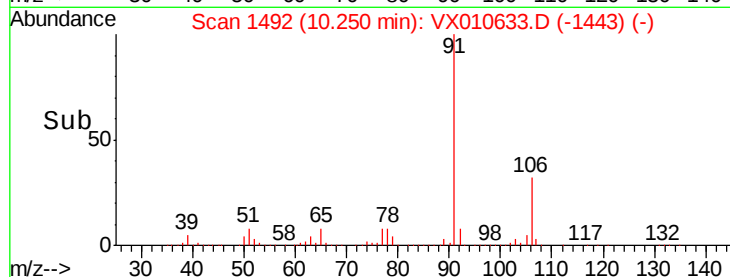
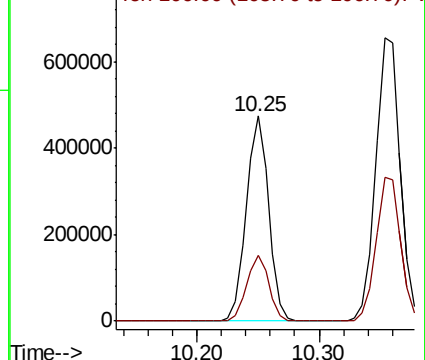
91 100

106 32.3 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.359 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010633.D

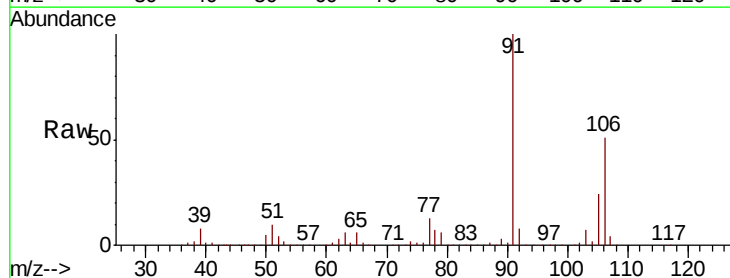
Acq: 03 Jul 2019 12:20

Tgt Ion: 106 Resp: 466129

Ion Ratio Lower Upper

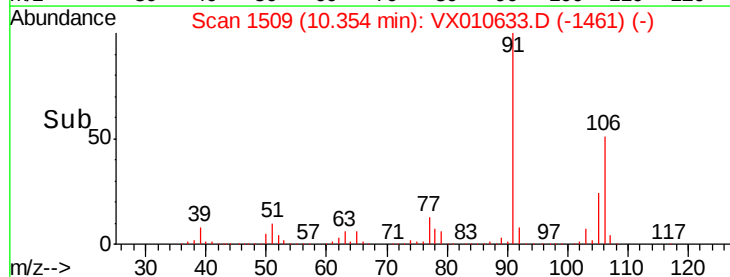
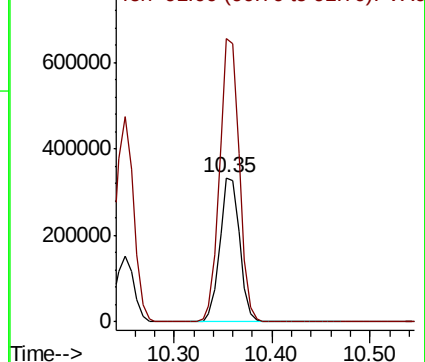
106 100

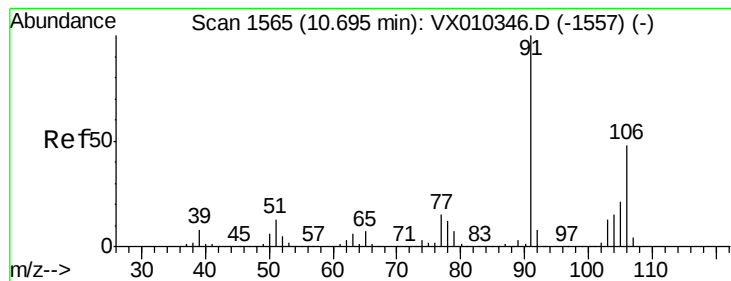
91 195.4 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 51.736 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

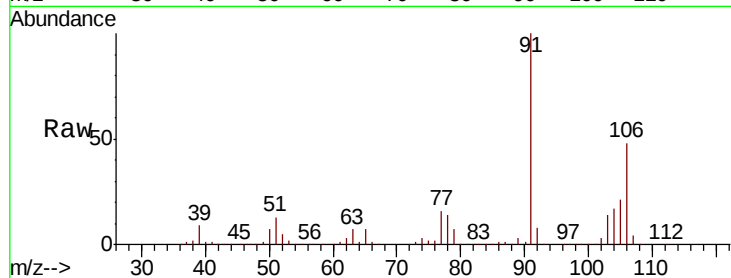
VSTDCCC050

Tot Ion:106 Resp: 222976

Ion Ratio Lower Upper

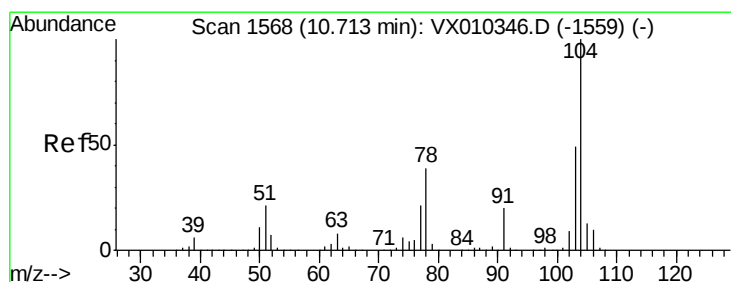
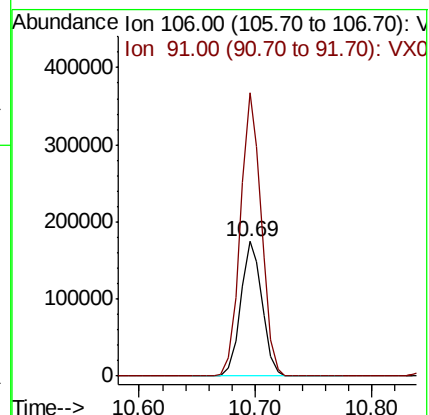
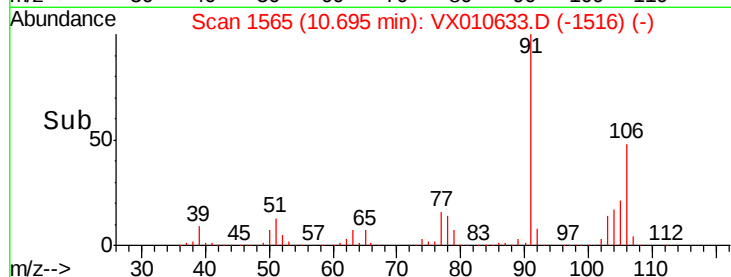
106 100

91 206.2 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 52.830 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

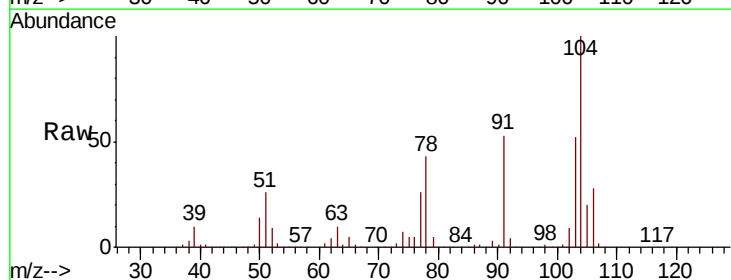
Tgt Ion:104 Resp: 381850

Ion Ratio Lower Upper

104 100

78 47.0 36.2 54.2

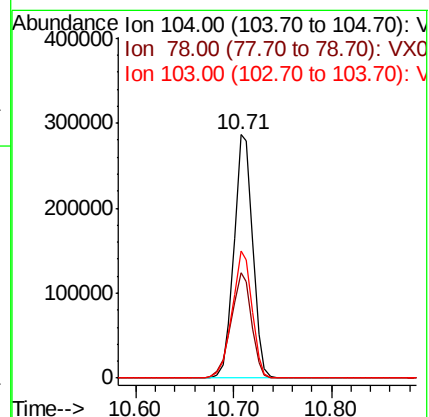
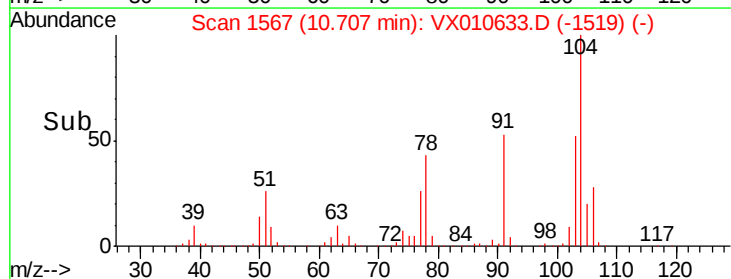
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.859 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

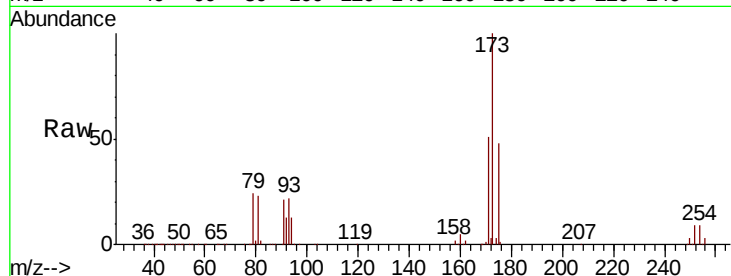
Tot Ion:173 Resp: 105813

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

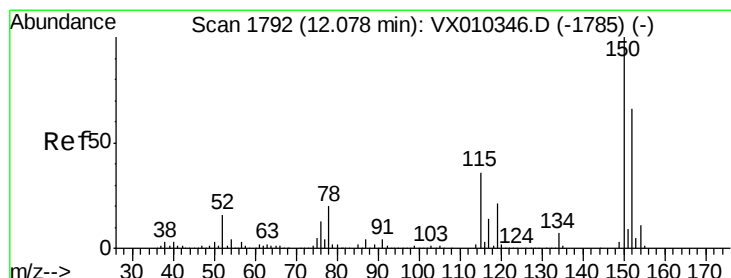
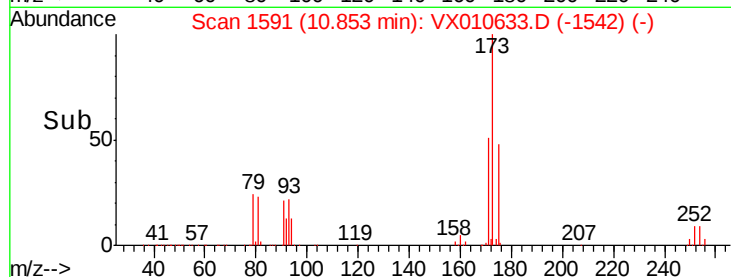
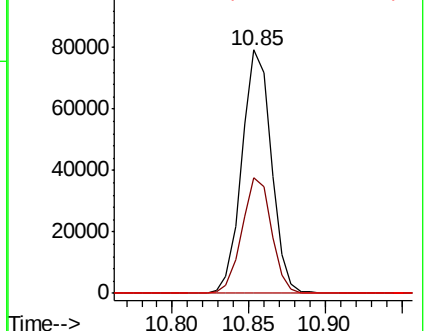
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

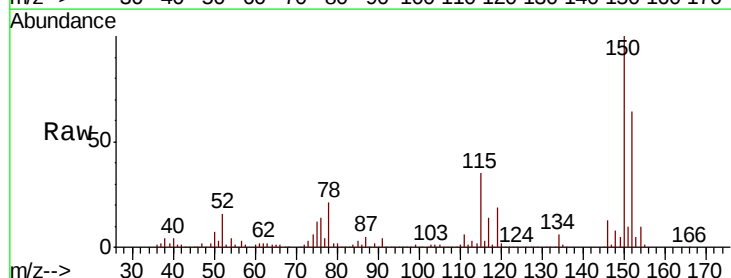
Tgt Ion:152 Resp: 173809

Ion Ratio Lower Upper

152 100

115 79.5 38.6 115.7

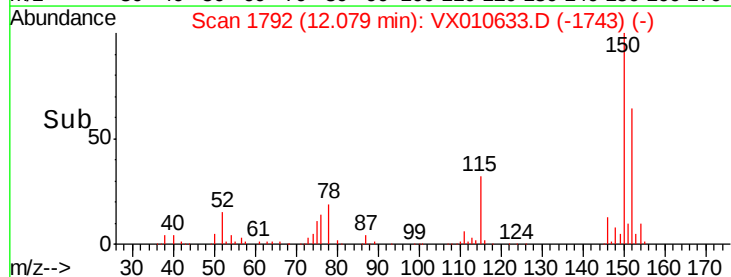
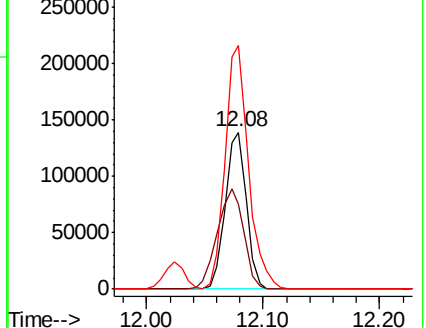
150 172.4 0.0 347.4

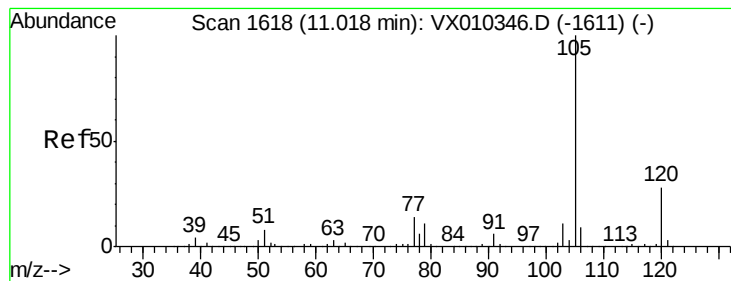


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.334 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

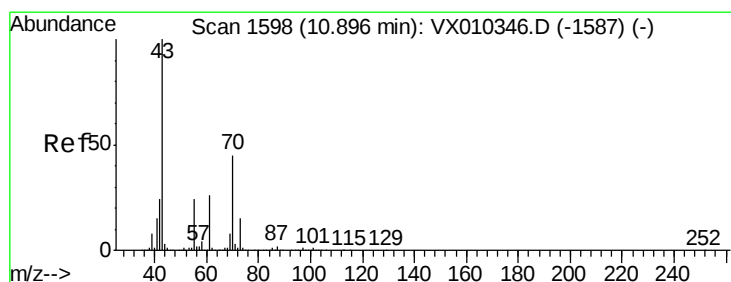
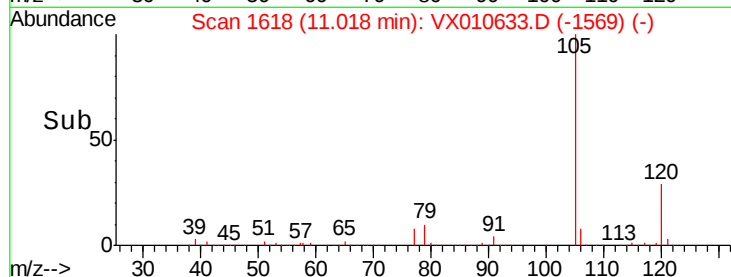
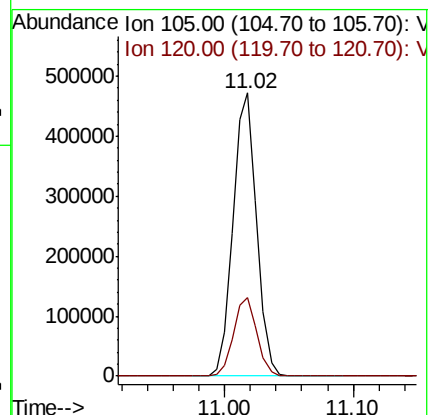
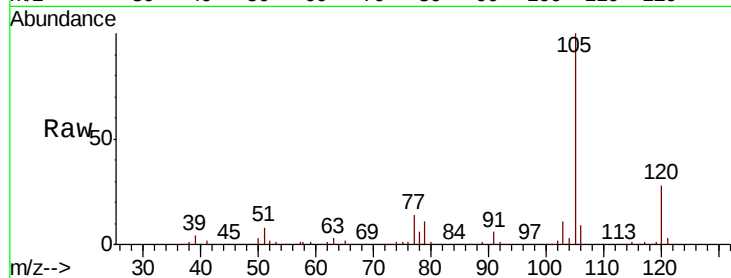
VSTDCCC050

Tot Ion:105 Resp: 604823

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



#74

N-ethyl acetate

Concen: 51.642 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion: 43 Resp: 229946

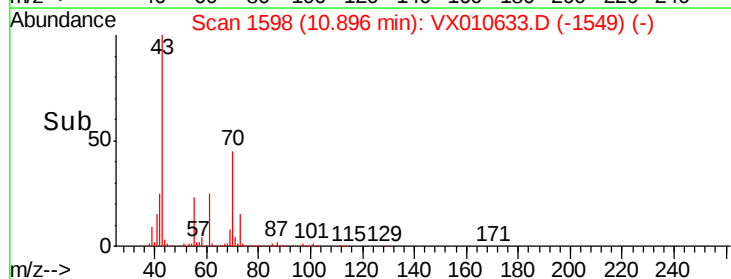
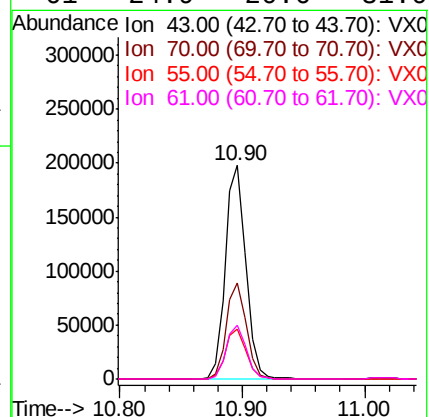
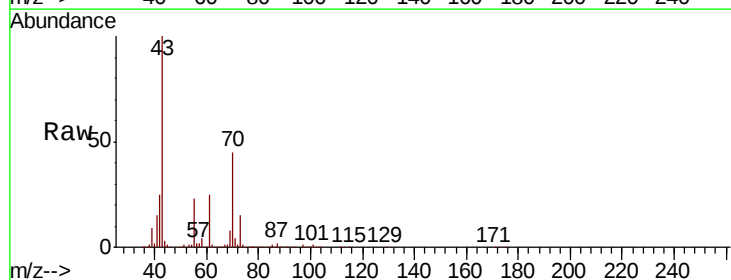
Ion Ratio Lower Upper

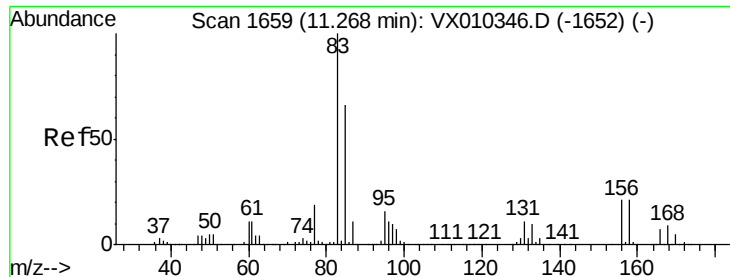
43 100

70 44.3 36.6 54.8

55 23.8 18.7 28.1

61 24.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.404 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

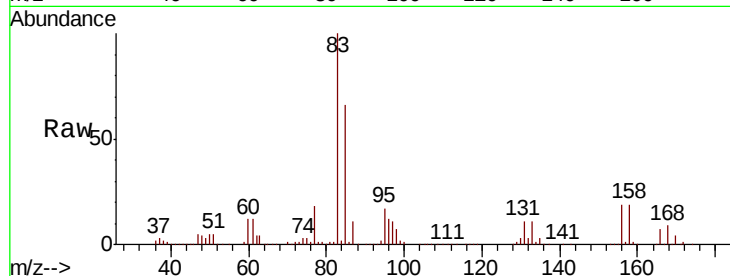
Tot Ion: 83 Resp: 188869

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

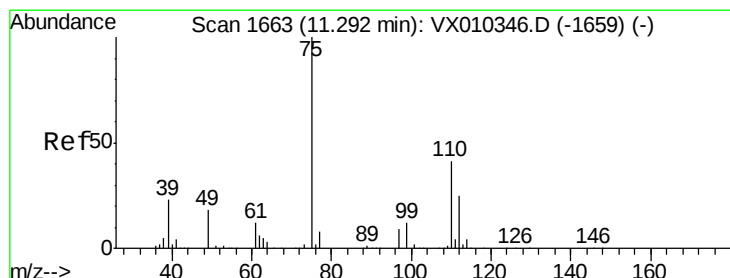
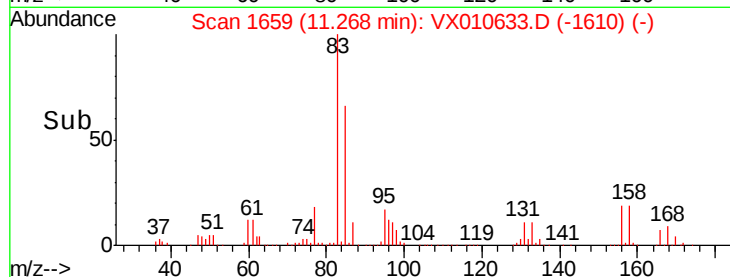
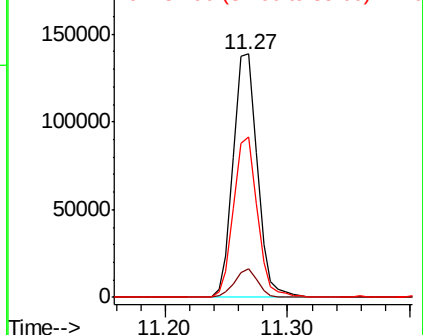
85 65.0 32.3 96.8



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: 67.539 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010633.D

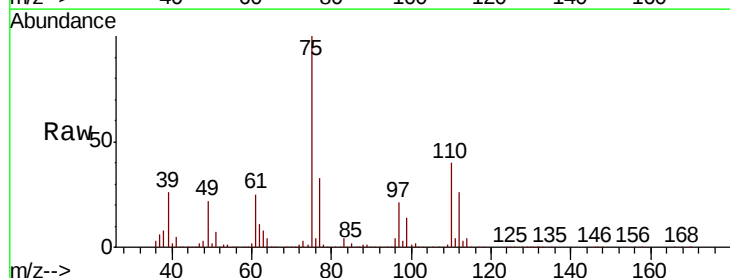
Acq: 03 Jul 2019 12:20

Tgt Ion: 75 Resp: 213912

Ion Ratio Lower Upper

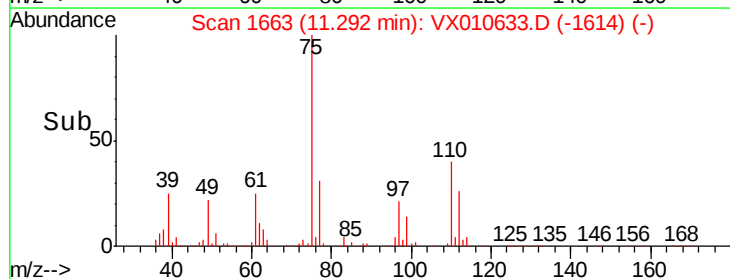
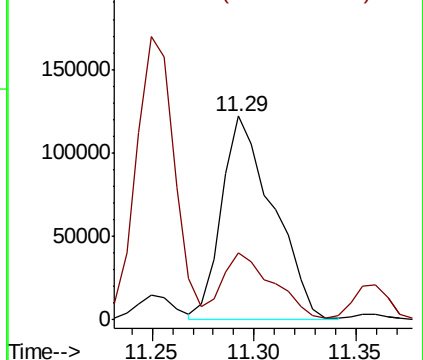
75 100

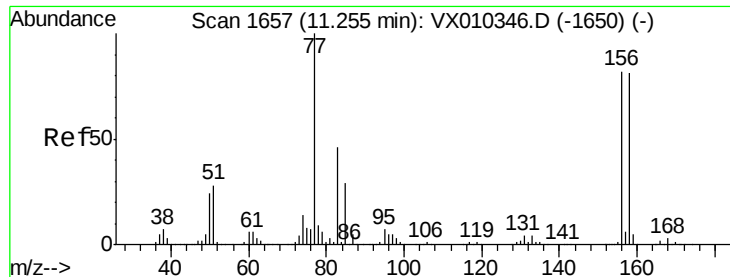
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.075 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

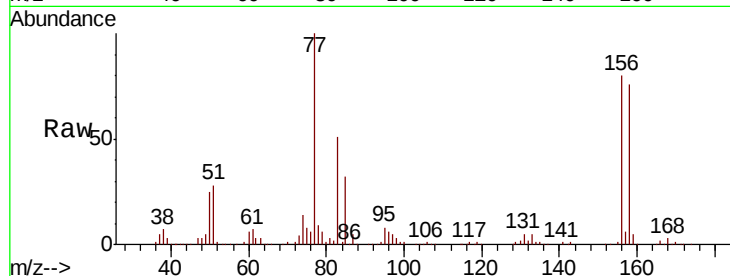
Tot Ion:156 Resp: 164741

Ion Ratio Lower Upper

156 100

77 133.8 66.3 198.7

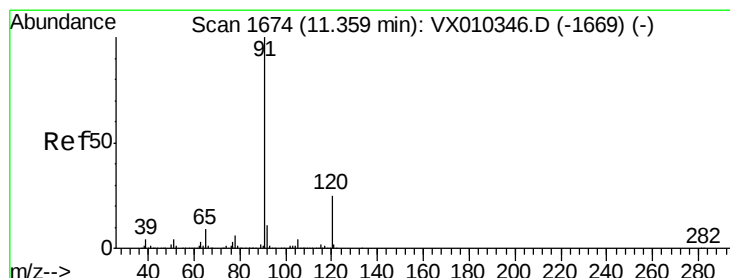
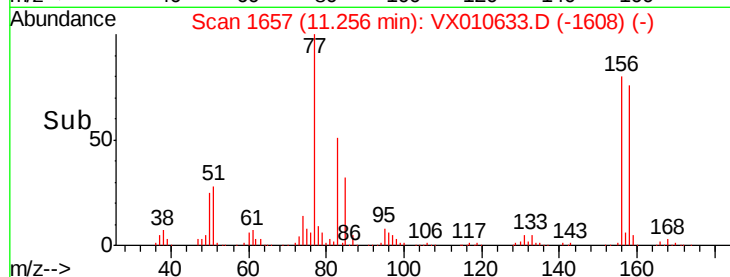
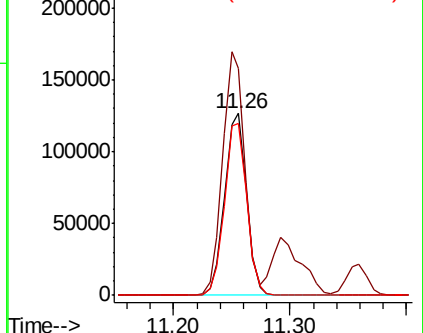
158 96.1 48.9 146.7



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: 52.946 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010633.D

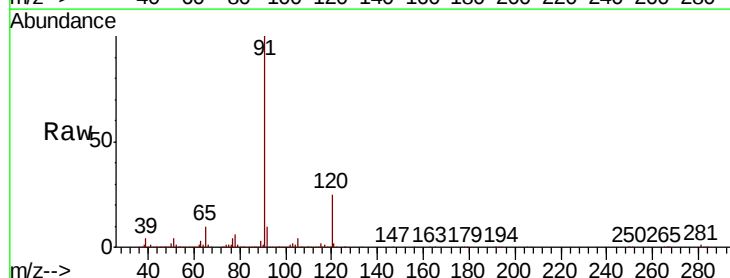
Acq: 03 Jul 2019 12:20

Tgt Ion: 91 Resp: 685607

Ion Ratio Lower Upper

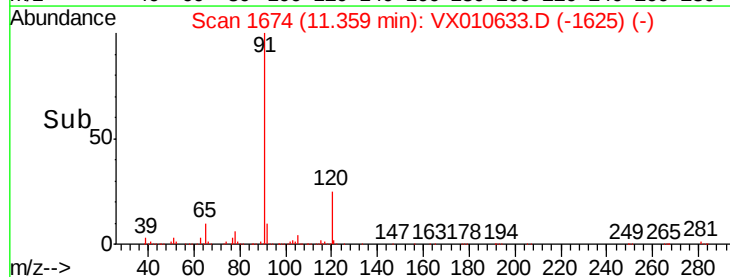
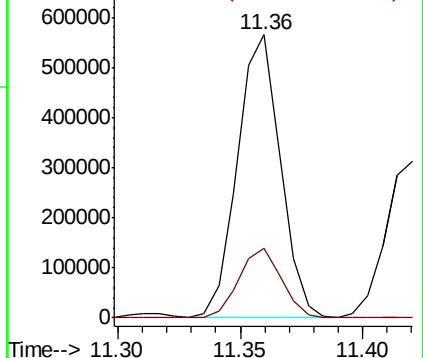
91 100

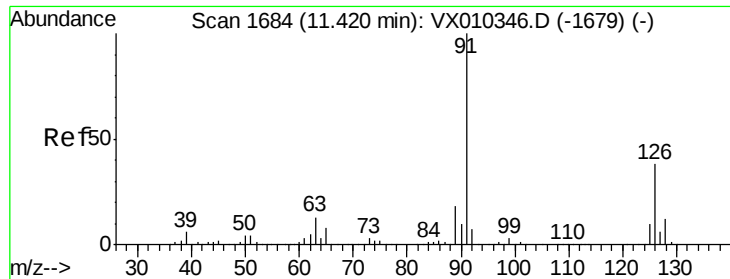
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.797 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

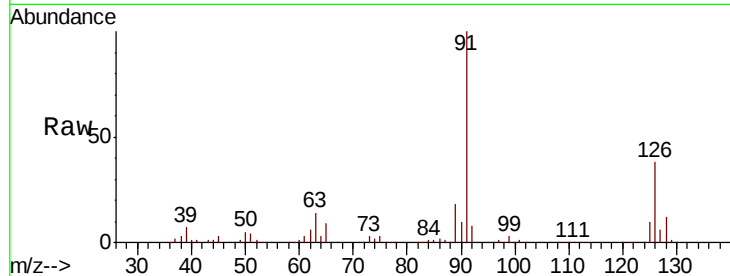
VSTDCCC050

Tot Ion: 91 Resp: 391687

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) (-)

600000

500000

400000

300000

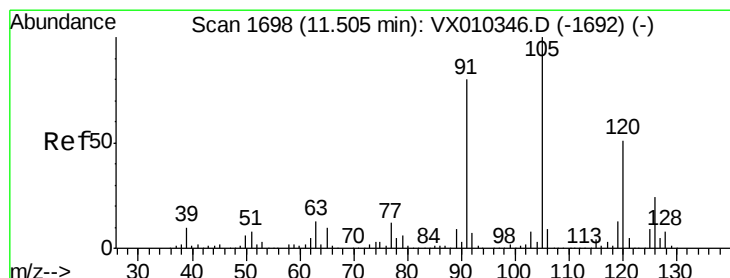
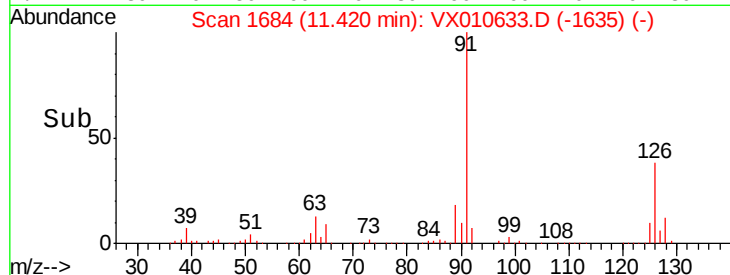
200000

100000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.696 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010633.D

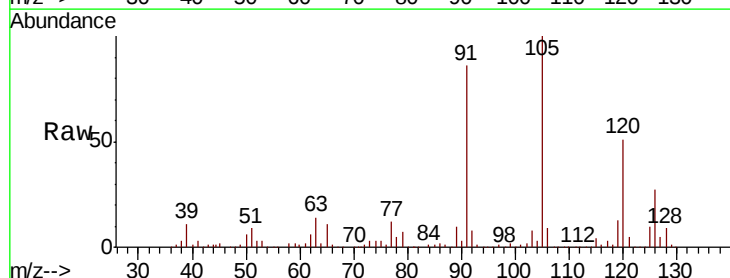
Acq: 03 Jul 2019 12:20

Tgt Ion: 105 Resp: 502118

Ion Ratio Lower Upper

105 100

120 50.3 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) (-)

400000

300000

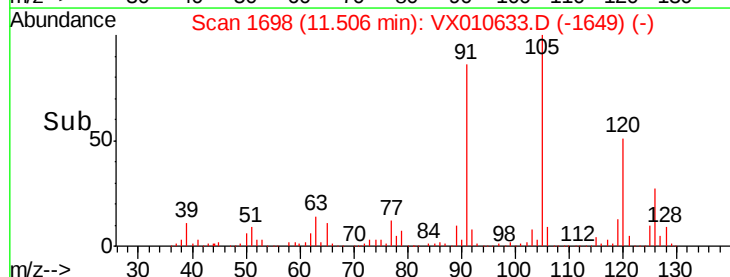
200000

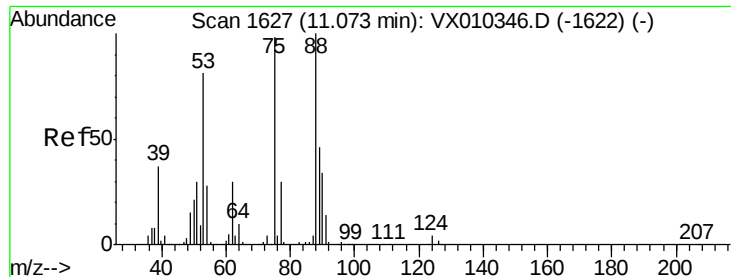
100000

0

11.45 11.50 11.55

Time-->

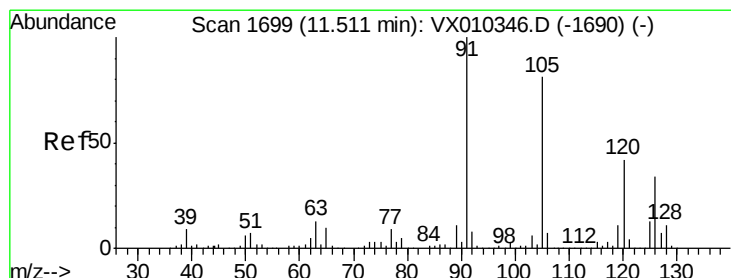
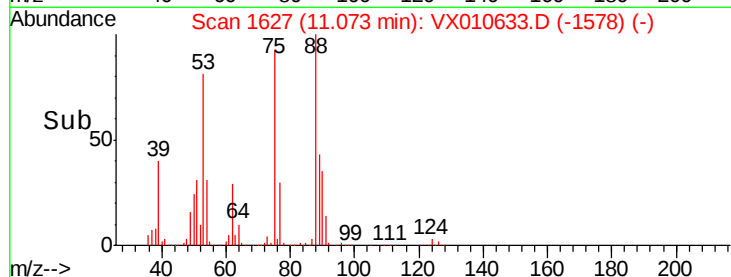
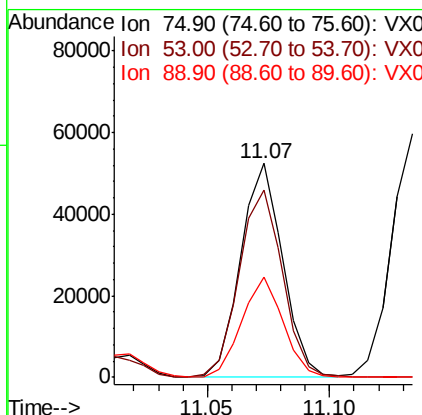
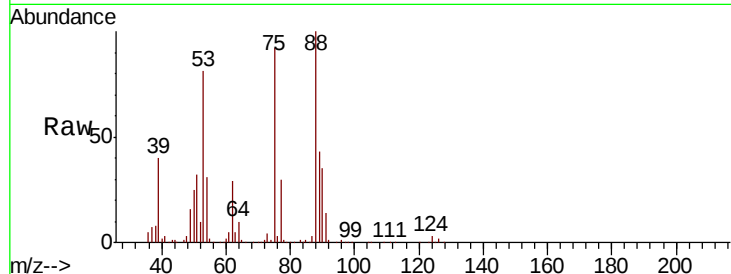




#81
trans-1,4-Dichloro-2-butene
Concen: 45.717 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

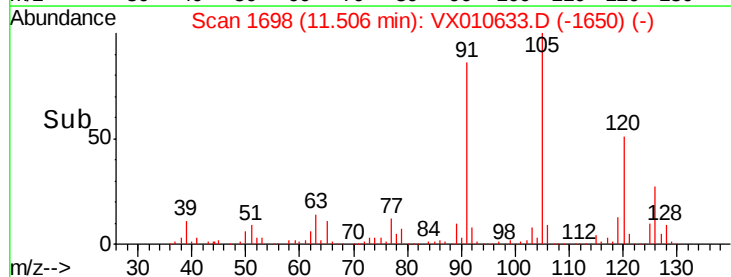
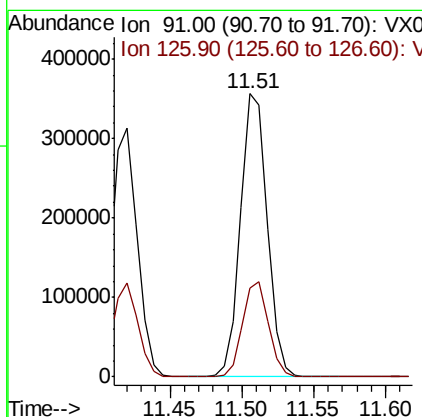
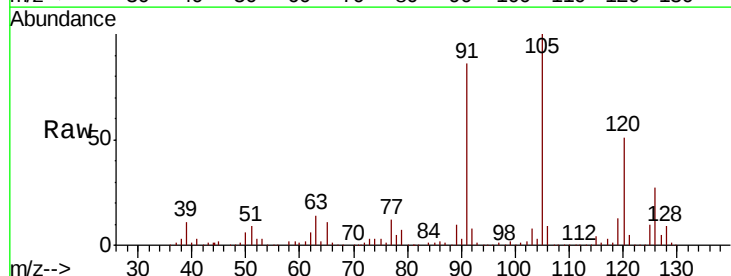
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 62068
Ion Ratio Lower Upper
75 100
53 90.9 66.1 99.1
89 46.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 52.245 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 91 Resp: 458406
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 51.517 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

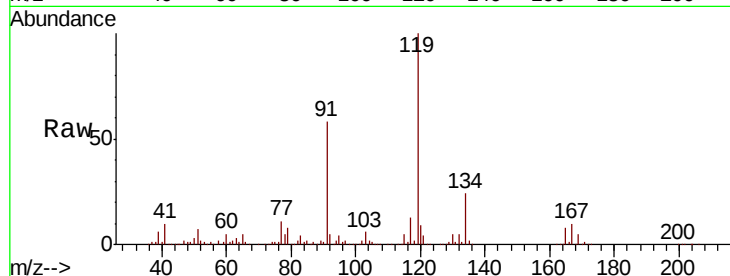
Tot Ion:119 Resp: 502228

Ion Ratio Lower Upper

119 100

91 55.6 27.6 82.7

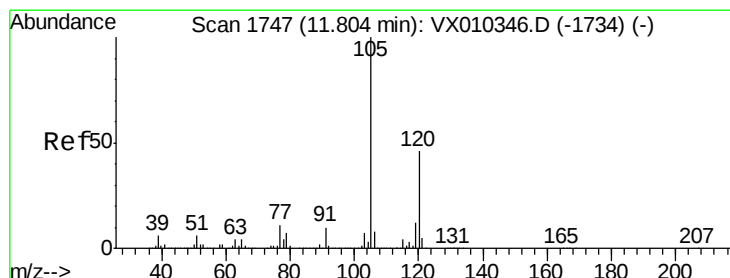
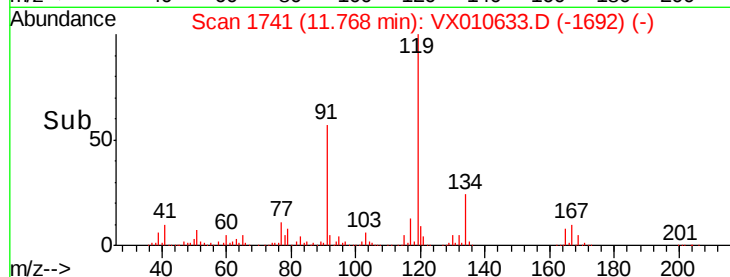
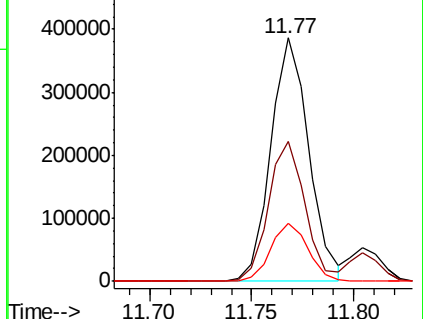
134 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.104 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010633.D

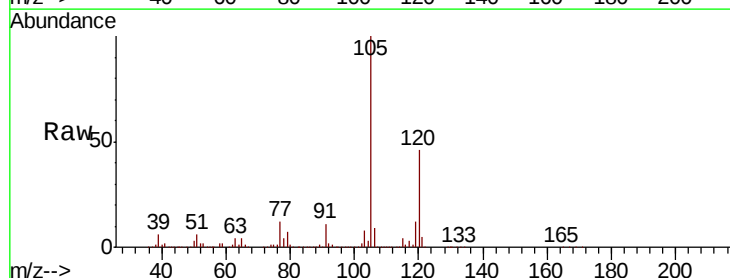
Acq: 03 Jul 2019 12:20

Tgt Ion:105 Resp: 508459

Ion Ratio Lower Upper

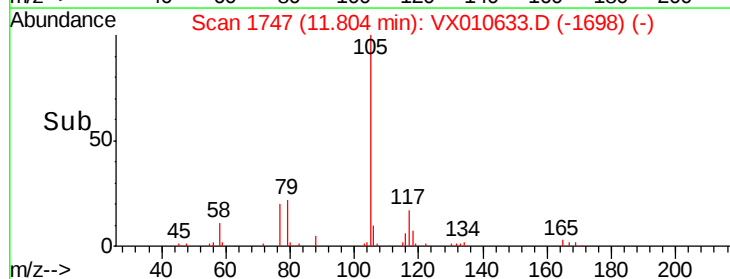
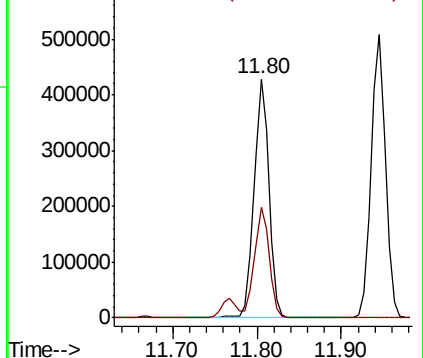
105 100

120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.534 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

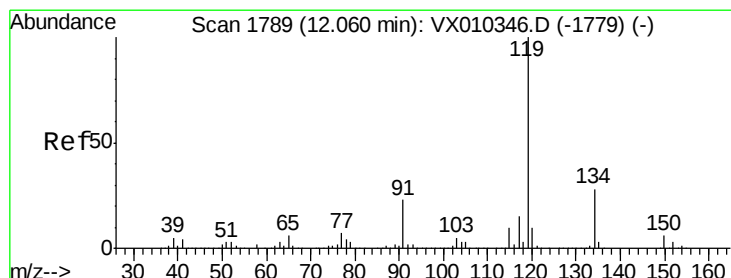
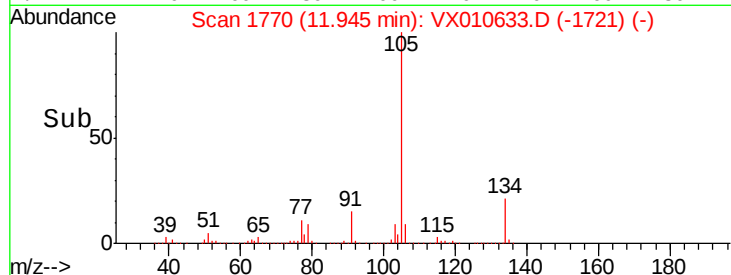
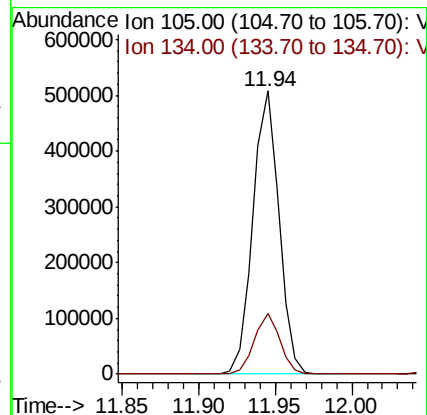
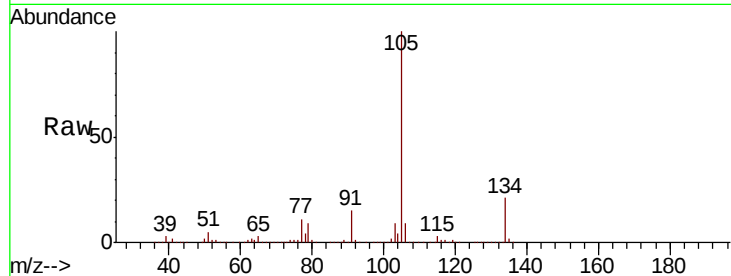
VSTDCCC050

Tot Ion:105 Resp: 601326

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 52.395 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

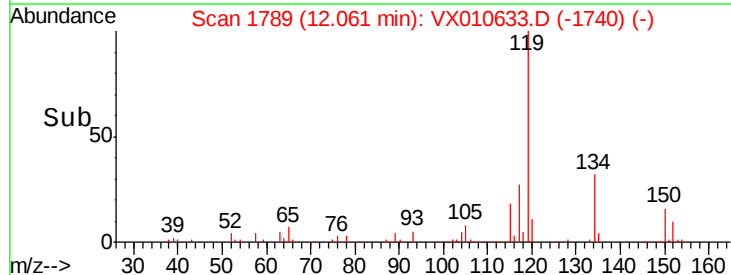
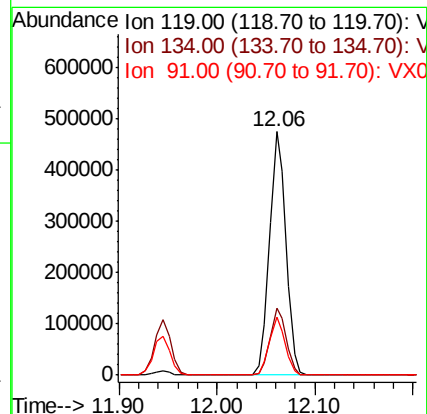
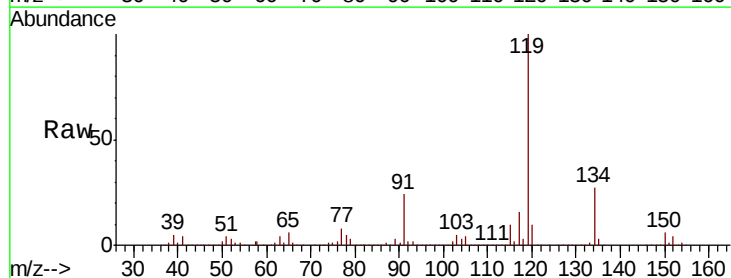
Tgt Ion:119 Resp: 554735

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.0 11.3 33.8

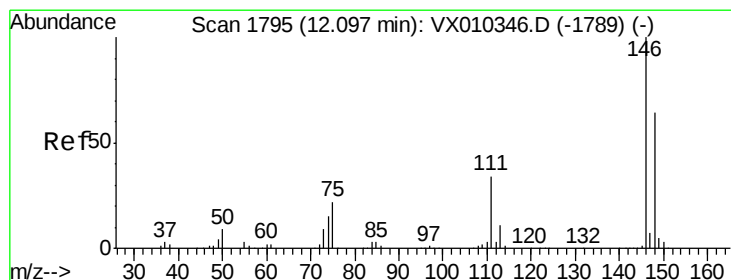
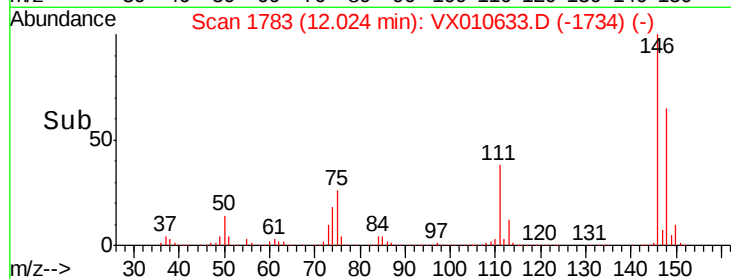
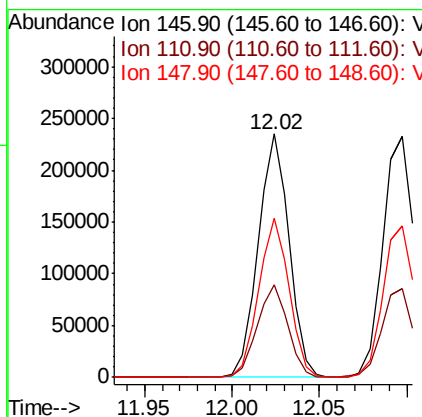
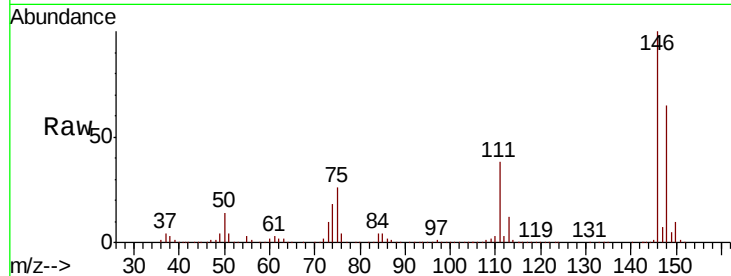




#87
 1,3-Dichlorobenzene
 Concen: 50.002 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

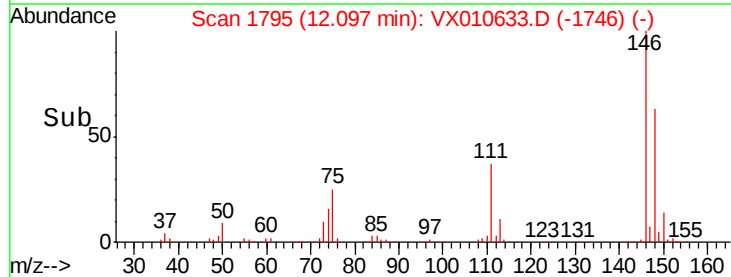
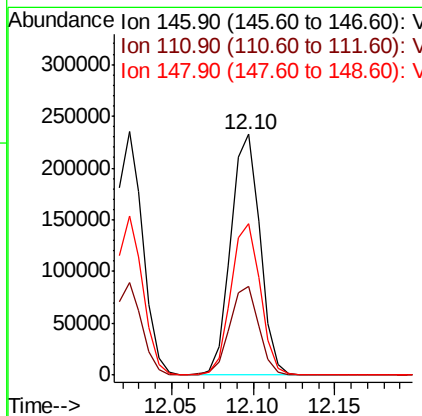
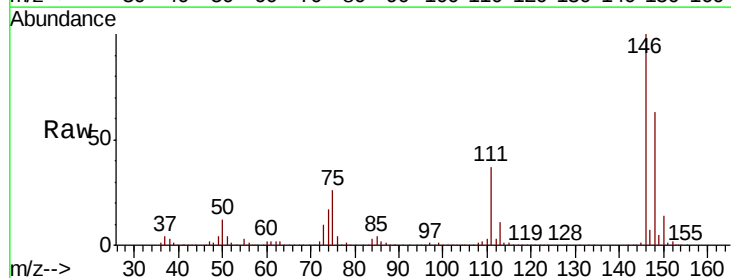
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 287150
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion:146 Resp: 289544
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 63.3 32.1 96.3

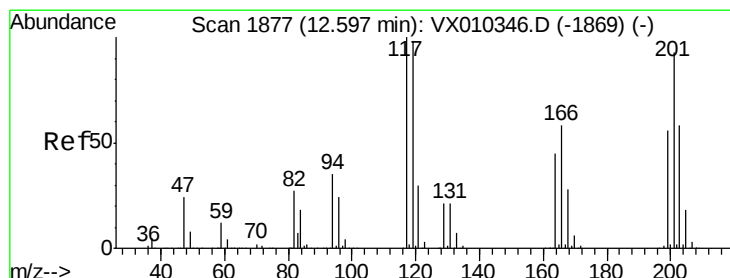
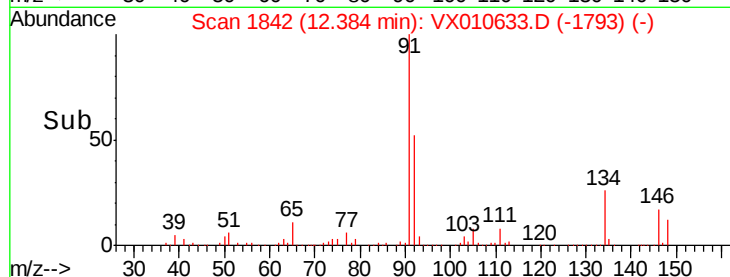
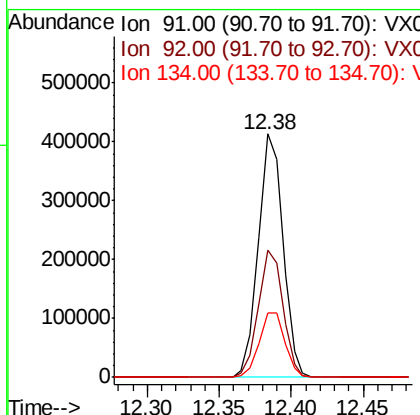
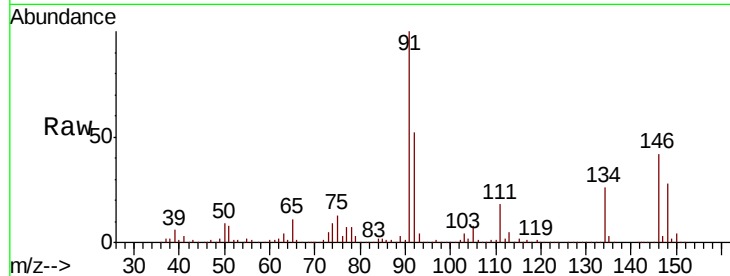




#89
n-Butylbenzene
Concen: 54.146 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

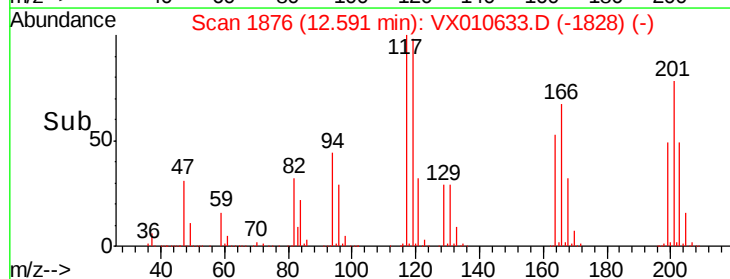
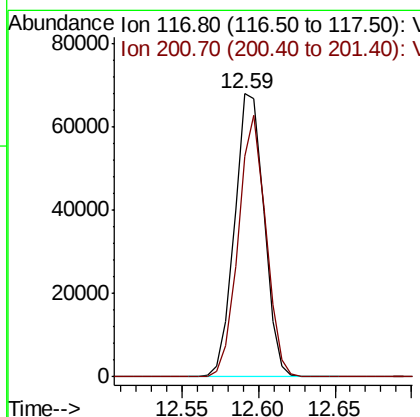
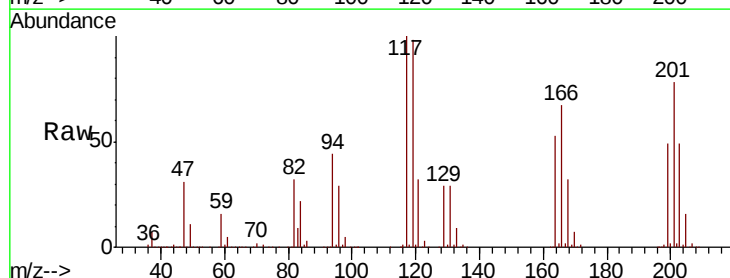
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

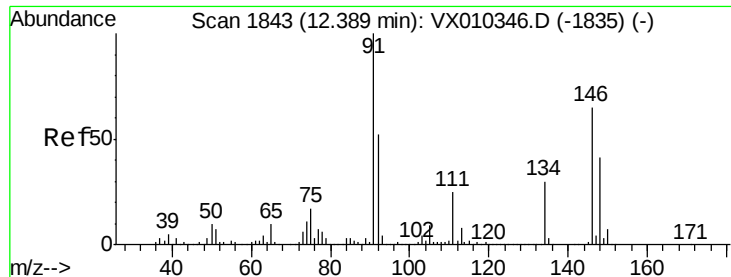
Tot Ion: 91 Resp: 487139
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 49.410 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 117 Resp: 90456
Ion Ratio Lower Upper
117 100
201 86.4 44.0 131.8

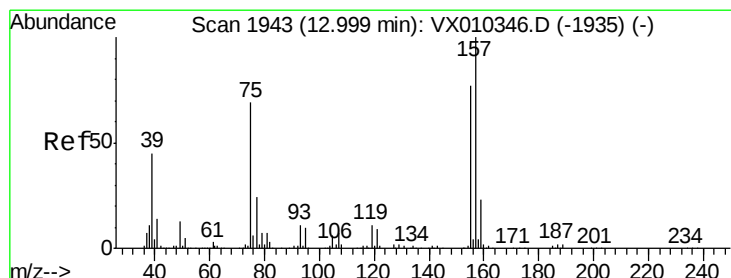
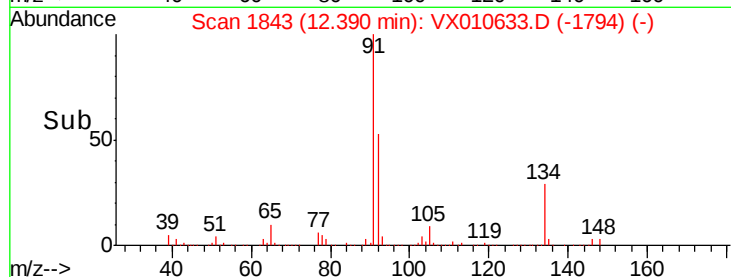
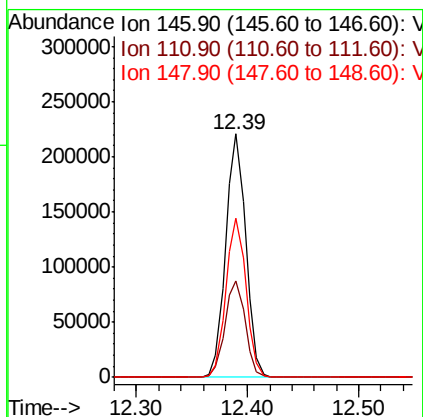
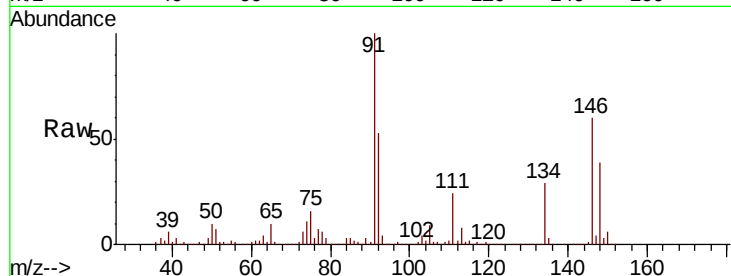




#91
 1,2-Dichlorobenzene
 Concen: 48.202 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

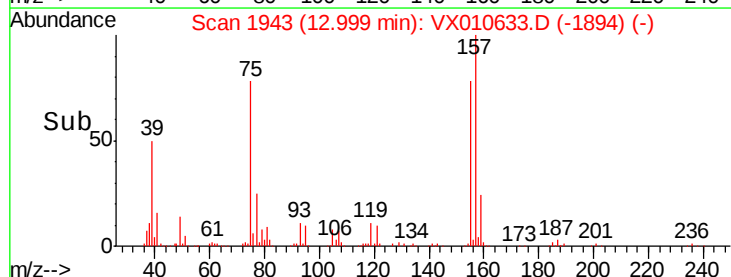
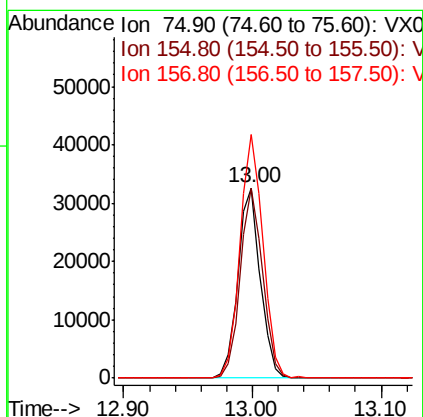
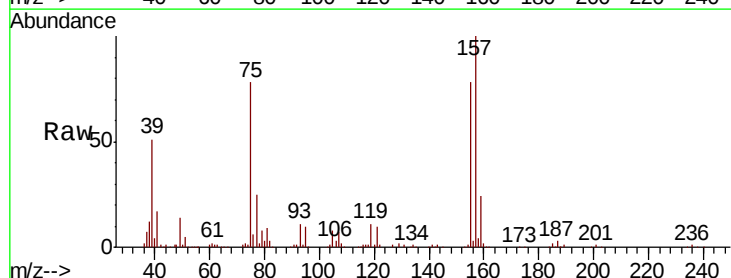
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 275116
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.2 57.6
 148 65.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.912 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 75 Resp: 39466
 Ion Ratio Lower Upper
 75 100
 155 99.5 54.4 163.1
 157 129.9 69.5 208.3

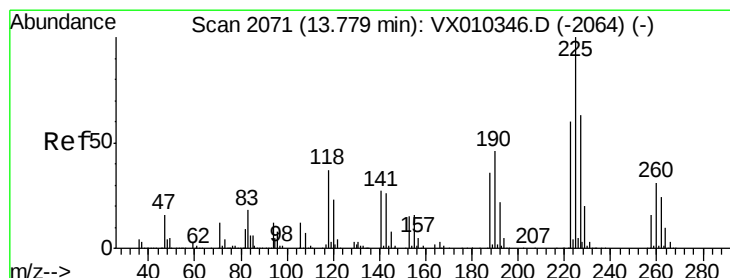
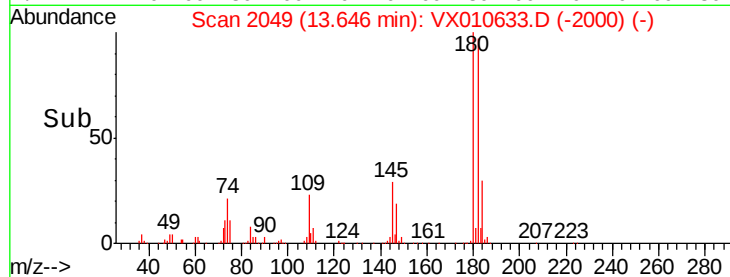
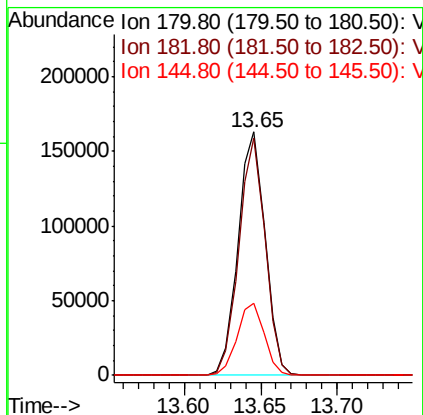
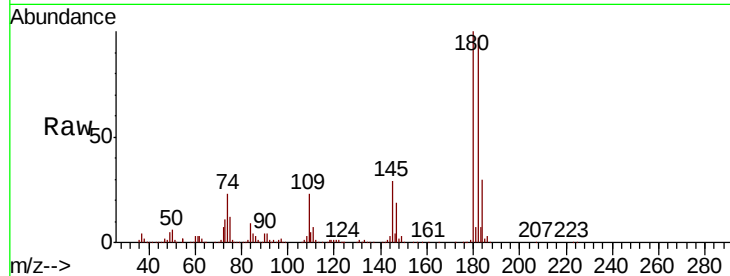




#93
 1,2,4-Trichlorobenzene
 Concen: 50.468 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

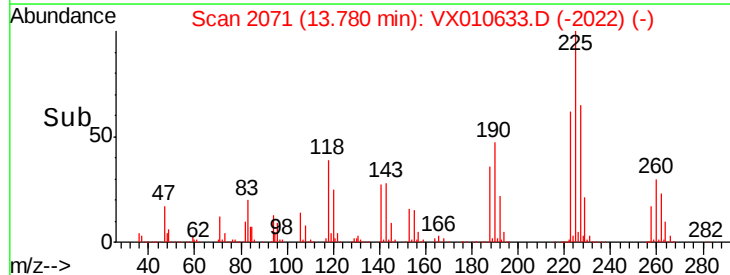
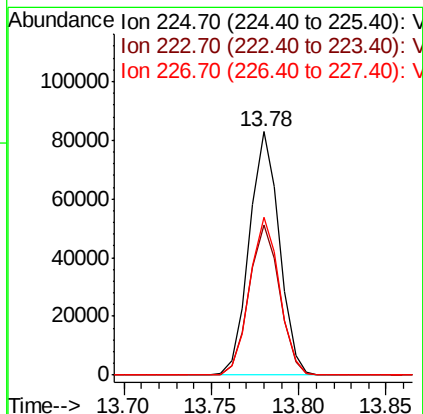
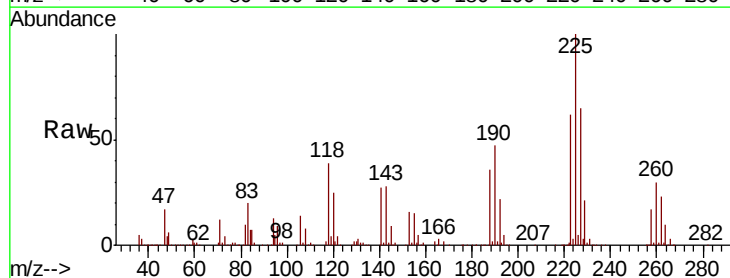
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

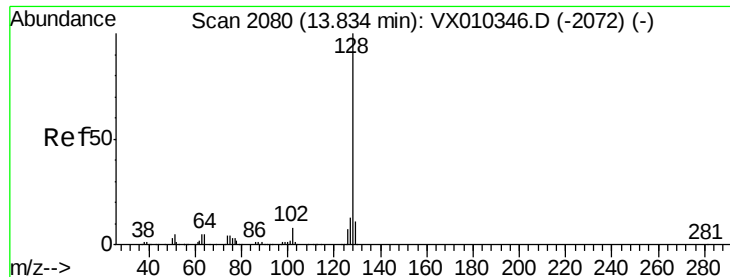
Tot Ion:180 Resp: 199759
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.0
 145 29.7 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 51.046 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion:225 Resp: 98747
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 64.6 31.9 95.5





#95

Naphthalene

Concen: 49.116 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

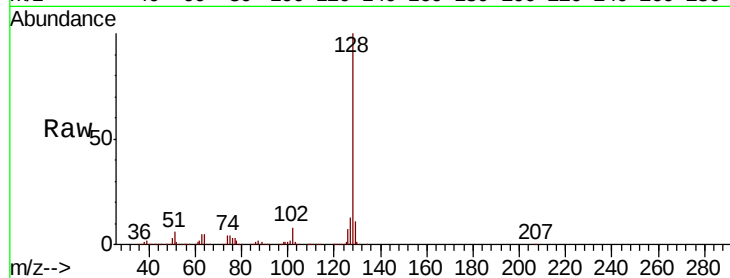
Tot Ion:128 Resp: 597414

Ion Ratio Lower Upper

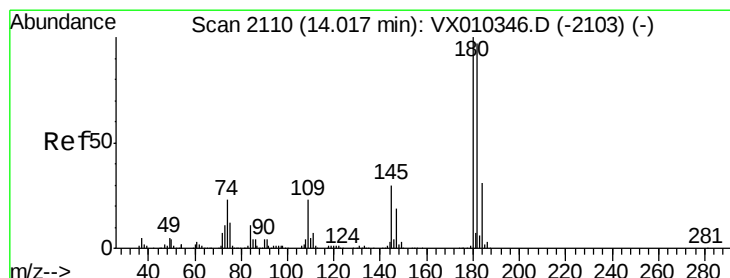
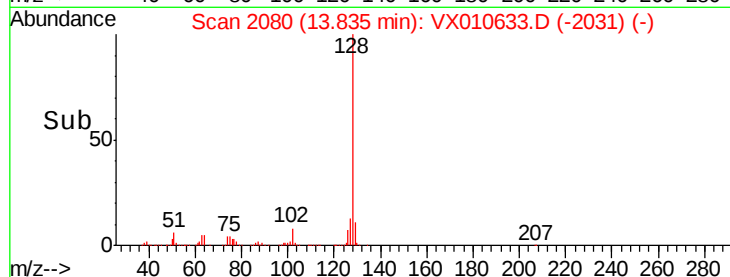
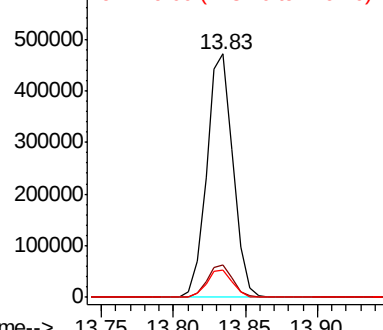
128 100

127 12.9 10.2 15.4

129 10.9 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 49.820 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

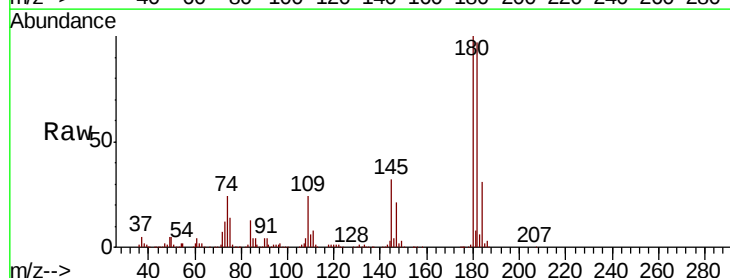
Tgt Ion:180 Resp: 196059

Ion Ratio Lower Upper

180 100

182 96.4 47.8 143.3

145 31.8 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

