

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010374.D
 Acq On : 21 Jun 2019 10:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 23:08:48 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	290656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129978	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	128990	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	492324	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	175463	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101451	50.205	ug/l	99
3) Chloromethane	1.32	50	111867	47.542	ug/l	100
4) Vinyl Chloride	1.41	62	123732	48.009	ug/l	100
5) Bromomethane	1.64	94	58194	46.348	ug/l	99
6) Chloroethane	1.71	64	74423	48.945	ug/l	98
7) Trichlorofluoromethane	1.93	101	207771	50.855	ug/l	99
8) Diethyl Ether	2.19	74	73650	50.268	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	127482	51.490	ug/l	99
10) Methyl Iodide	2.51	142	155298	43.951	ug/l	100
11) Tert butyl alcohol	3.05	59	154074	216.064	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123829	49.151	ug/l	99
13) Acrolein	2.29	56	113918	240.817	ug/l	100
14) Allyl chloride	2.73	41	184769	51.658	ug/l	99
15) Acrylonitrile	3.14	53	349781	247.748	ug/l	100
16) Acetone	2.44	43	360216	263.744	ug/l	100
17) Carbon Disulfide	2.57	76	334848	49.541	ug/l	98
18) Methyl Acetate	2.77	43	132332	48.614	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	400566	50.541	ug/l	97
20) Methylene Chloride	2.85	84	140353	49.935	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	135050	49.842	ug/l	98
22) Diisopropyl ether	3.85	45	379578	50.758	ug/l	90
23) Vinyl Acetate	3.81	43	1699390	263.050	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216911	50.180	ug/l	99
25) 2-Butanone	4.67	43	509854	254.491	ug/l	98
26) 2,2-Dichloropropane	4.58	77	199638	53.165	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	158908	50.751	ug/l	100
28) Bromochloromethane	5.01	49	98506	47.663	ug/l	100
29) Tetrahydrofuran	5.12	42	302111	243.454	ug/l	99
30) Chloroform	5.21	83	234300	50.377	ug/l	99
31) Cyclohexane	5.57	56	203709	51.750	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	210804	51.331	ug/l	100
36) 1,1-Dichloropropene	5.80	75	175763	52.221	ug/l	100
37) Ethyl Acetate	4.83	43	178724	51.616	ug/l	100
38) Carbon Tetrachloride	5.78	117	192470	52.808	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239392	54.110	ug/l	98
40) Benzene	6.14	78	545469	52.019	ug/l	99
41) Methacrylonitrile	5.04	41	97962	51.563	ug/l	98
42) 1,2-Dichloroethane	6.18	62	169190	53.005	ug/l	99
43) Isopropyl Acetate	6.44	43	302151	52.743	ug/l	99
44) Trichloroethene	7.21	130	164411	52.399	ug/l	100
45) 1,2-Dichloropropane	7.51	63	137474	51.916	ug/l	99
46) Dibromomethane	7.66	93	99523	52.384	ug/l	99
47) Bromodichloromethane	7.90	83	185977	53.415	ug/l	100
48) Methyl methacrylate	7.76	41	141616	53.183	ug/l	99
49) 1,4-Dioxane	7.74	88	73852	962.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	946920	258.446	ug/l	99
52) Toluene	8.78	92	363971	52.708	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	212970	54.558	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	231929	54.674	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147269	51.711	ug/l	99
56) Ethyl methacrylate	9.18	69	228920	53.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	226950	51.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	587102	286.538	ug/l	99
59) 2-Hexanone	9.49	43	730687	253.393	ug/l	100
60) Dibromochloromethane	9.58	129	168853	52.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160517	52.218	ug/l	100
64) Tetrachloroethene	9.34	164	157988	51.198	ug/l	97
65) Chlorobenzene	10.13	112	406280	52.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	153570	54.431	ug/l	100
67) Ethyl Benzene	10.25	91	689582	52.735	ug/l	100
68) m/p-Xylenes	10.35	106	541065	106.788	ug/l	99
69) o-Xylene	10.69	106	261553	52.493	ug/l	99
70) Styrene	10.71	104	448387	53.660	ug/l	100
71) Bromoform	10.85	173	135997	55.430	ug/l	100
73) Isopropylbenzene	11.02	105	700364	51.832	ug/l	99
74) N-amyl acetate	10.90	43	267926	52.467	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	224504	50.170	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	254425	70.045	ug/l	80
77) Bromobenzene	11.26	156	190469	50.483	ug/l	100
78) n-propylbenzene	11.36	91	795988	53.600	ug/l	100
79) 2-Chlorotoluene	11.42	91	455005	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587119	52.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80368	51.617	ug/l	99
82) 4-Chlorotoluene	11.51	91	531425	52.813	ug/l	99
83) tert-Butylbenzene	11.77	119	588623	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	595431	53.205	ug/l	99
85) sec-Butylbenzene	11.94	105	700378	53.354	ug/l	100
86) p-Isopropyltoluene	12.06	119	654121	53.872	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342757	52.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	339699	50.665	ug/l	99
89) n-Butylbenzene	12.38	91	575248	55.753	ug/l	100
90) Hexachloroethane	12.59	117	116940	55.698	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	329159	50.287	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47163	48.884	ug/l	98

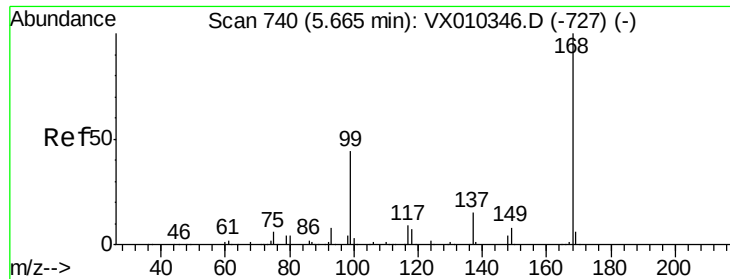
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	247799	54.590	ug/l	98
94) Hexachlorobutadiene	13.78	225	119456	53.845	ug/l	99
95) Naphthalene	13.83	128	737715	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242982	53.838	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

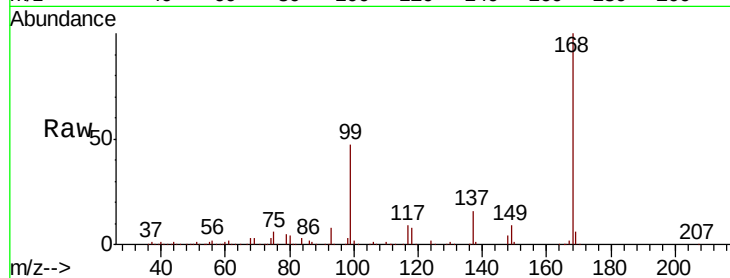
VSTDCCC050

Tot Ion:168 Resp: 290656

Ion Ratio Lower Upper

168 100

99 47.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

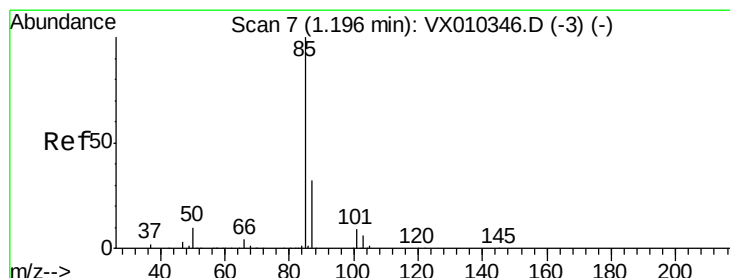
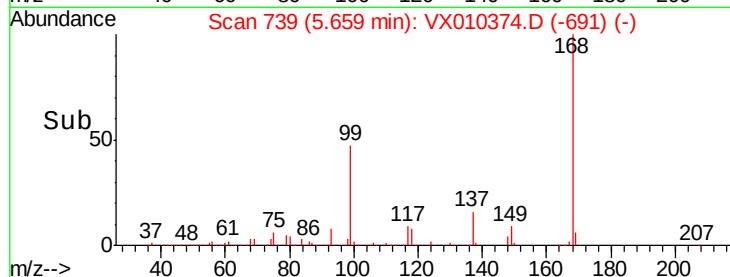
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.205 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010374.D

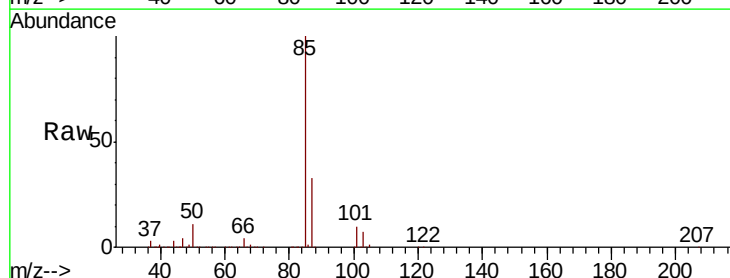
Acq: 21 Jun 2019 10:35

Tgt Ion: 85 Resp: 101451

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

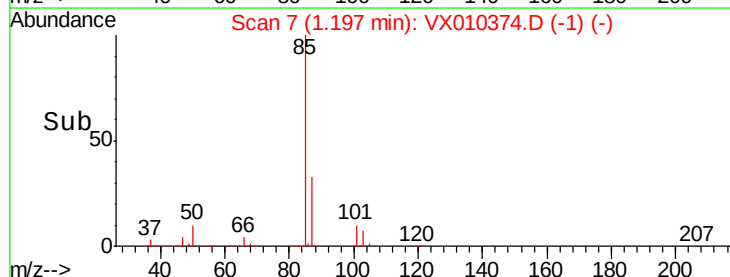
60000

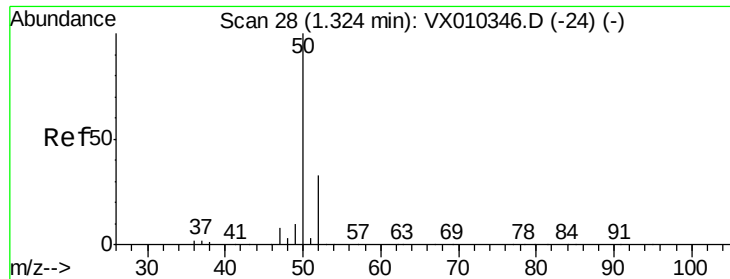
40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.542 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

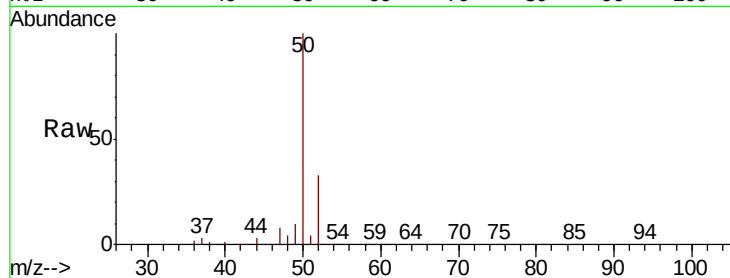
VSTDCCC050

Tot Ion: 50 Resp: 111867

Ion Ratio Lower Upper

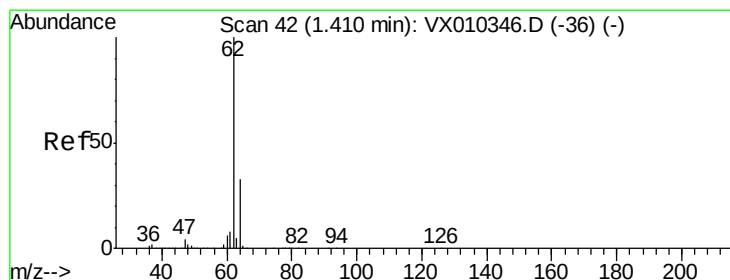
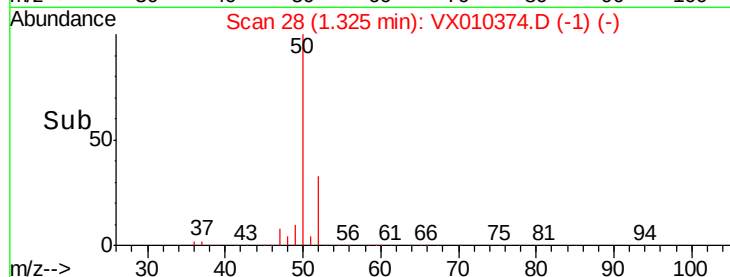
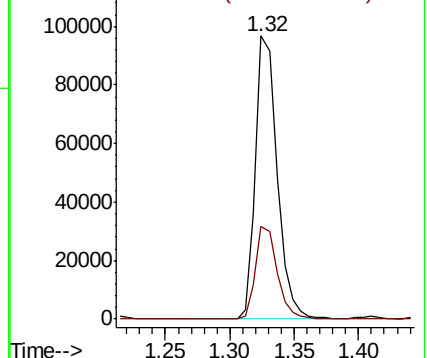
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.009 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010374.D

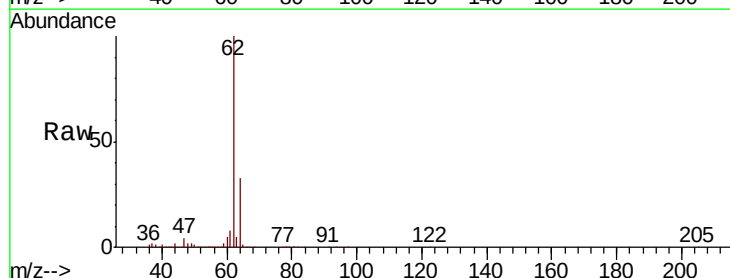
Acq: 21 Jun 2019 10:35

Tgt Ion: 62 Resp: 123732

Ion Ratio Lower Upper

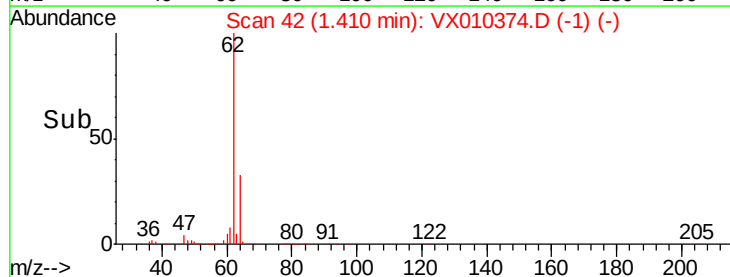
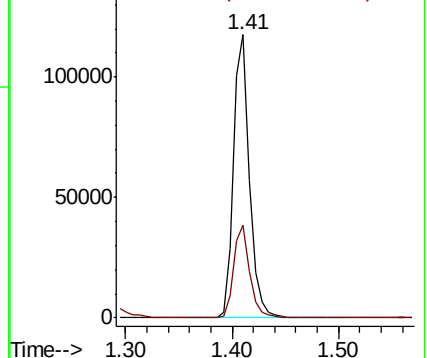
62 100

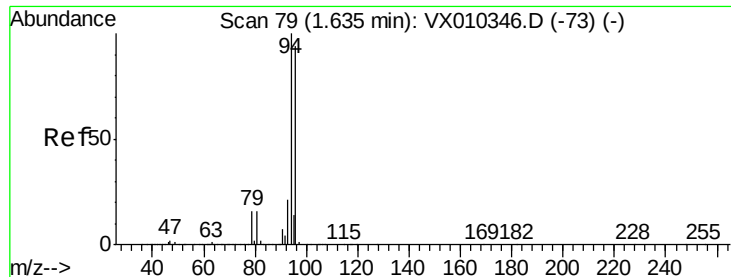
64 32.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.348 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

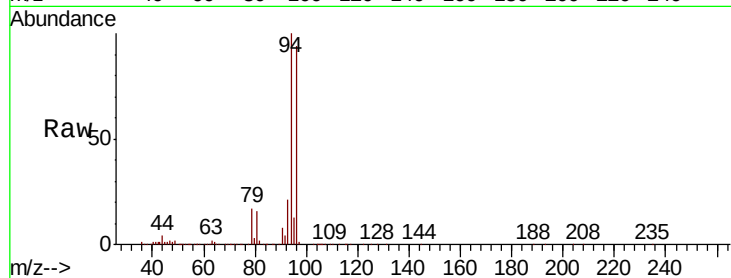
VSTDCCC050

Tot Ion: 94 Resp: 58194

Ion Ratio Lower Upper

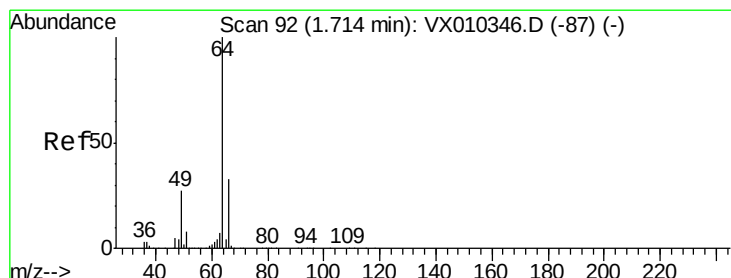
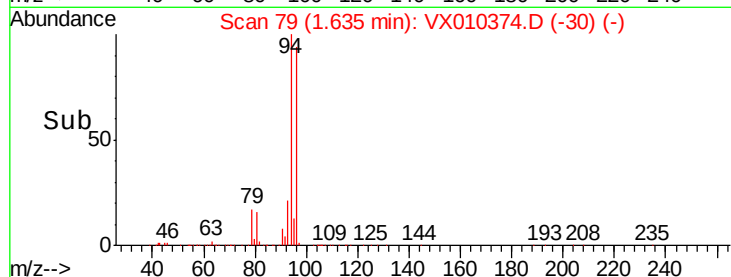
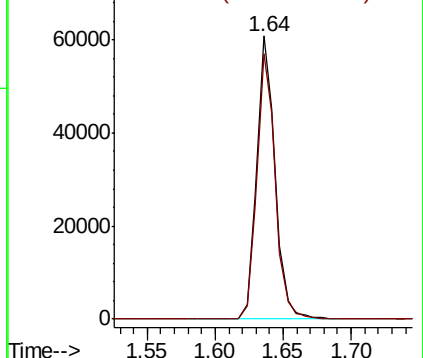
94 100

96 93.8 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: 48.945 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010374.D

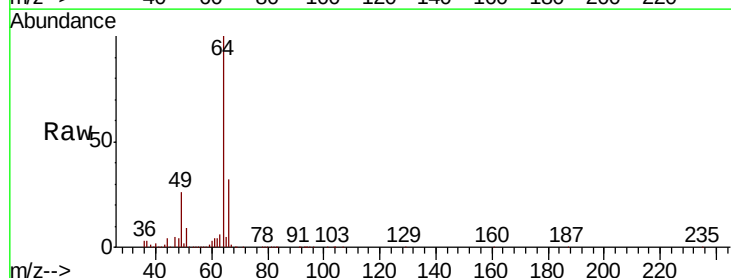
Acq: 21 Jun 2019 10:35

Tgt Ion: 64 Resp: 74423

Ion Ratio Lower Upper

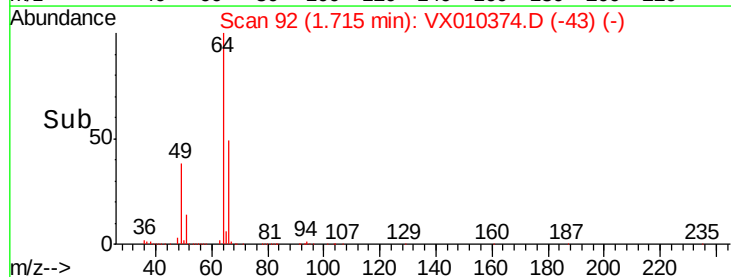
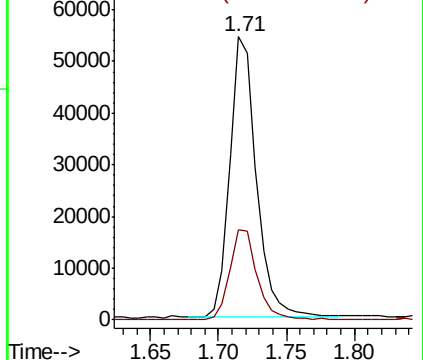
64 100

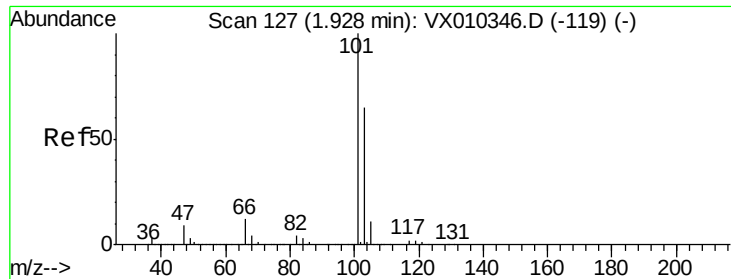
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



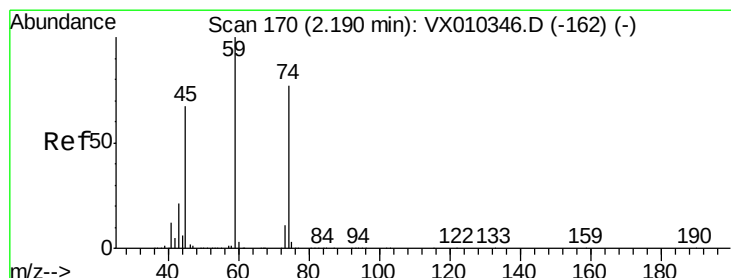
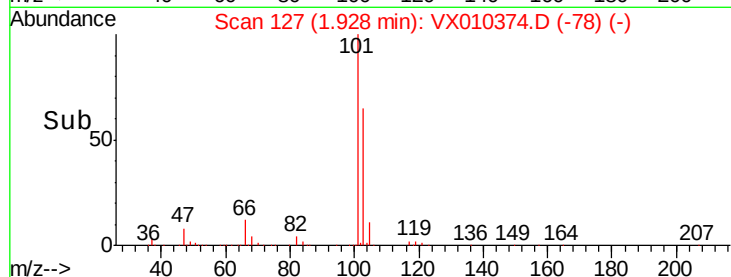
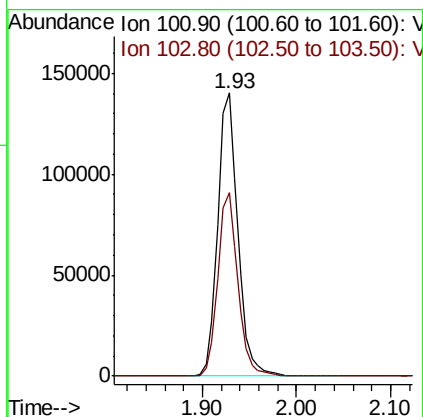
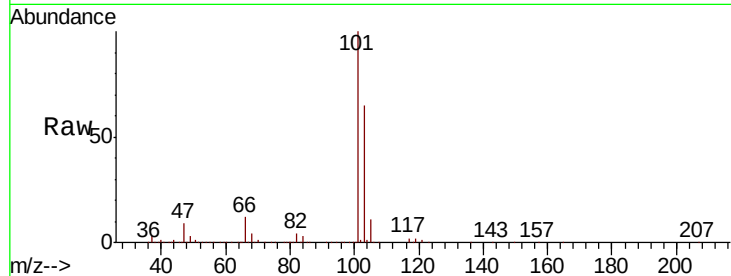


#7

Trichlorofluoromethane
 Concen: 50.855 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
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 VSTDCCC050

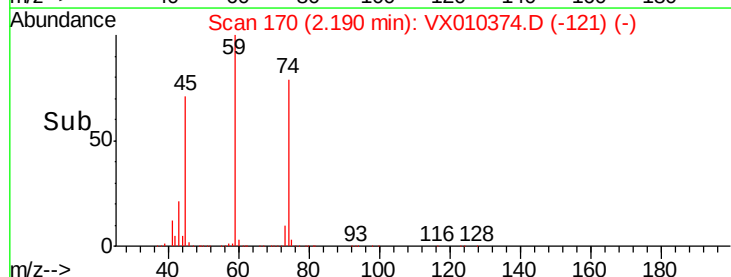
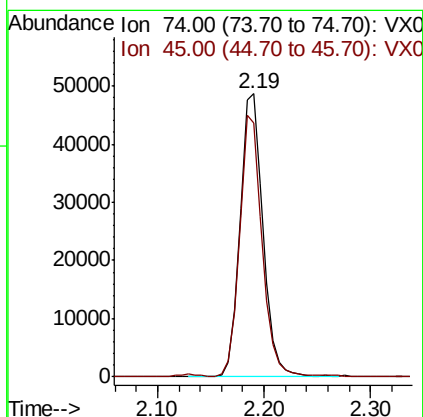
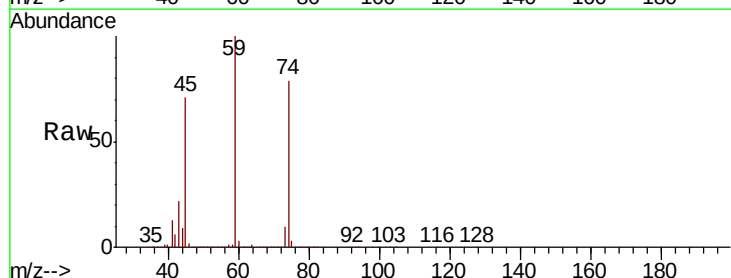
Tot Ion:101 Resp: 207771
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

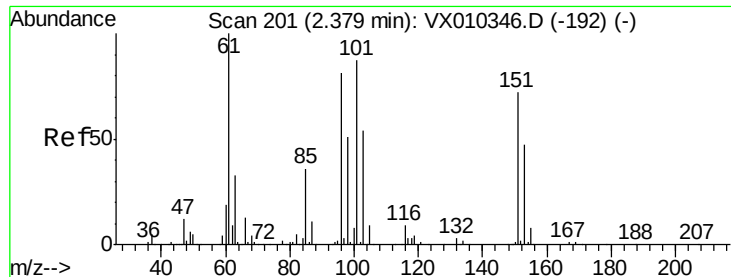


#8

Diethyl Ether
 Concen: 50.268 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 74 Resp: 73650
 Ion Ratio Lower Upper
 74 100
 45 90.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.490 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

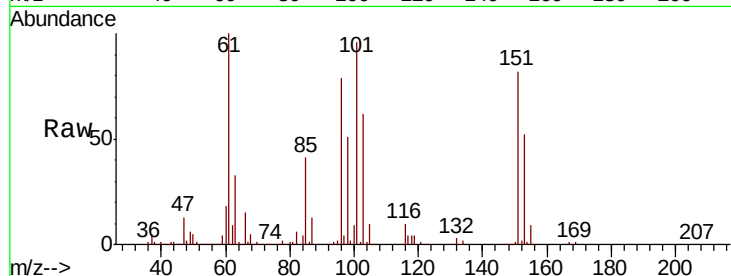
Tot Ion:101 Resp: 127482

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

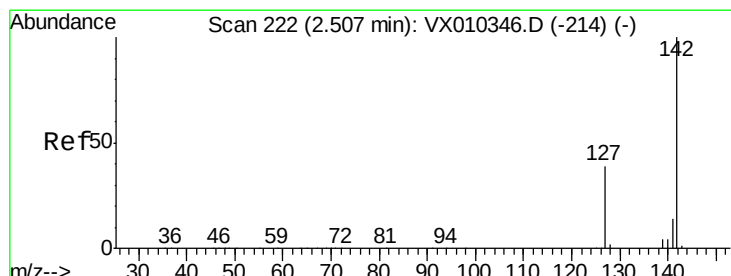
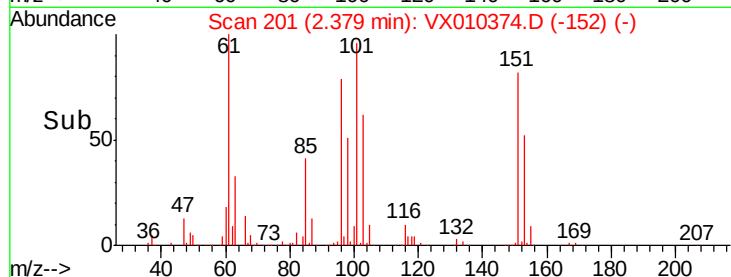
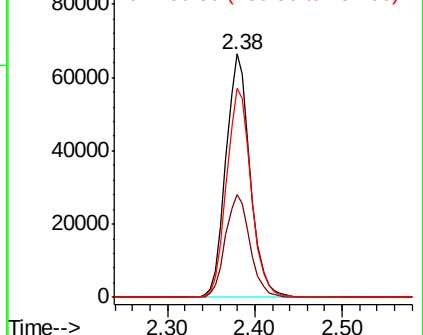
151 87.3 70.1 105.1



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: 43.951 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

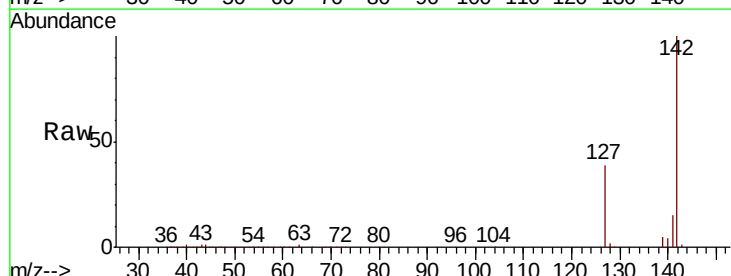
Tgt Ion:142 Resp: 155298

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

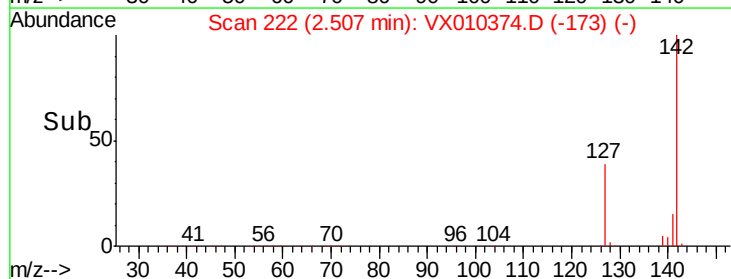
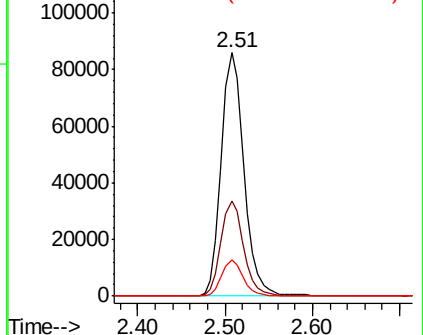
141 14.2 11.2 16.8

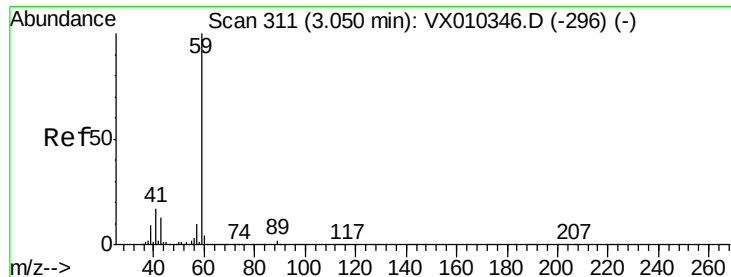


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



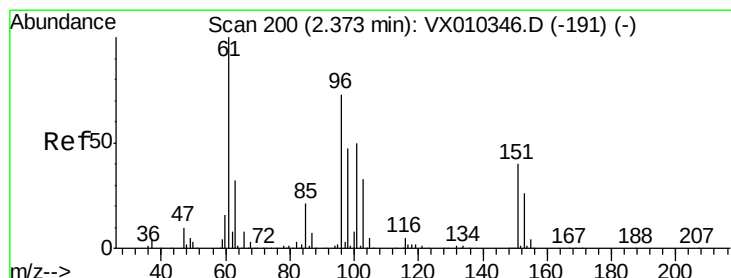
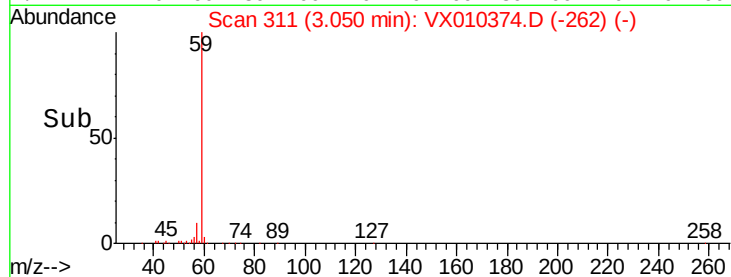
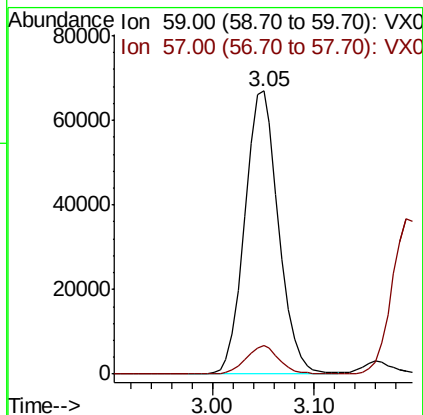
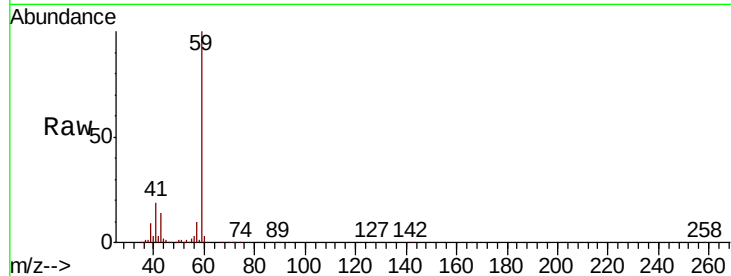


#11

Tert butyl alcohol
 Concen: 216.064 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

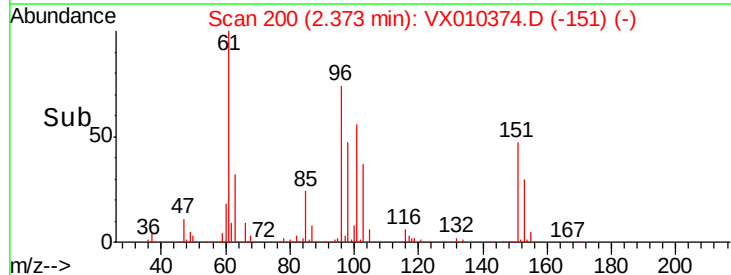
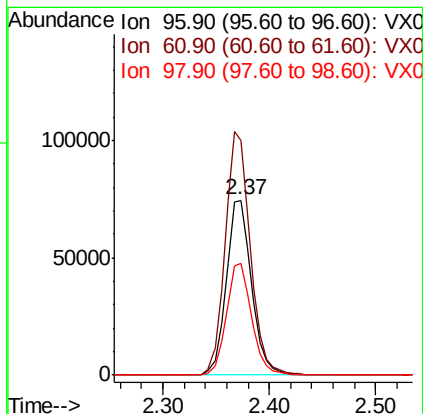
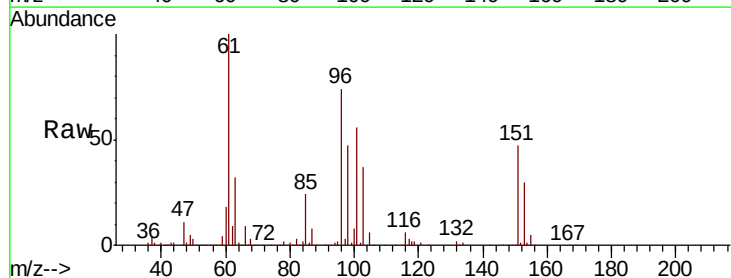
Tot Ion: 59 Resp: 154074
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

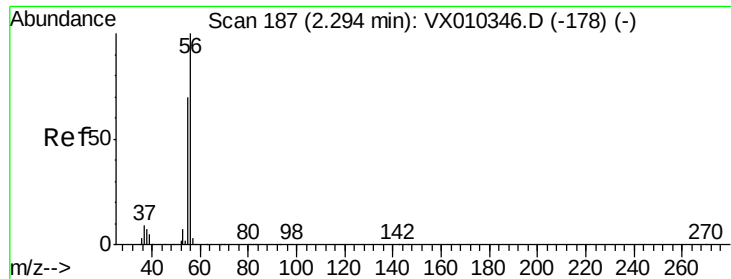


#12

1,1-Dichloroethene
 Concen: 49.151 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 96 Resp: 123829
 Ion Ratio Lower Upper
 96 100
 61 134.5 109.2 163.8
 98 63.6 51.1 76.7





#13

Acrolein

Concen: 240.817 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

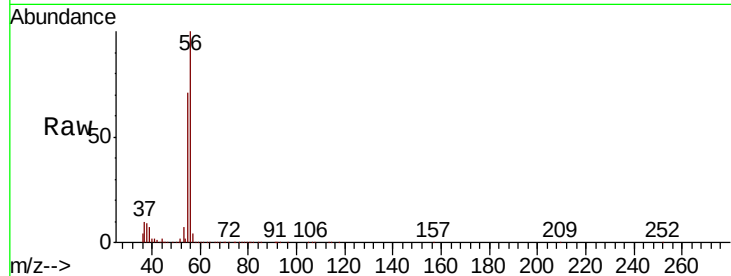
VSTDCCC050

Tot Ion: 56 Resp: 113918

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

40000

20000

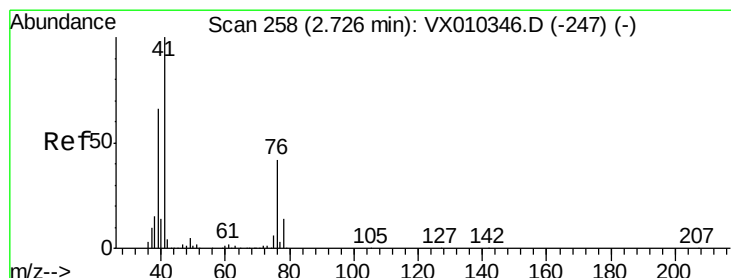
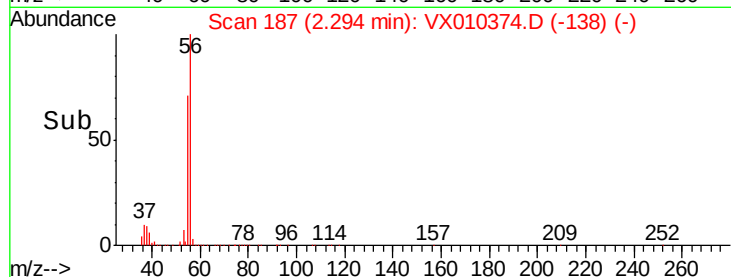
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 51.658 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

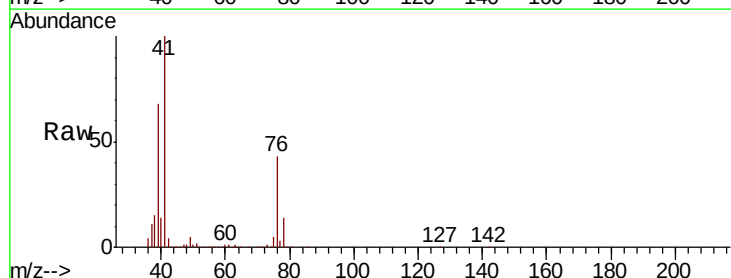
Tgt Ion: 41 Resp: 184769

Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 40.3 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

50000

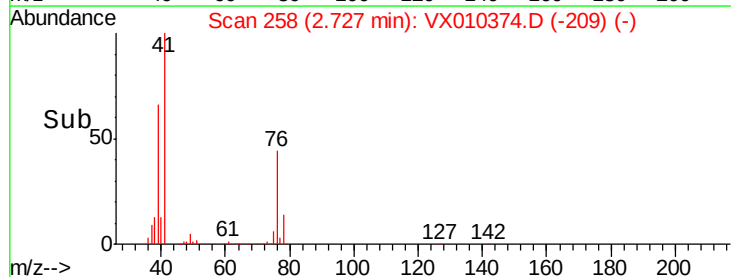
0

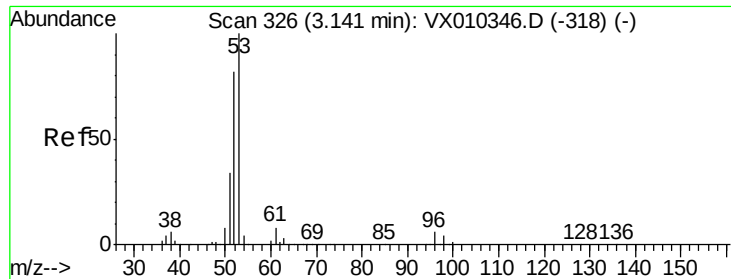
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 247.748 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

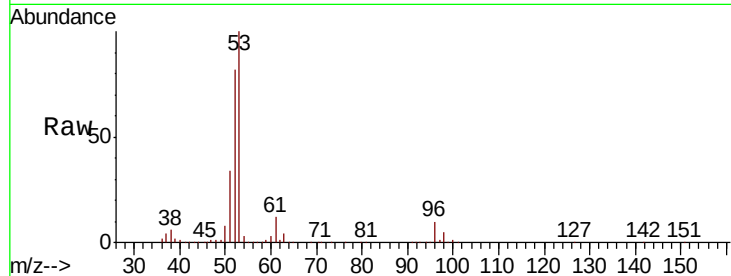
Tot Ion: 53 Resp: 349781

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

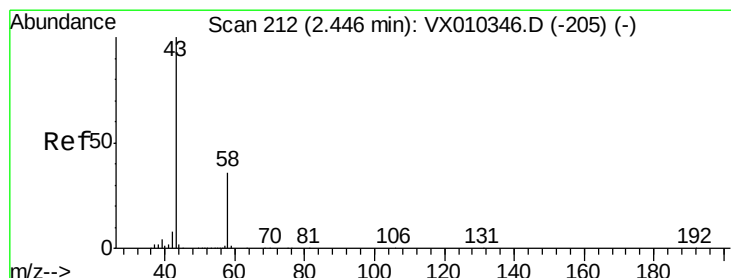
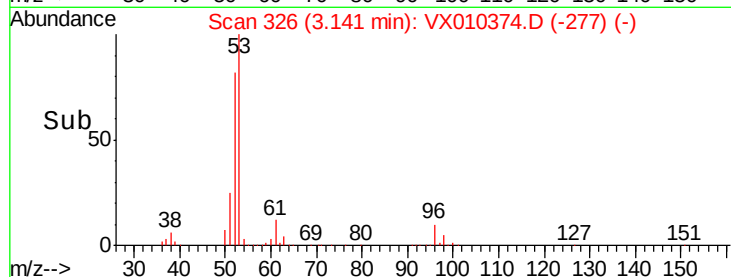
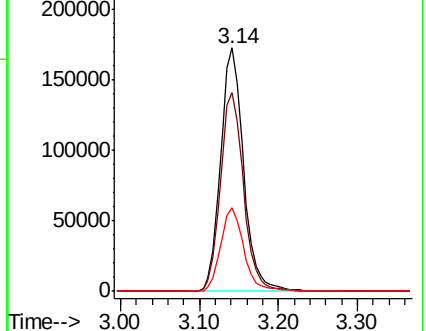
51 34.6 28.2 42.4



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: 263.744 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010374.D

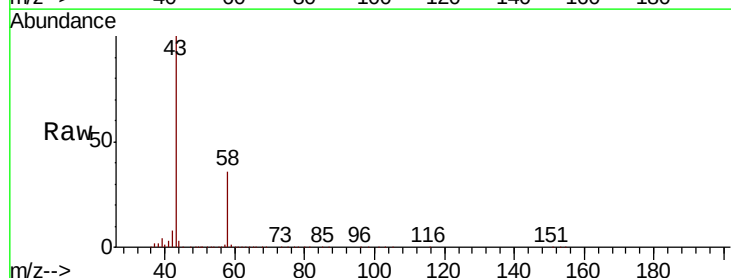
Acq: 21 Jun 2019 10:35

Tgt Ion: 43 Resp: 360216

Ion Ratio Lower Upper

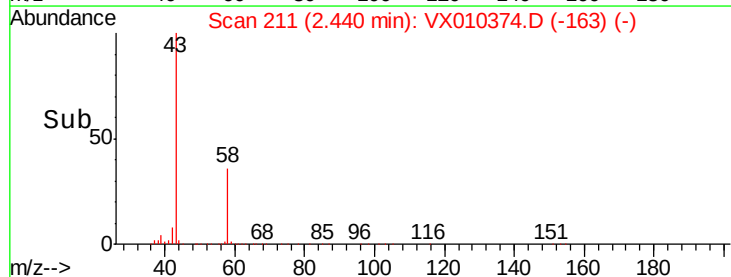
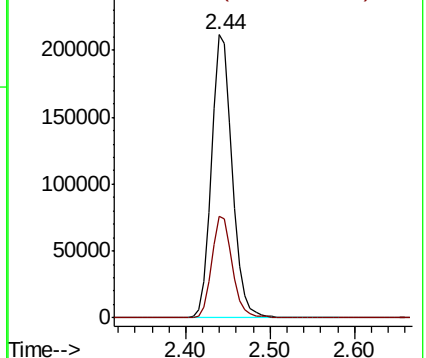
43 100

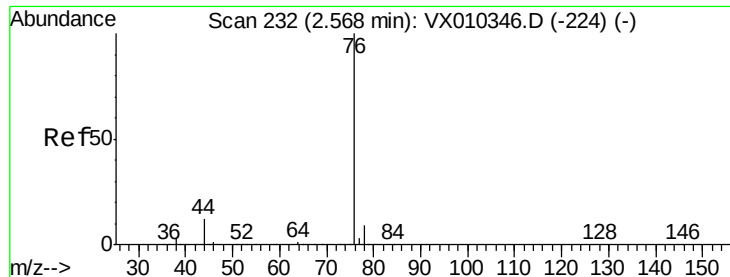
58 35.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.541 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

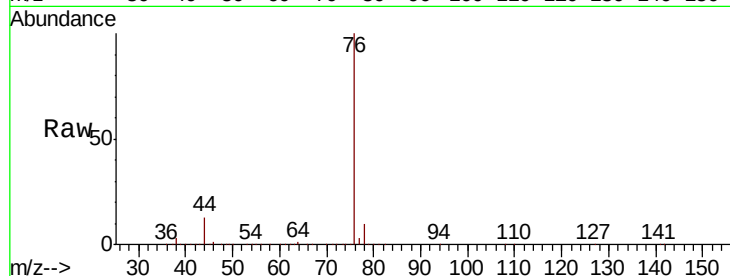
VSTDCCC050

Tot Ion: 76 Resp: 334848

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

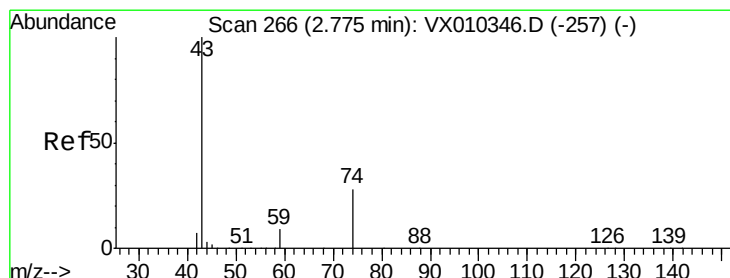
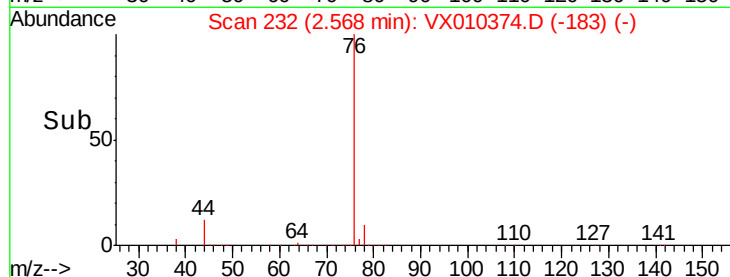
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.614 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010374.D

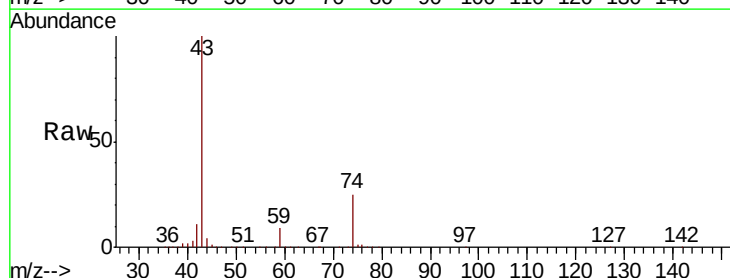
Acq: 21 Jun 2019 10:35

Tgt Ion: 43 Resp: 132332

Ion Ratio Lower Upper

43 100

74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

80000

60000

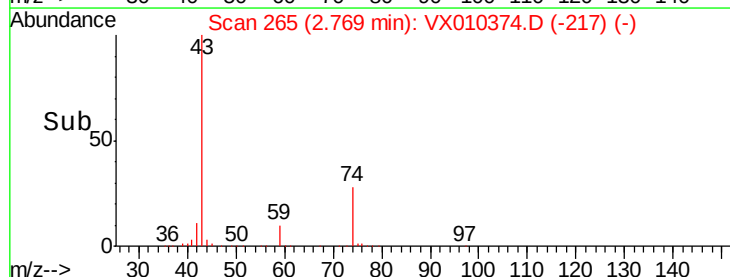
40000

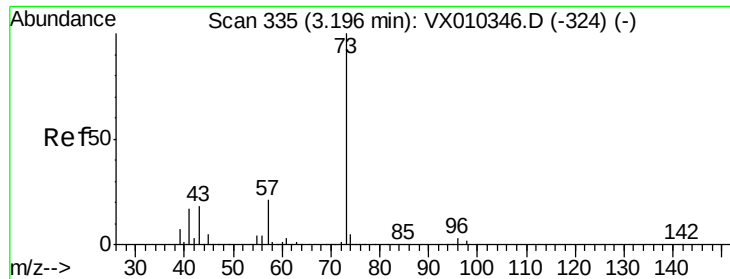
20000

0

2.70 2.75 2.80 2.85

Time-->

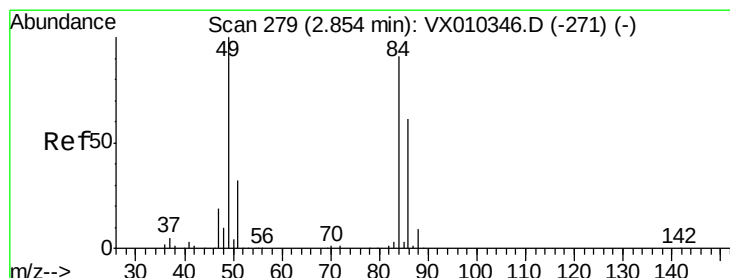
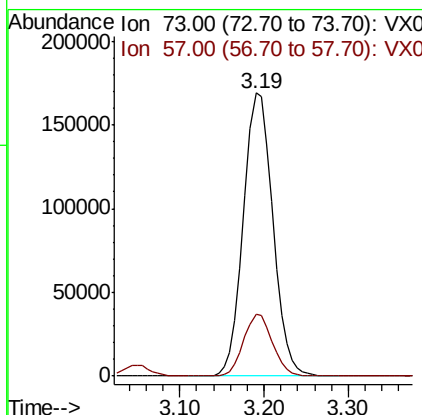
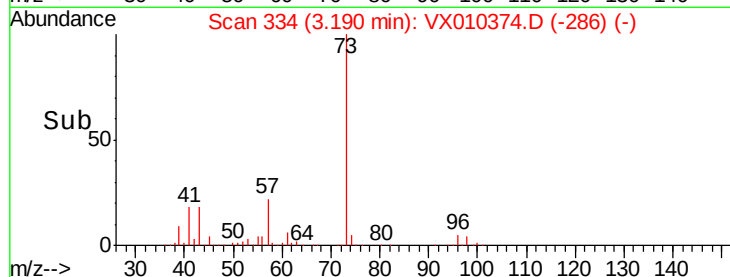
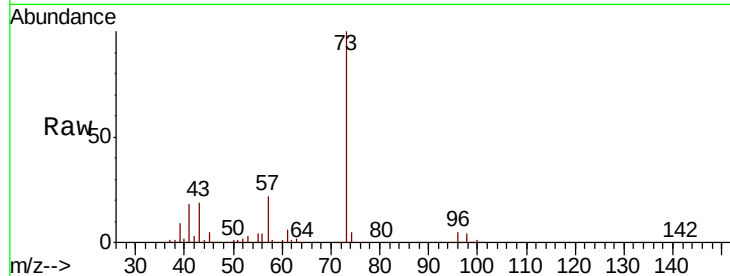




#19
Methyl tert-butyl Ether
Concen: 50.541 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

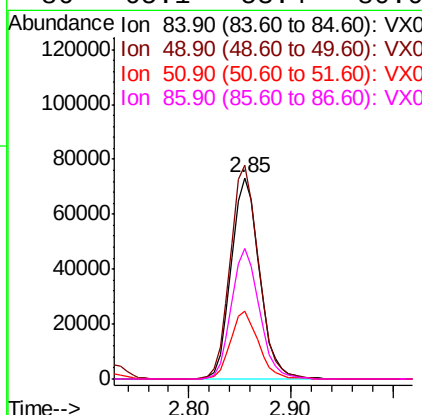
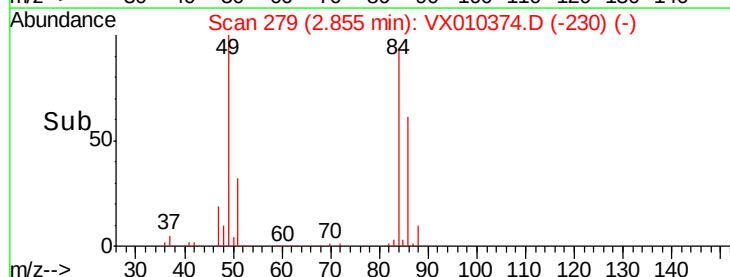
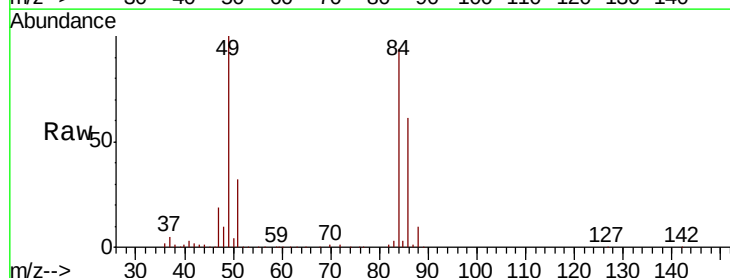
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

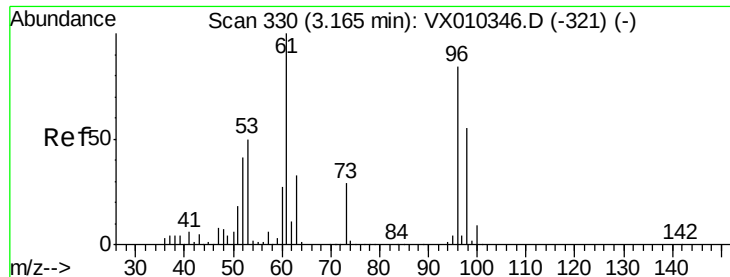
Tot Ion: 73 Resp: 400566
Ion Ratio Lower Upper
73 100
57 21.7 16.4 24.6



#20
Methylene Chloride
Concen: 49.935 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 84 Resp: 140353
Ion Ratio Lower Upper
84 100
49 106.0 87.5 131.3
51 33.5 27.7 41.5
86 65.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 49.842 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

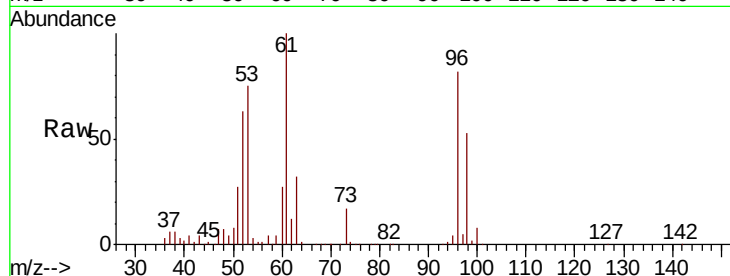
Tot Ion: 96 Resp: 135050

Ion Ratio Lower Upper

96 100

61 121.4 95.6 143.4

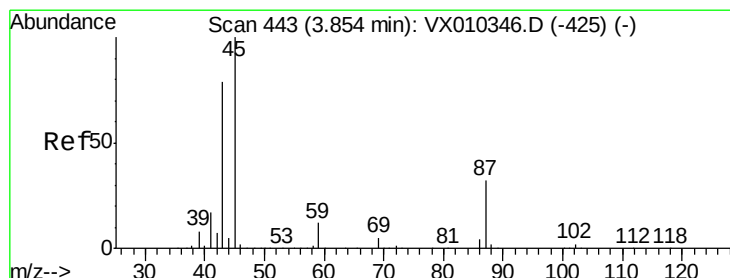
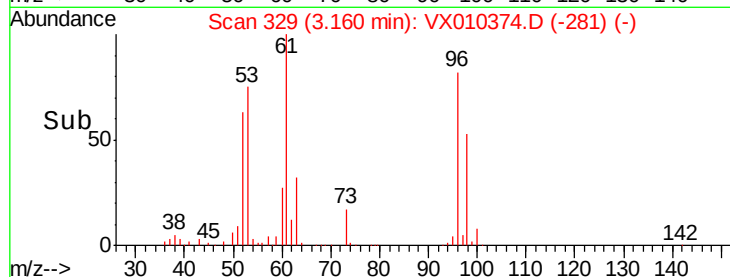
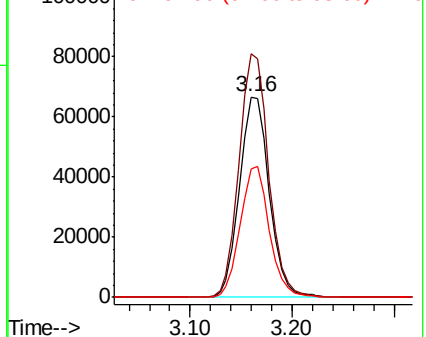
98 64.3 52.5 78.7



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: 50.758 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion: 45 Resp: 379578

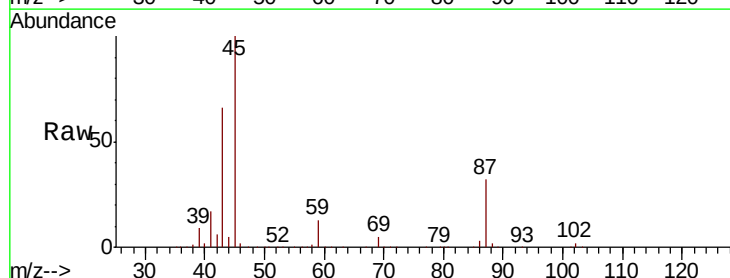
Ion Ratio Lower Upper

45 100

43 65.7 63.3 94.9

87 32.5 25.8 38.8

59 12.5 9.6 14.4

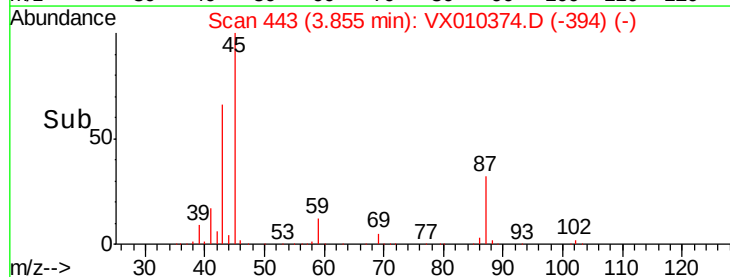
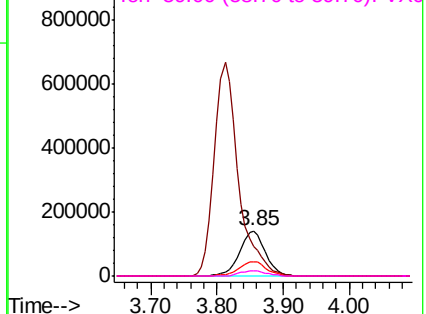


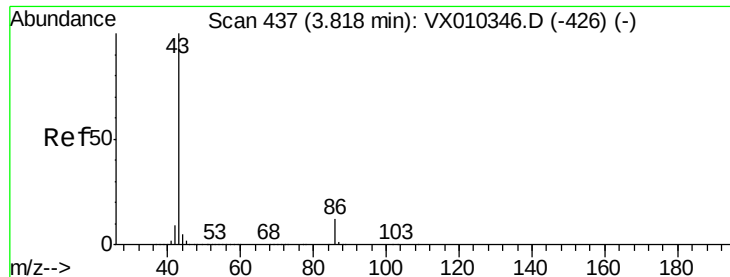
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.050 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

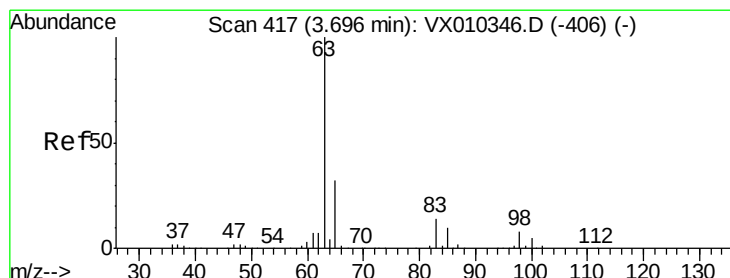
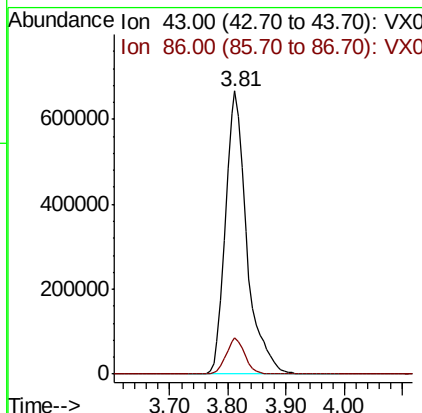
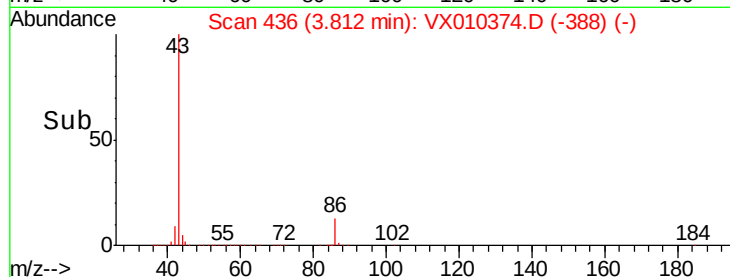
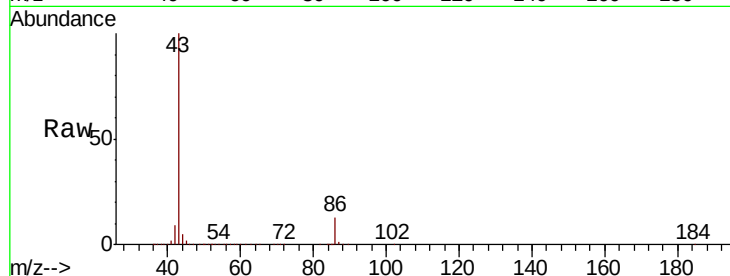
VSTDCCC050

Tot Ion: 43 Resp: 1699390

Ion Ratio Lower Upper

43 100

86 12.7 9.9 14.9



#24

1,1-Dichloroethane

Concen: 50.180 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

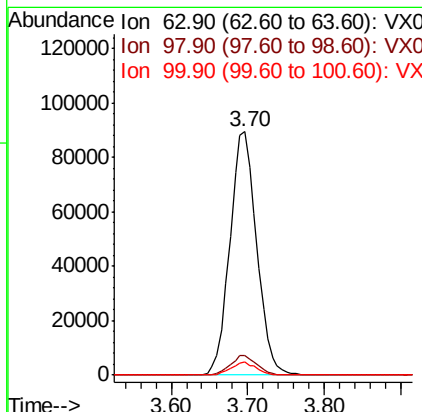
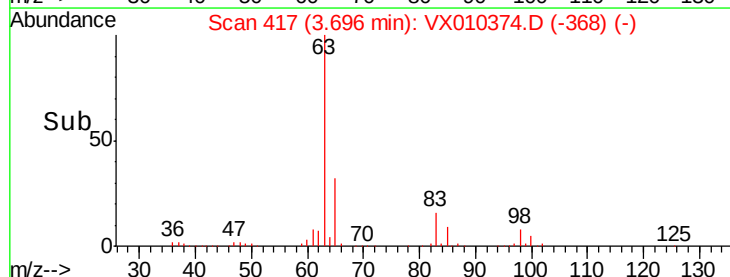
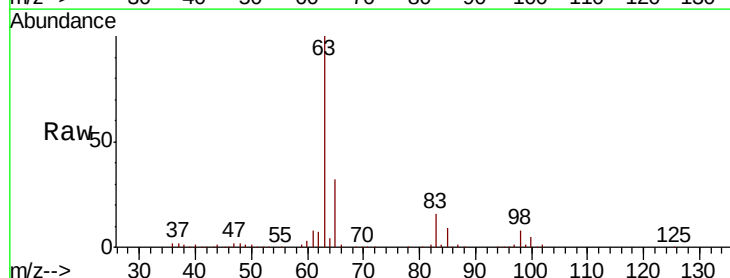
Tgt Ion: 63 Resp: 216911

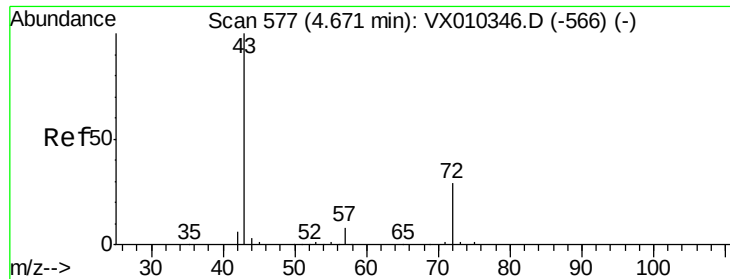
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 254.491 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

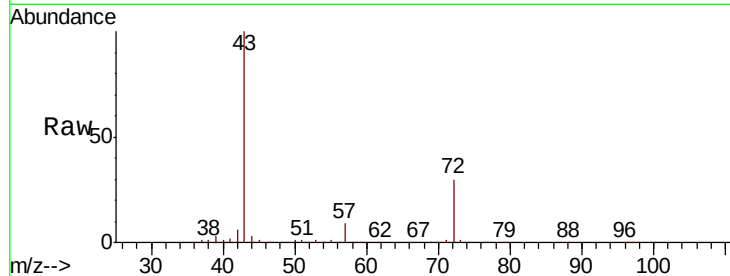
VSTDCCC050

Tot Ion: 43 Resp: 509854

Ion Ratio Lower Upper

43 100

72 30.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

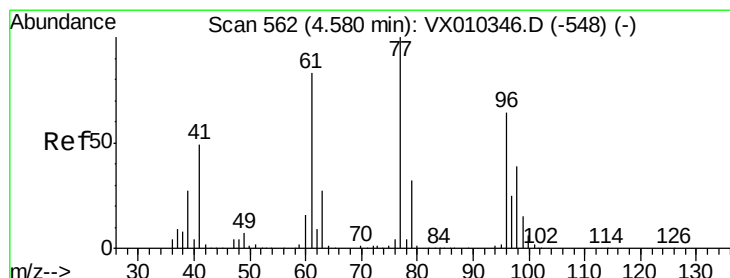
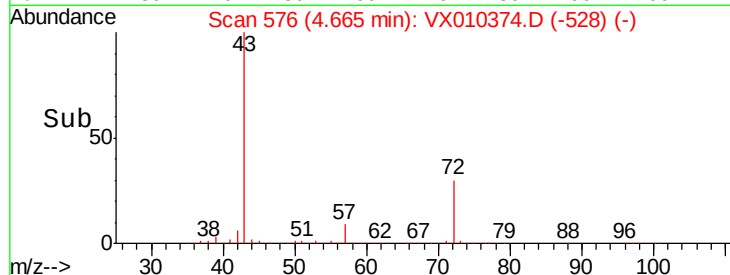
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.165 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010374.D

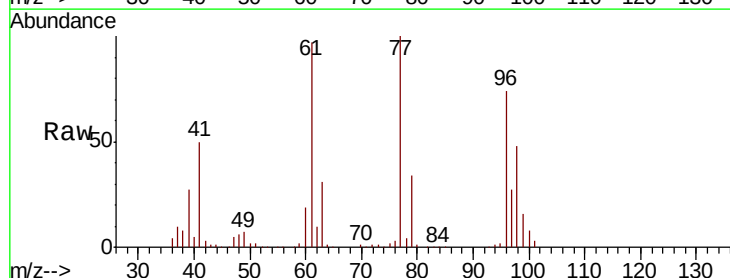
Acq: 21 Jun 2019 10:35

Tgt Ion: 77 Resp: 199638

Ion Ratio Lower Upper

77 100

97 25.4 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

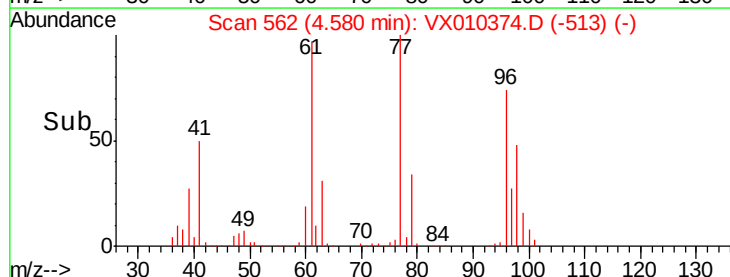
40000

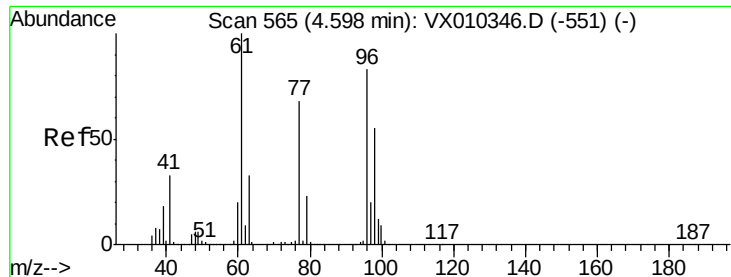
20000

0

4.40 4.50 4.60 4.70

Time-->



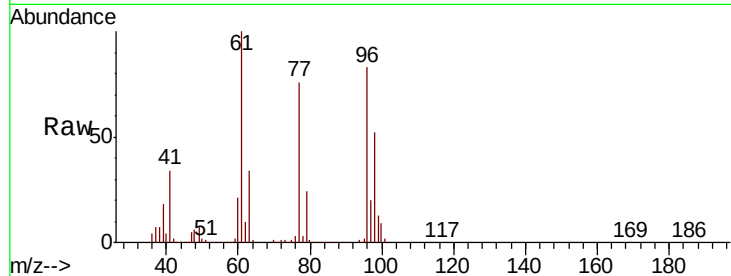


#27

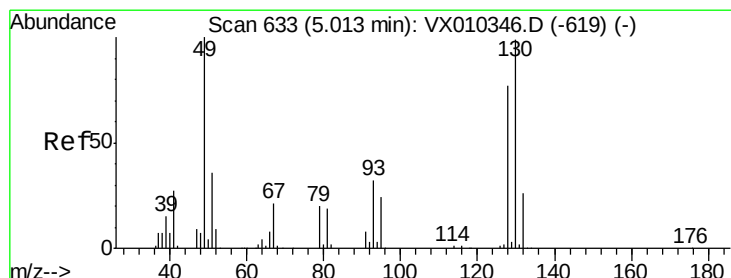
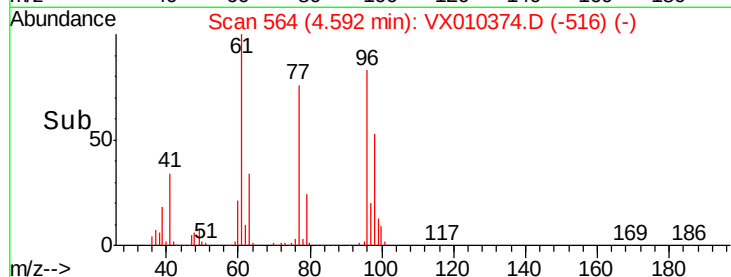
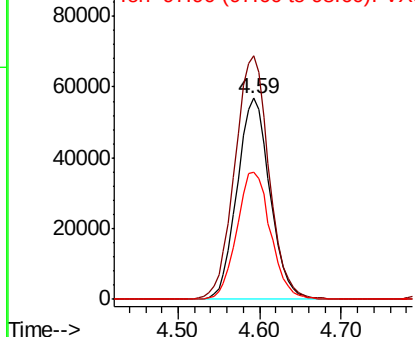
cis-1,2-Dichloroethene
 Concen: 50.751 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 158908
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 251.8
 98 64.8 0.0 129.4



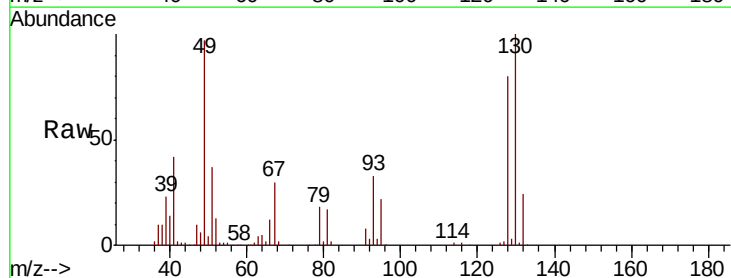
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



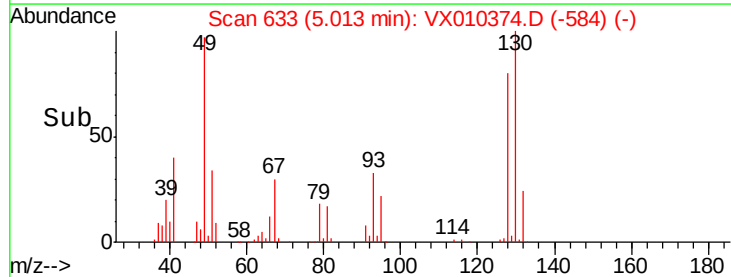
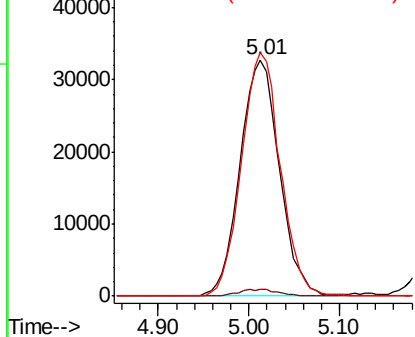
#28

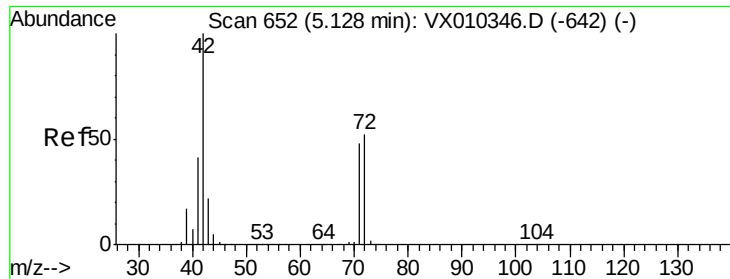
Bromochloromethane
 Concen: 47.663 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 49 Resp: 98506
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 101.6 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

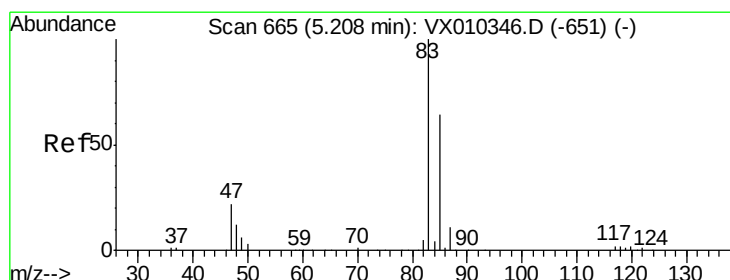
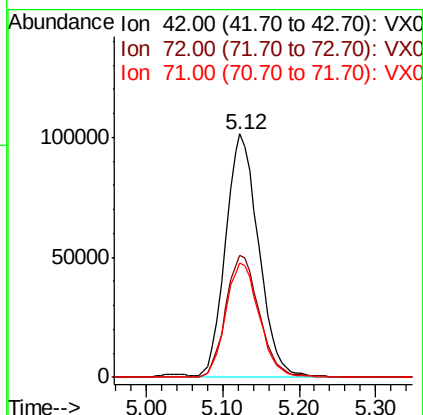
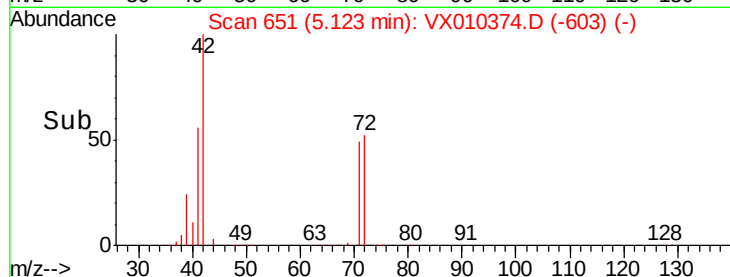
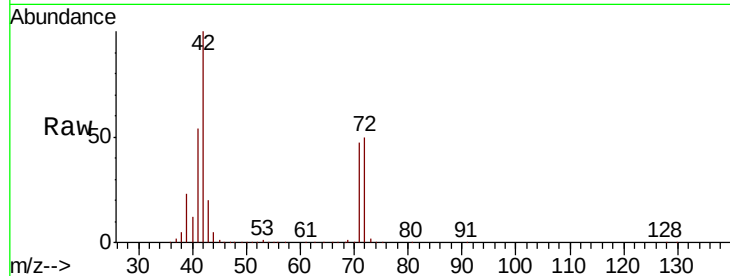




#29
Tetrahydrofuran
Concen: 243.454 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

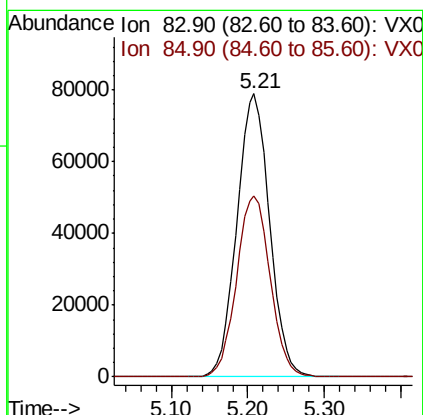
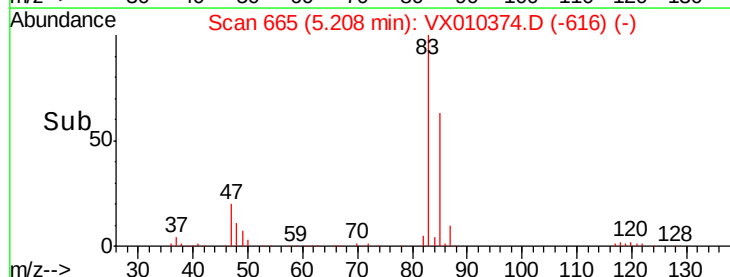
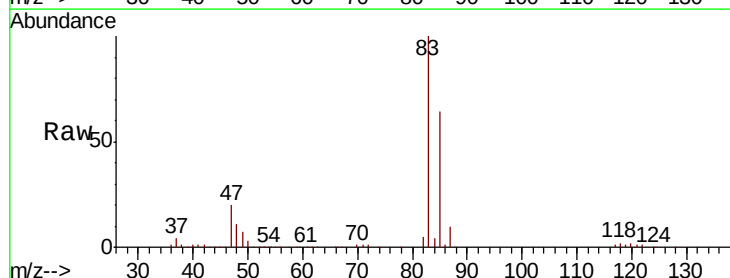
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

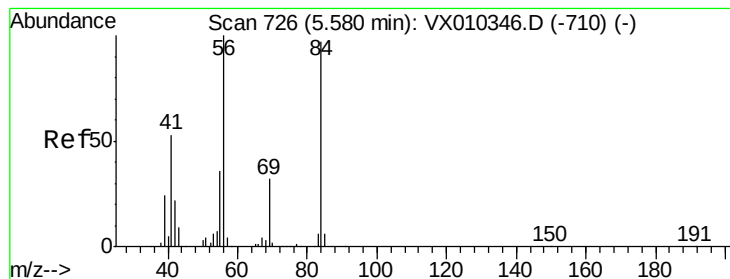
Tot Ion: 42 Resp: 302111
Ion Ratio Lower Upper
42 100
72 51.5 40.6 60.8
71 47.9 37.8 56.8



#30
Chloroform
Concen: 50.377 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 83 Resp: 234300
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3





#31

Cyclohexane

Concen: 51.750 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

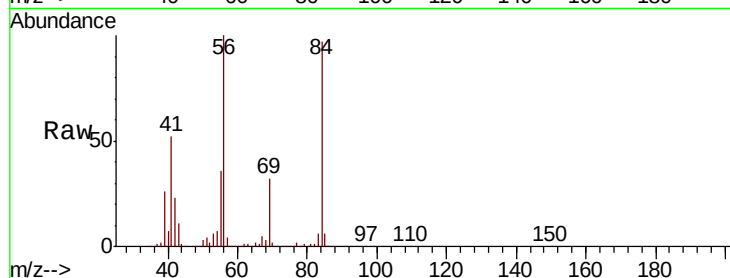
Tot Ion: 56 Resp: 203709

Ion Ratio Lower Upper

56 100

69 32.1 25.9 38.9

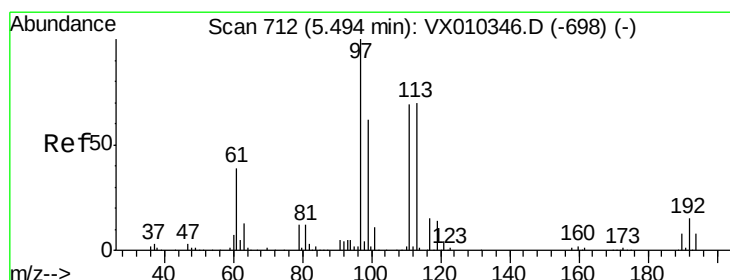
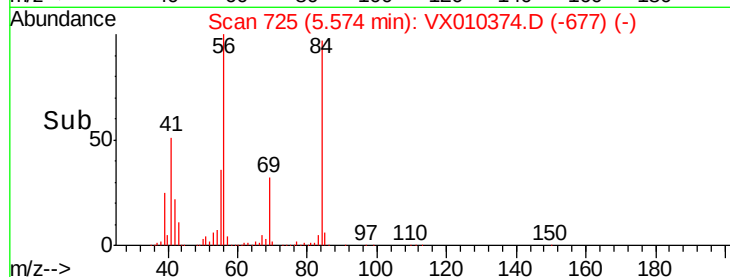
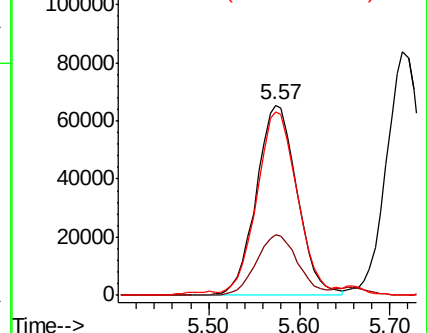
84 95.0 78.0 117.0



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: 51.331 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

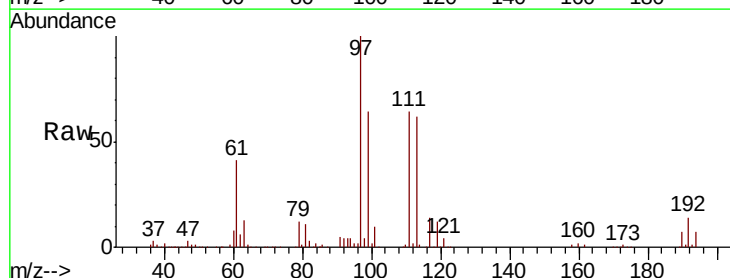
Tgt Ion: 97 Resp: 210804

Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

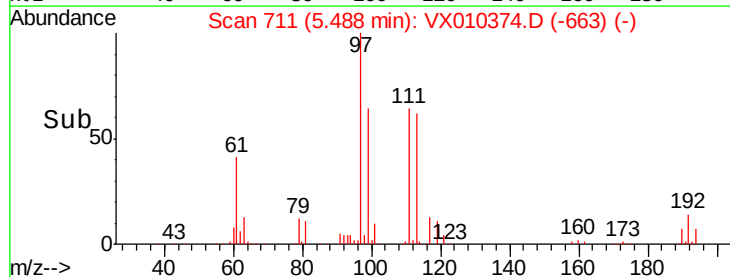
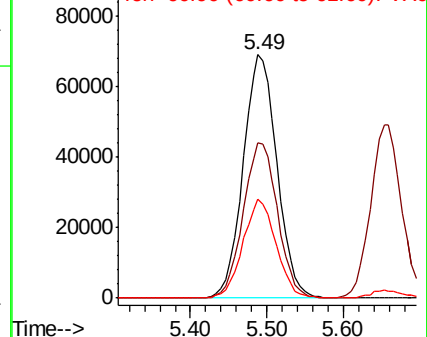
61 40.1 32.1 48.1

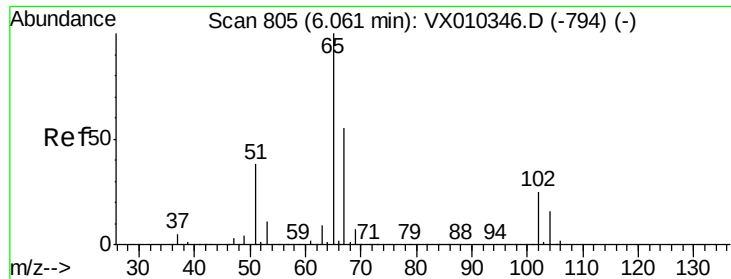


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

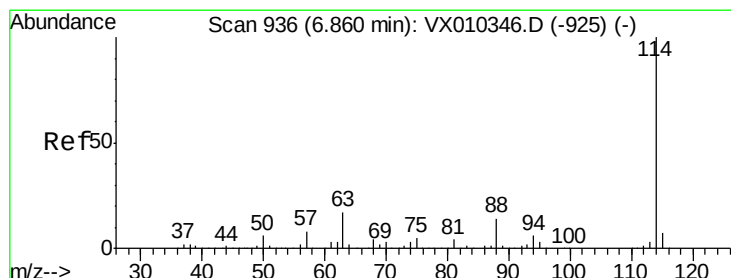
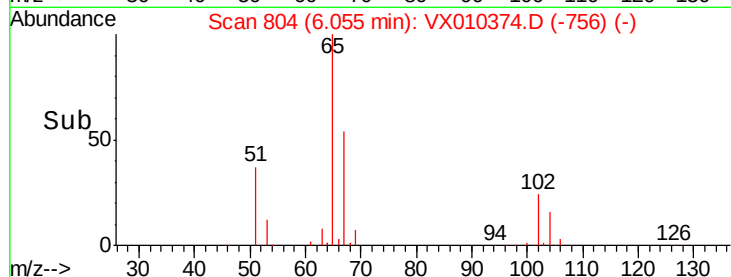
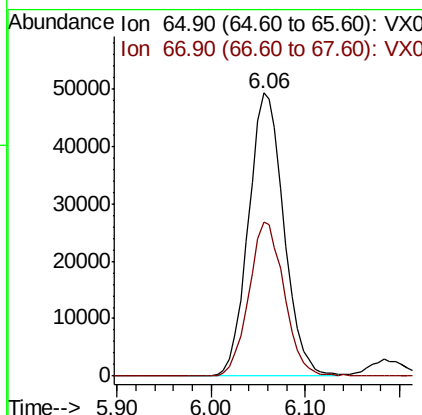
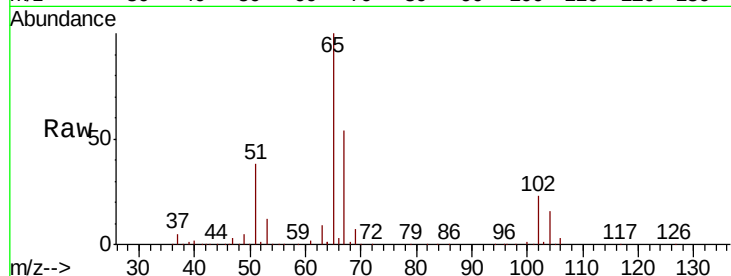




#33
 1,2-Dichloroethane-d4
 Concen: 47.695 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

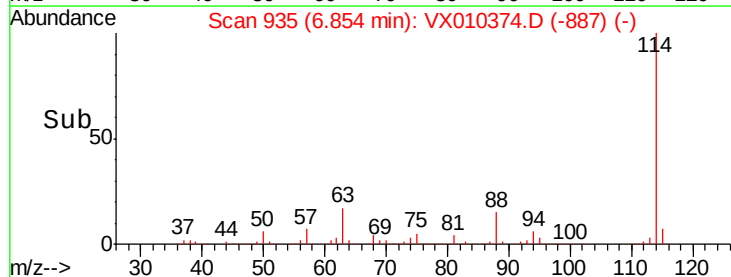
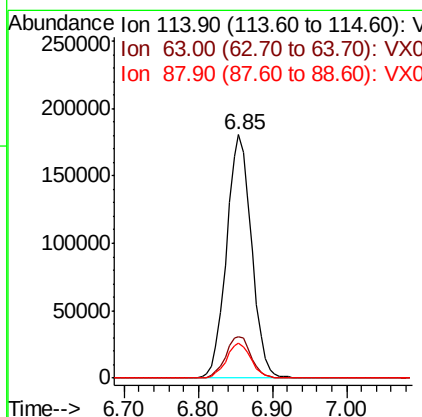
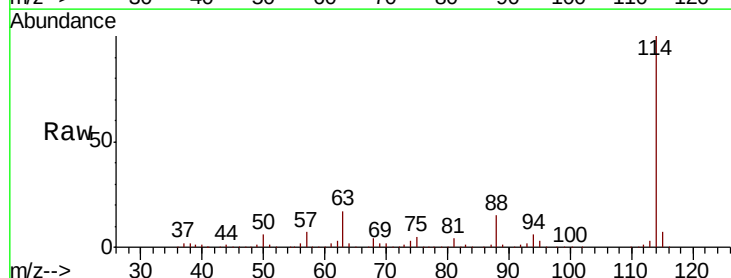
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

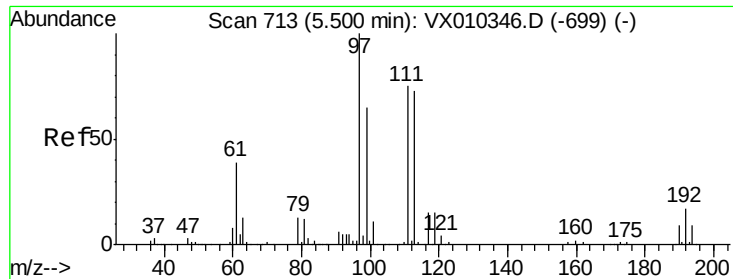
Tot Ion: 65 Resp: 129978
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 114 Resp: 423551
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.6 0.0 27.6

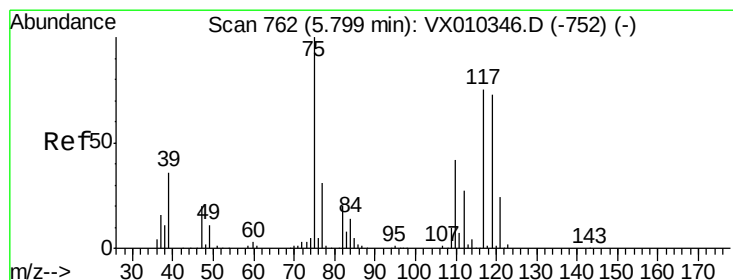
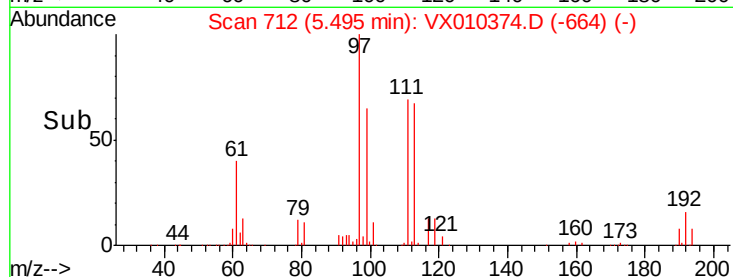
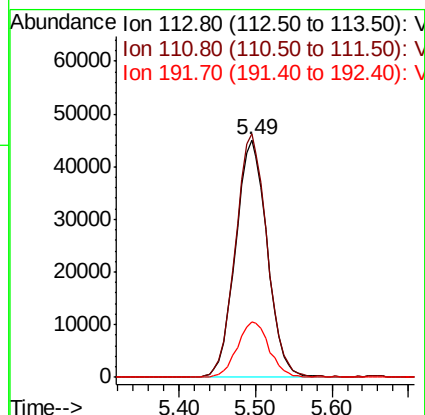
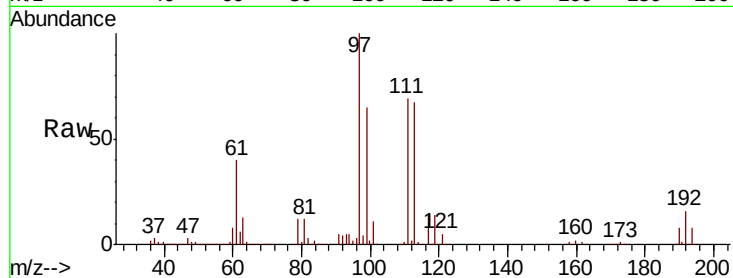




#35
Dibromofluoromethane
Concen: 49.775 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

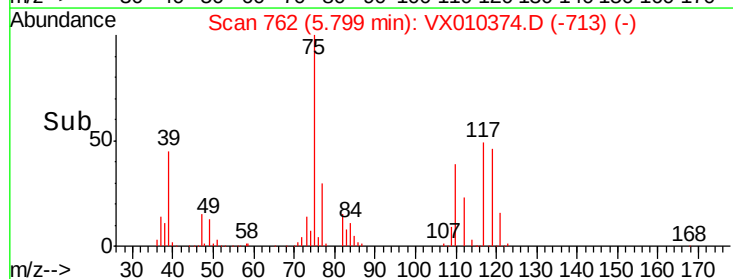
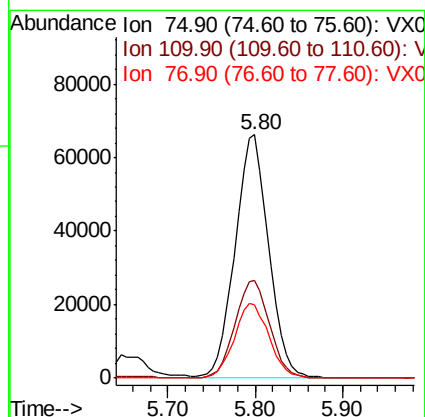
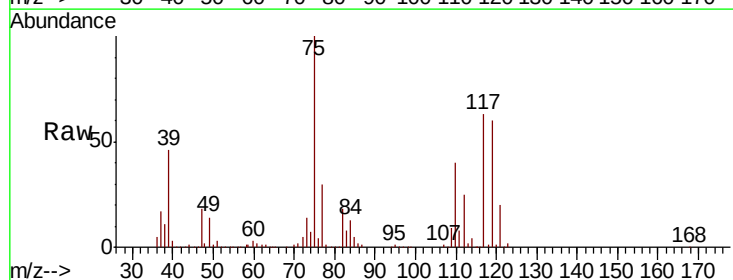
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

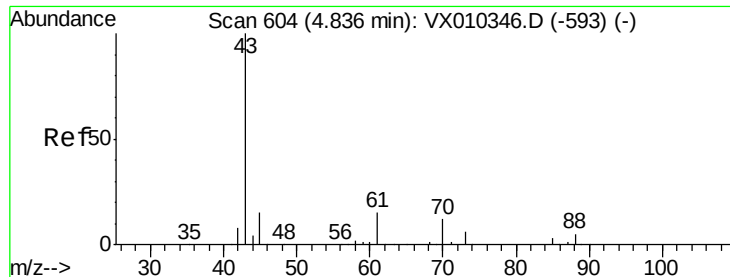
Tot Ion:113 Resp: 128990
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 23.4 18.6 27.8



#36
1,1-Dichloropropene
Concen: 52.221 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 75 Resp: 175763
Ion Ratio Lower Upper
75 100
110 41.5 20.8 62.2
77 31.5 25.4 38.0





#37

Ethyl Acetate

Concen: 51.616 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

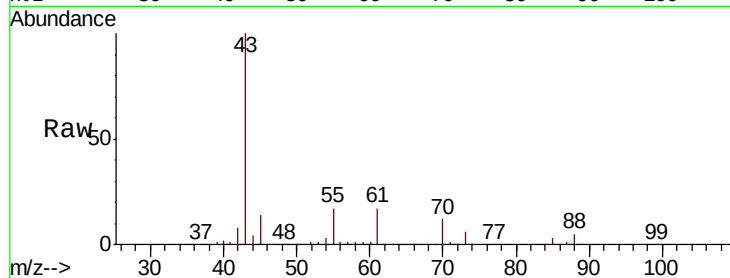
Tot Ion: 43 Resp: 178724

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

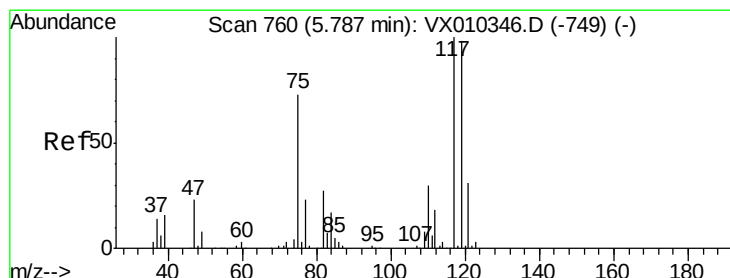
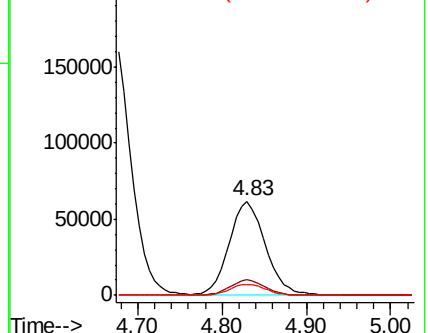
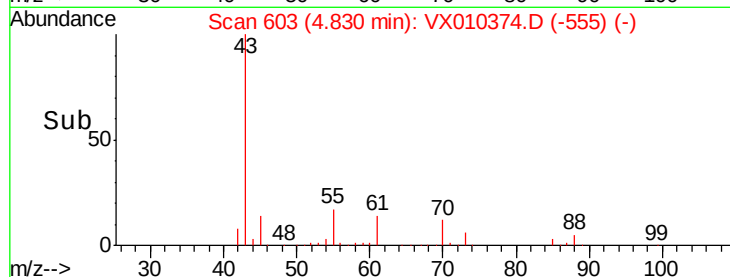
70 12.2 9.8 14.8



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: 52.808 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

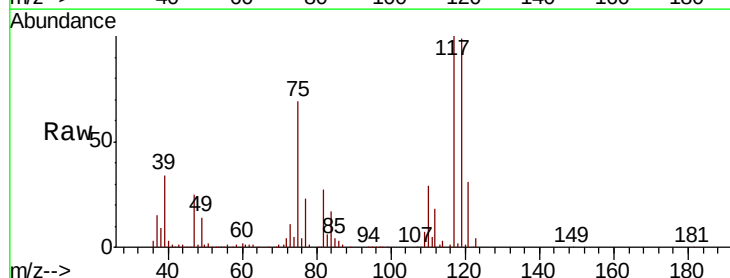
Tgt Ion: 117 Resp: 192470

Ion Ratio Lower Upper

117 100

119 99.2 78.2 117.4

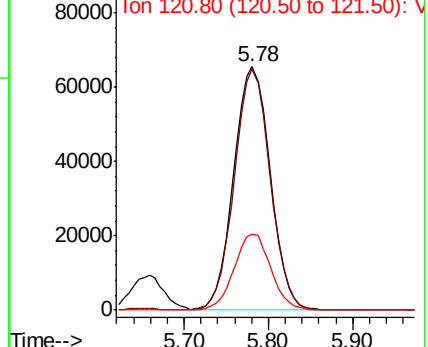
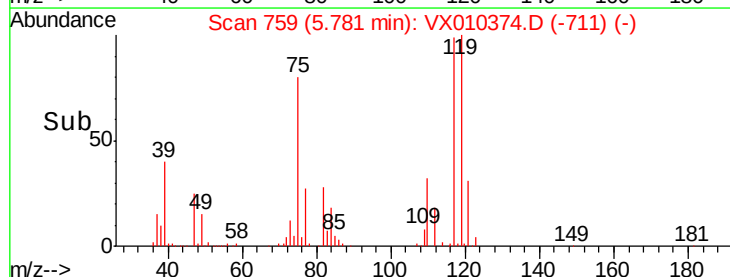
121 31.2 24.7 37.1

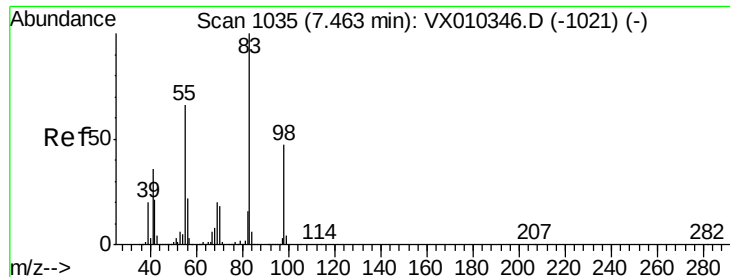


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

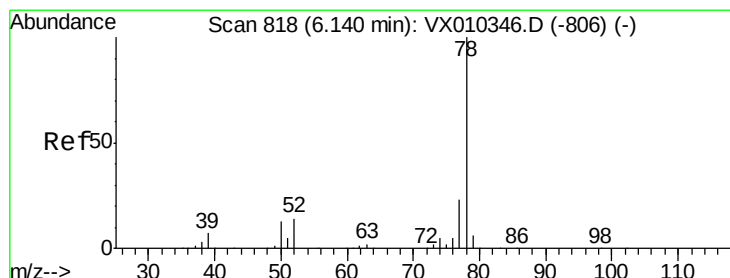
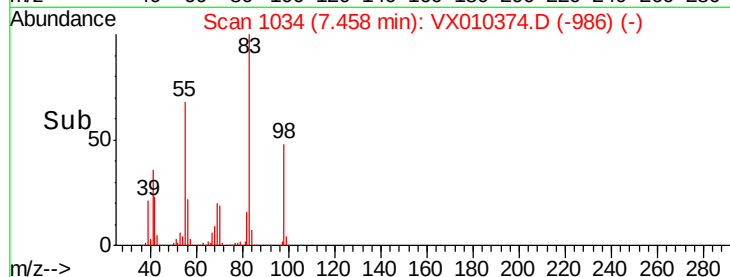
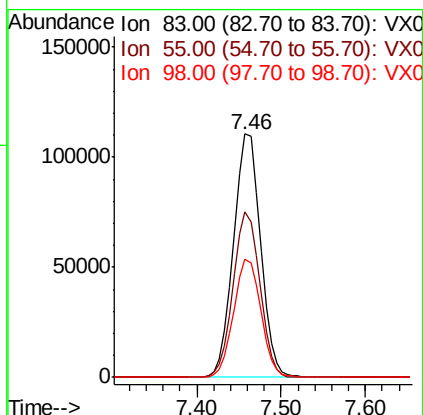
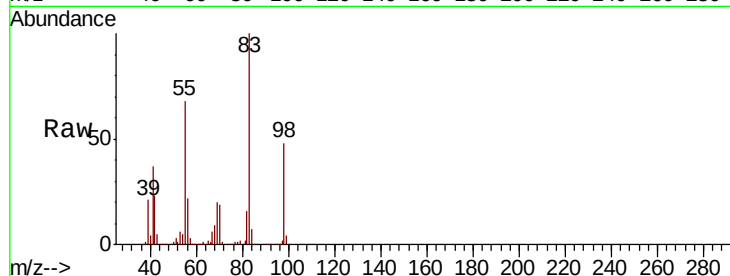




#39
Methylvlcyclohexane
Concen: 54.110 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

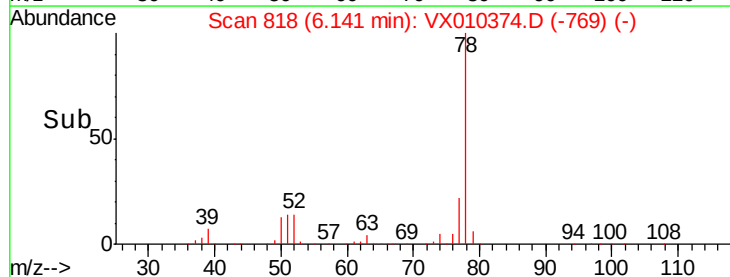
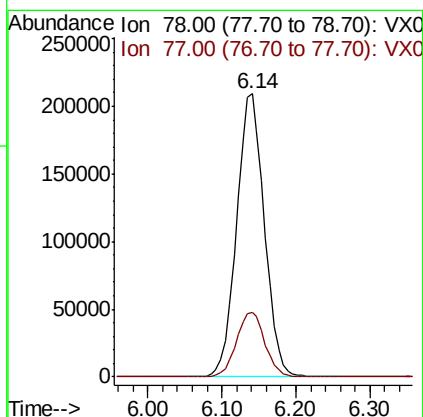
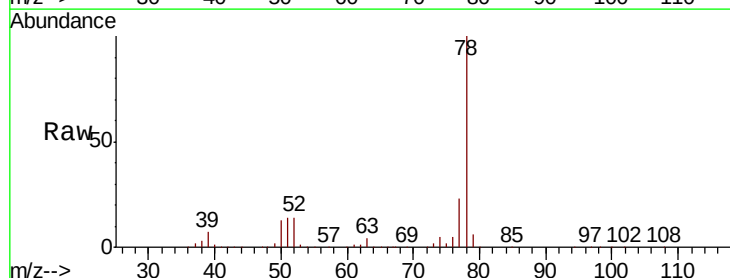
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

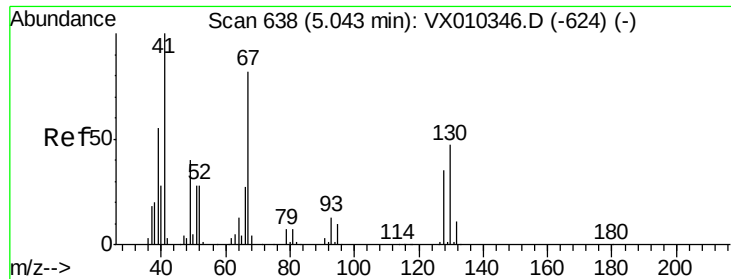
Tot Ion: 83 Resp: 239392
Ion Ratio Lower Upper
83 100
55 67.8 53.0 79.6
98 48.4 37.8 56.8



#40
Benzene
Concen: 52.019 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 78 Resp: 545469
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0





#41

Methacrylonitrile

Concen: 51.563 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 97962

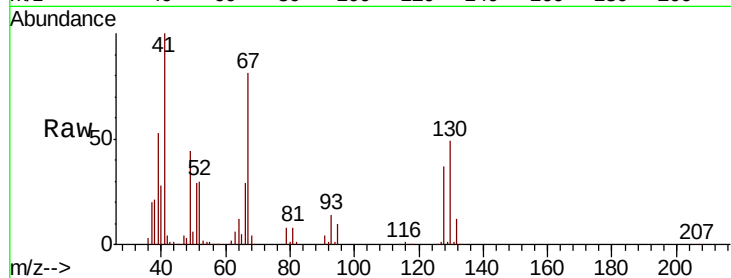
Ion Ratio Lower Upper

41 100

39 53.4 43.8 65.8

67 81.1 66.6 100.0

52 30.2 24.5 36.7

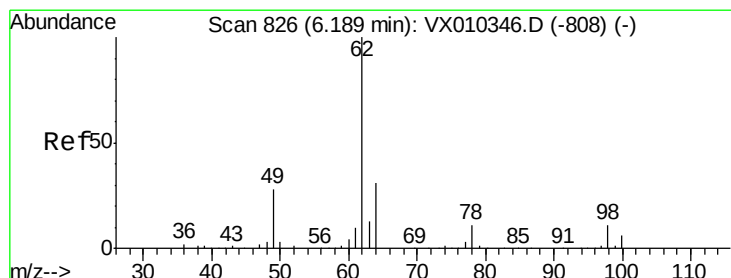
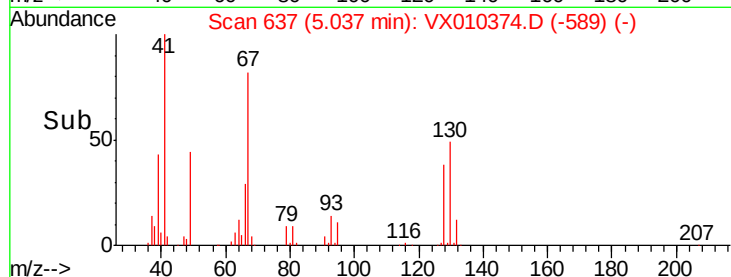
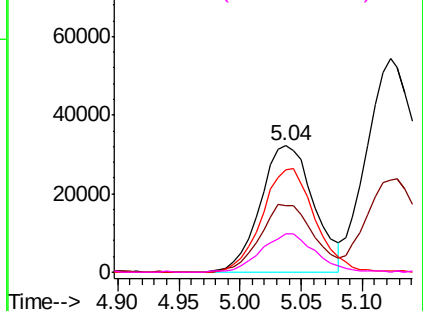


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.005 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010374.D

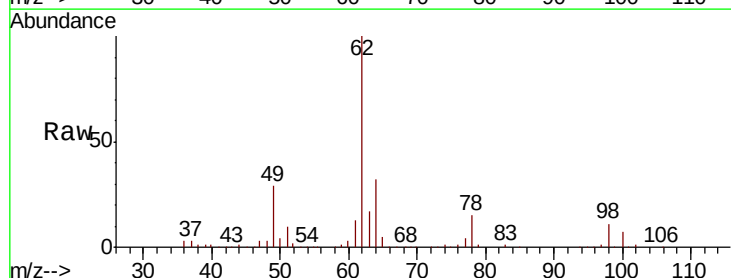
Acq: 21 Jun 2019 10:35

Tgt Ion: 62 Resp: 169190

Ion Ratio Lower Upper

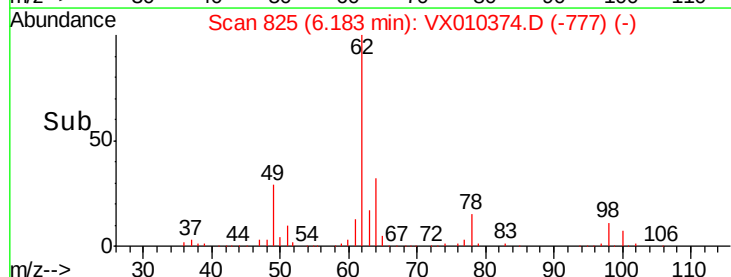
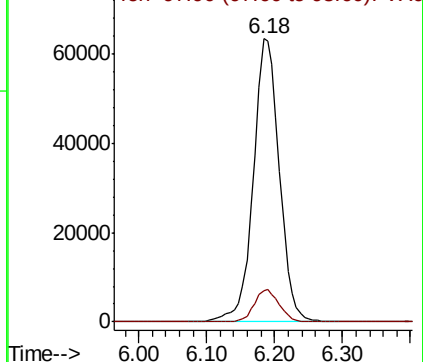
62 100

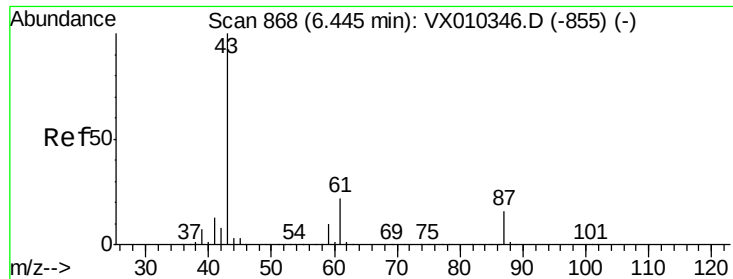
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.743 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

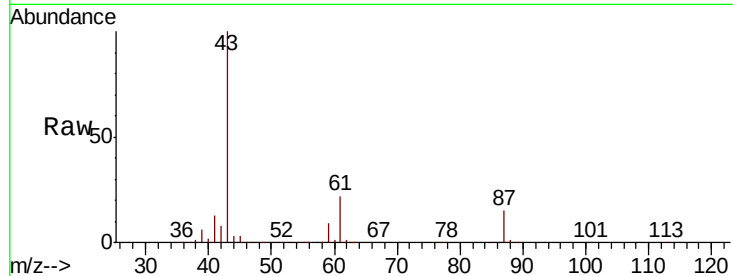
Tot Ion: 43 Resp: 302151

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

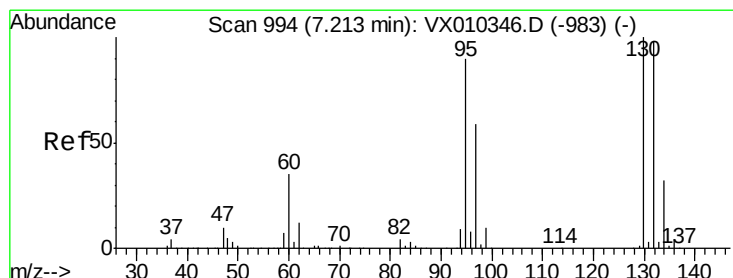
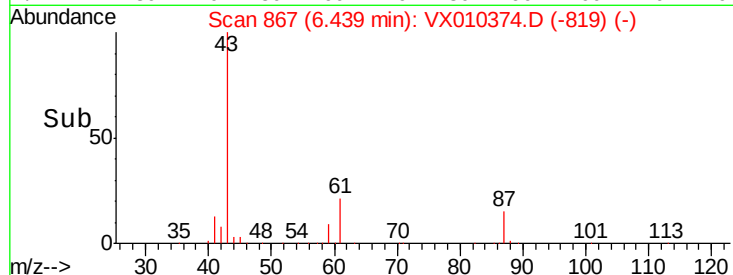
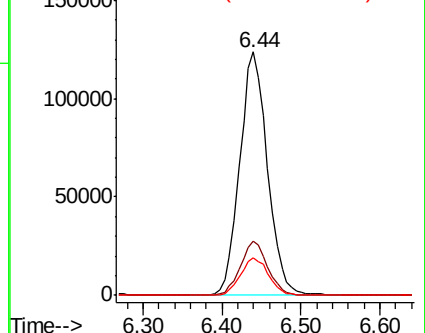
87 15.7 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.399 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010374.D

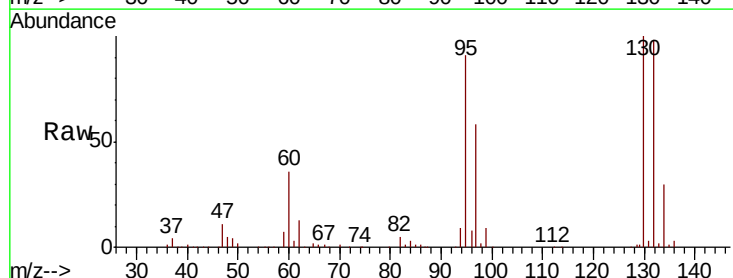
Acq: 21 Jun 2019 10:35

Tgt Ion:130 Resp: 164411

Ion Ratio Lower Upper

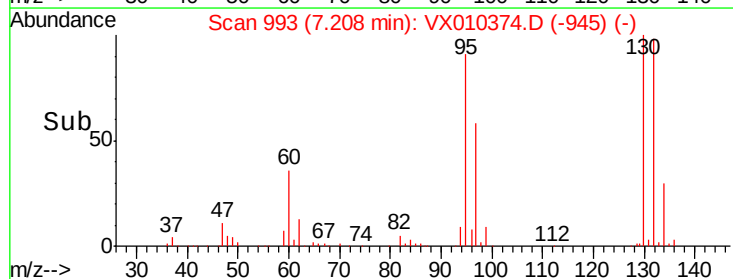
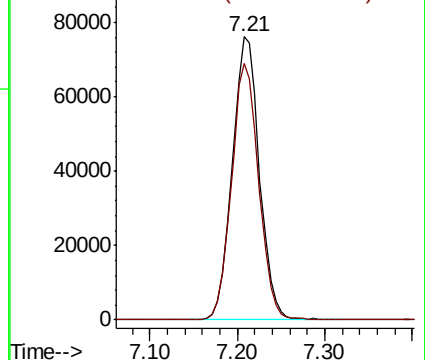
130 100

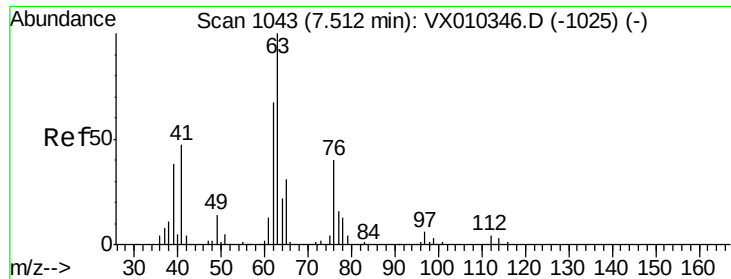
95 90.7 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

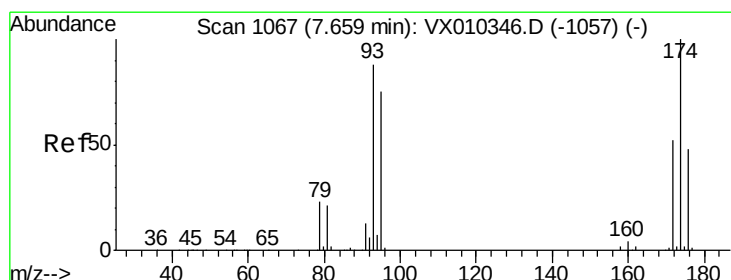
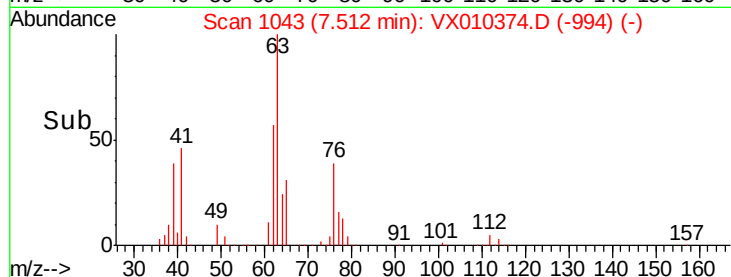
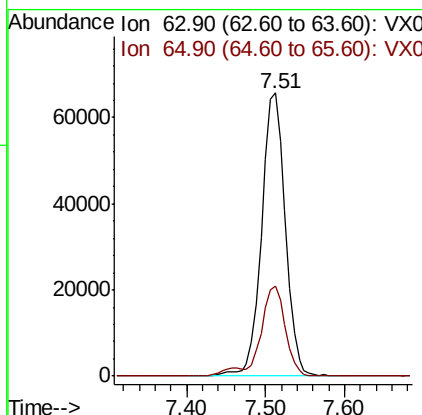
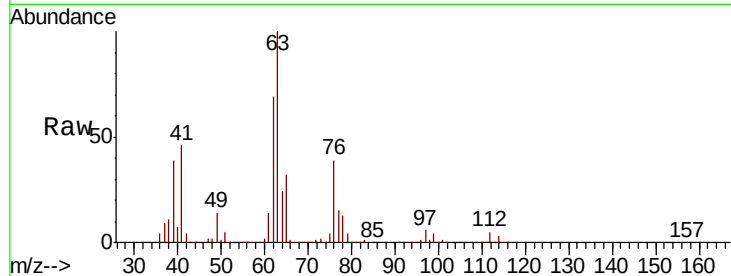




#45
 1,2-Dichloropropane
 Concen: 51.916 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

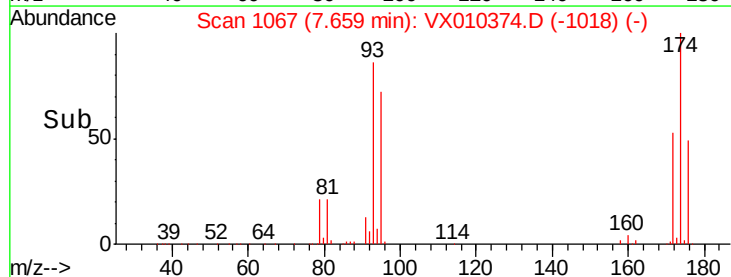
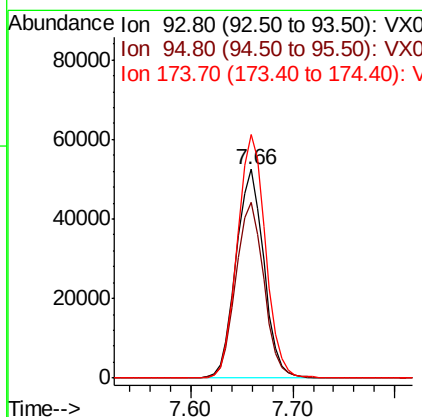
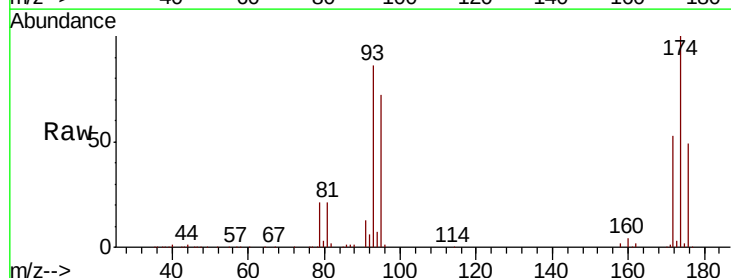
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

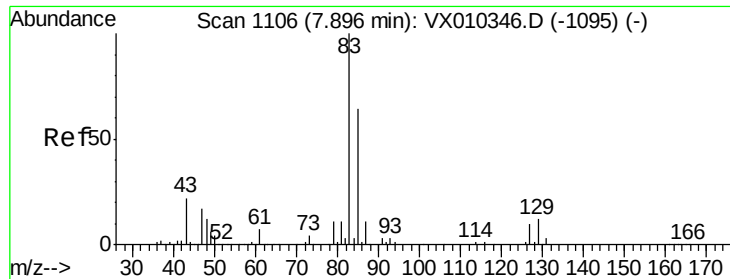
Tot Ion: 63 Resp: 137474
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#46
 Dibromomethane
 Concen: 52.384 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 93 Resp: 99523
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.5 101.3
 174 117.7 95.8 143.6





#47

Bromodichloromethane

Concen: 53.415 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

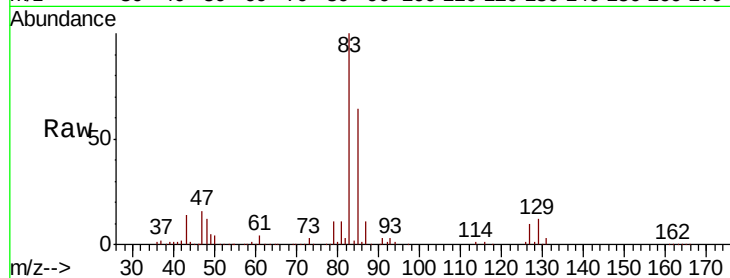
Tot Ion: 83 Resp: 185977

Ion Ratio Lower Upper

83 100

85 64.2 51.5 77.3

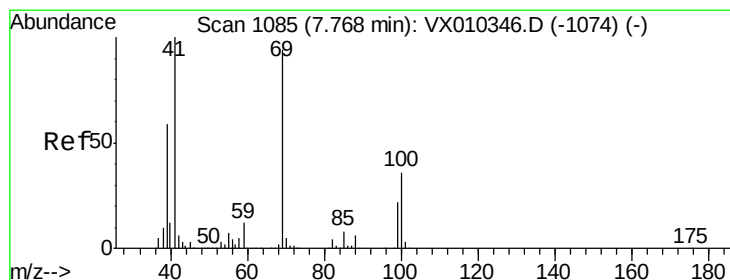
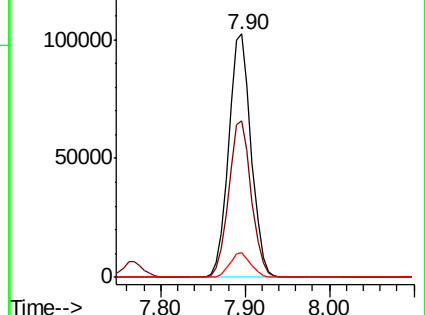
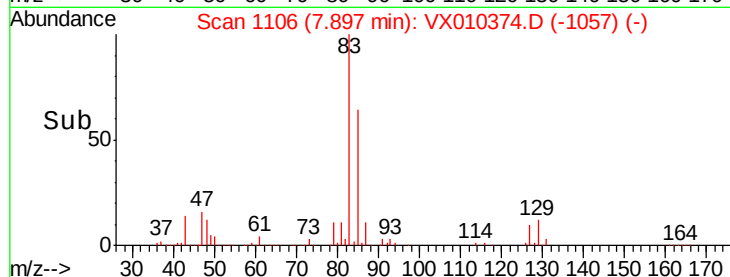
127 10.0 7.8 11.8



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: 53.183 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

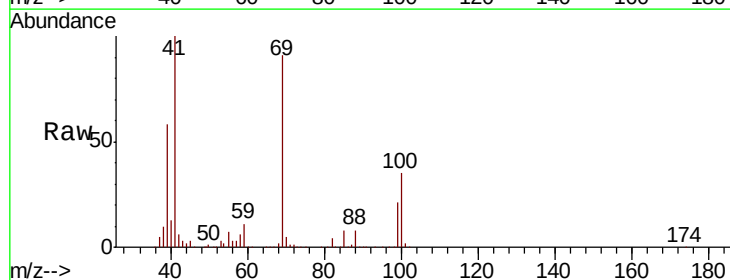
Tgt Ion: 41 Resp: 141616

Ion Ratio Lower Upper

41 100

69 95.9 76.1 114.1

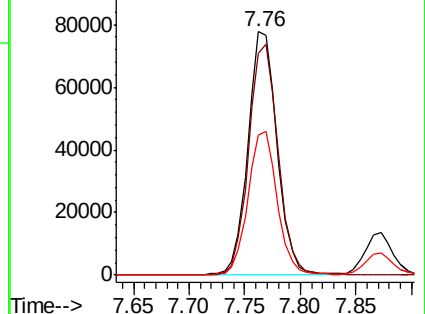
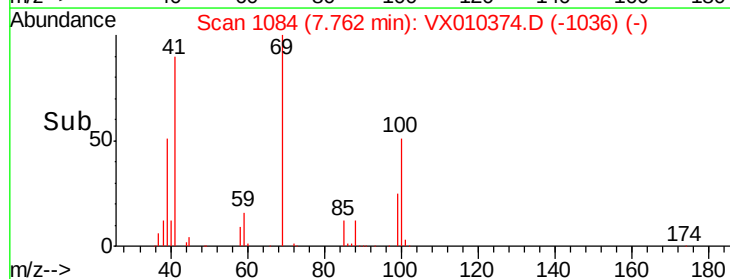
39 58.8 47.6 71.4

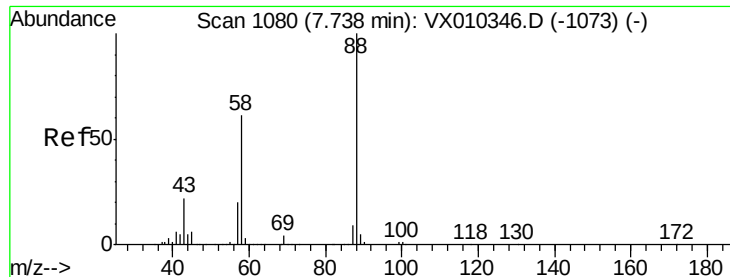


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 962.760 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

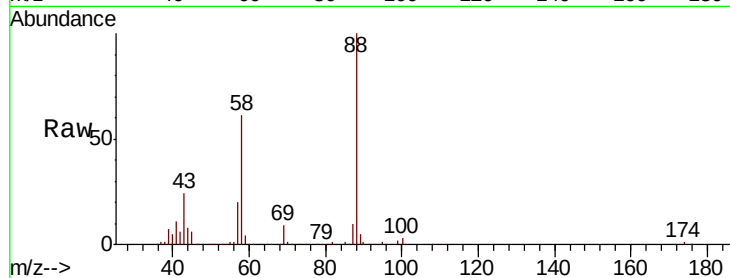
Tot Ion: 88 Resp: 73852

Ion Ratio Lower Upper

88 100

43 26.5 20.2 30.2

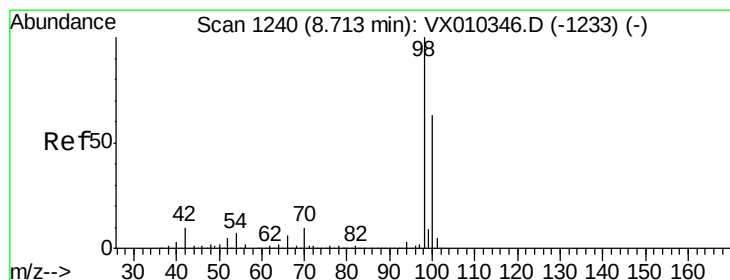
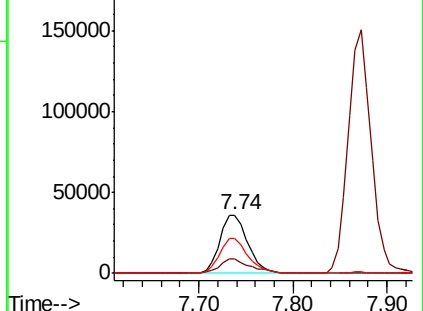
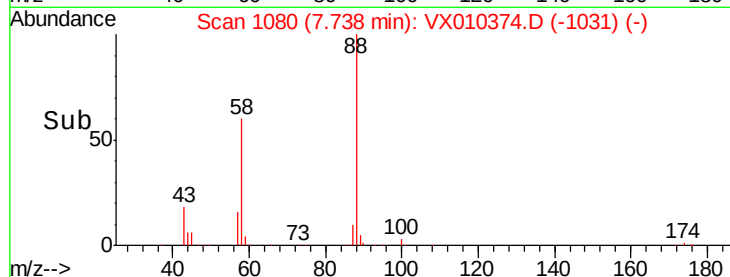
58 61.3 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.658 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010374.D

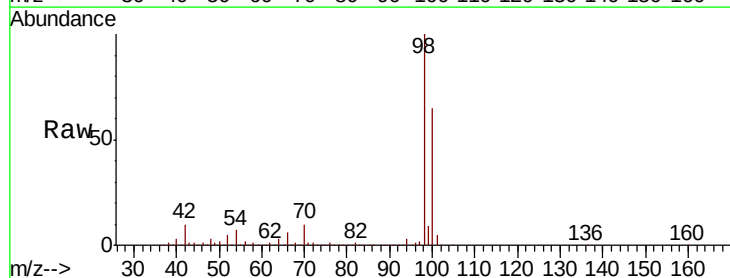
Acq: 21 Jun 2019 10:35

Tgt Ion: 98 Resp: 492324

Ion Ratio Lower Upper

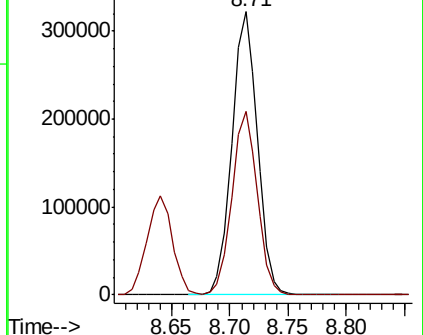
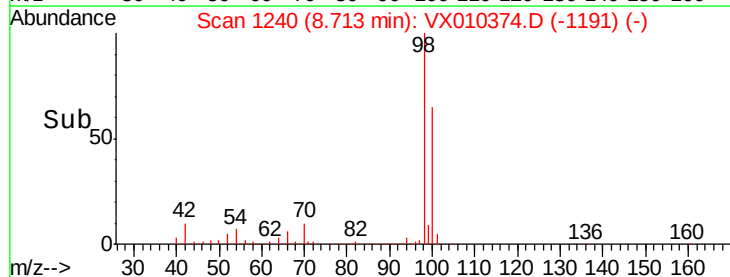
98 100

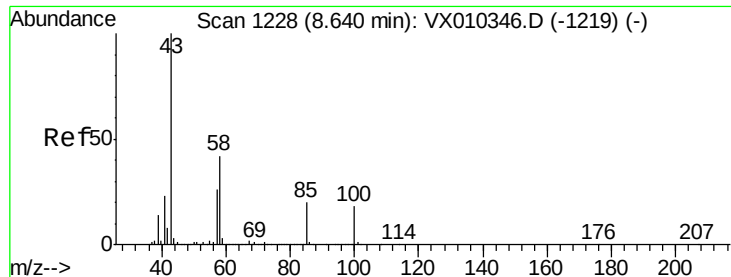
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 258.446 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

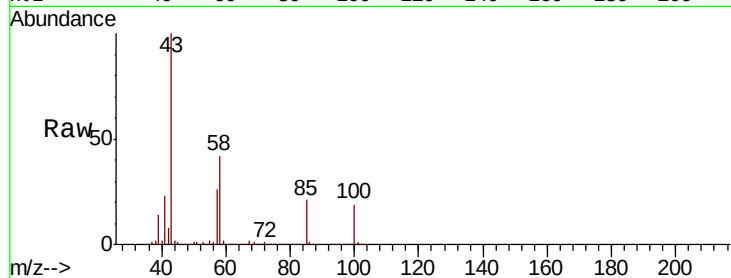
VSTDCCC050

Tot Ion: 43 Resp: 946920

Ion Ratio Lower Upper

43 100

58 41.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

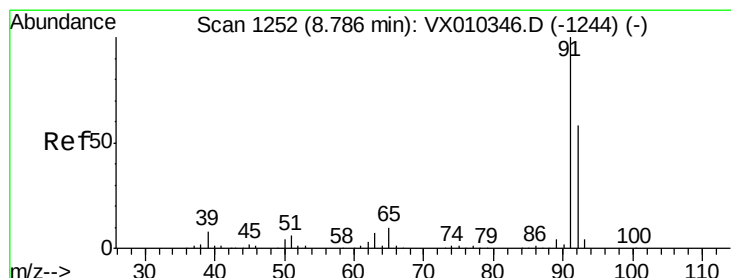
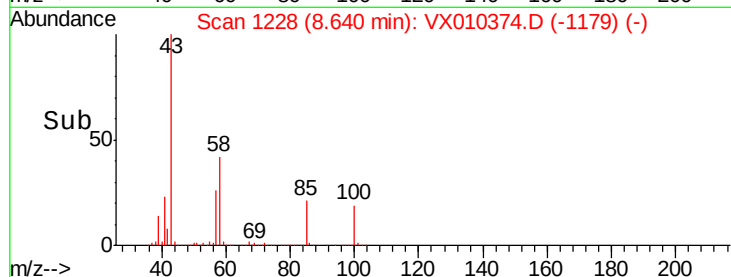
400000

200000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 52.708 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010374.D

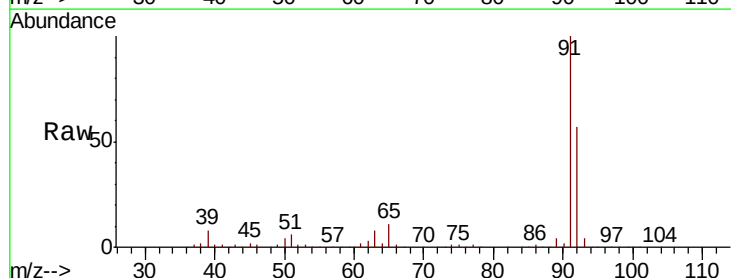
Acq: 21 Jun 2019 10:35

Tgt Ion: 92 Resp: 363971

Ion Ratio Lower Upper

92 100

91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

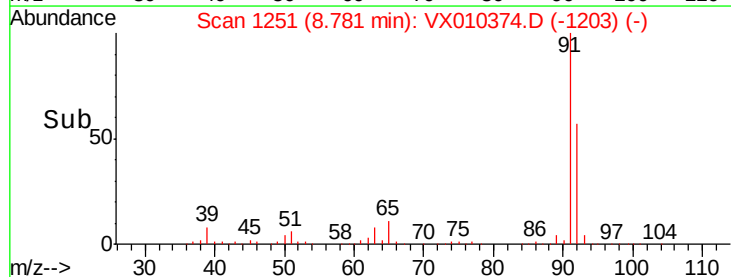
200000

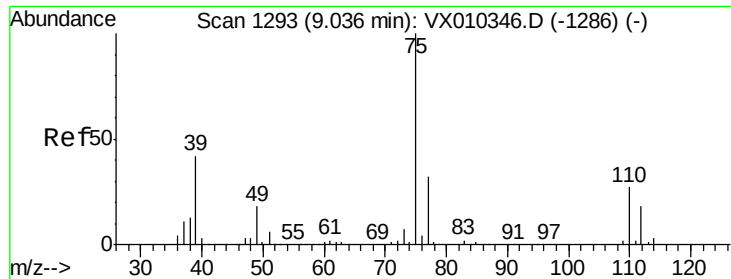
100000

0

Time-->

8.70 8.80 8.90

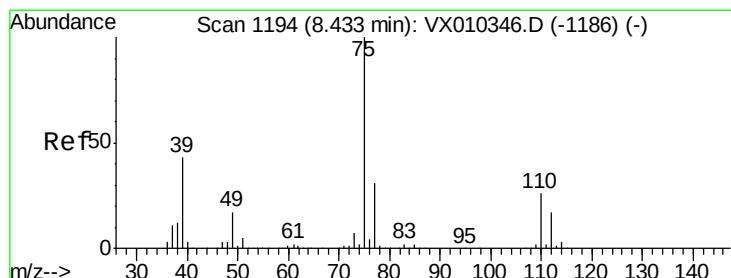
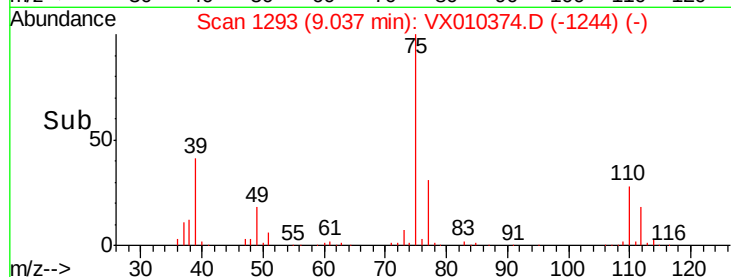
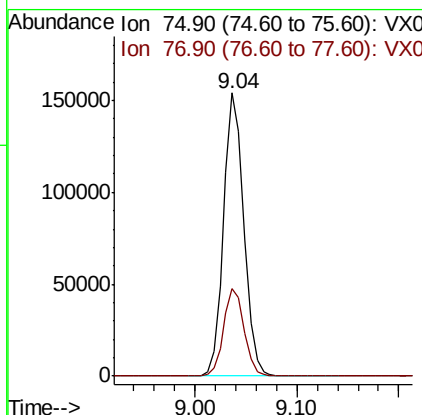
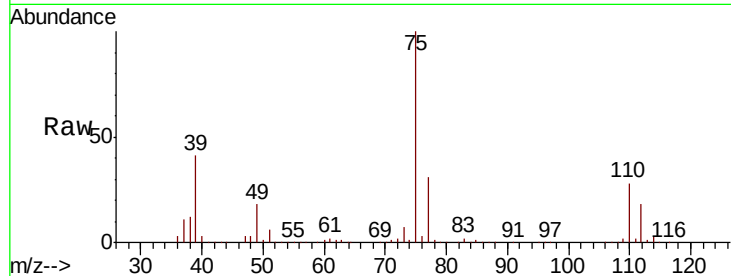




#53
t-1,3-Dichloropropene
Concen: 54.558 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

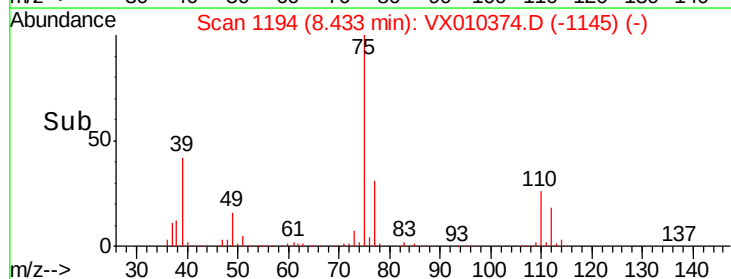
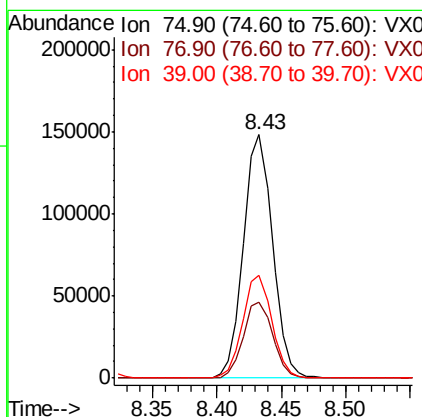
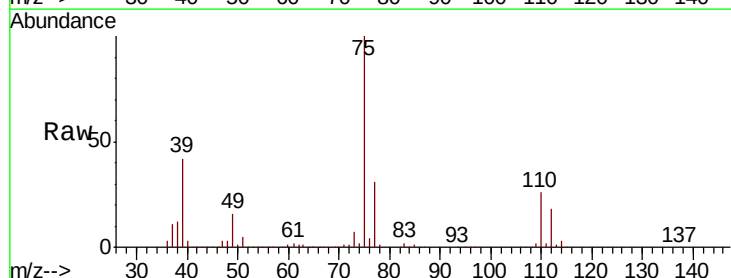
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

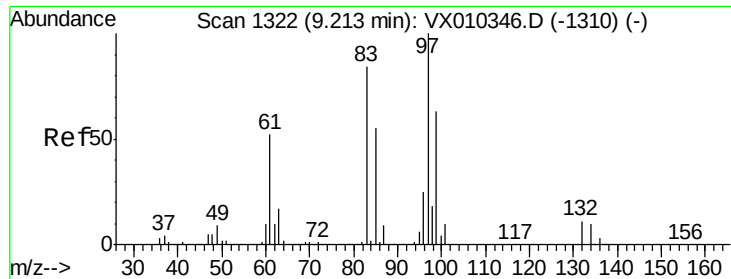
Tot Ion: 75 Resp: 212970
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.674 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 75 Resp: 231929
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 42.2 34.5 51.7

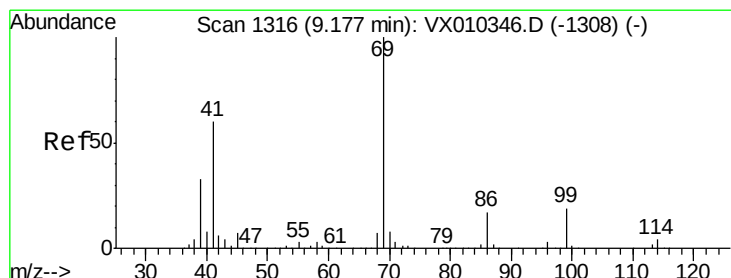
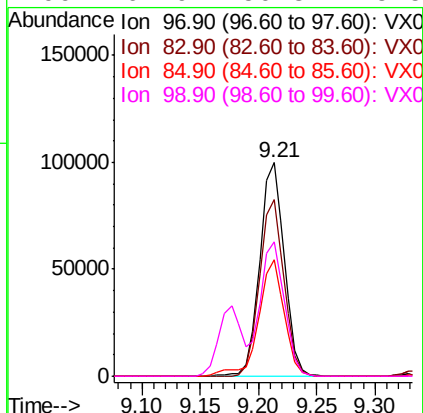
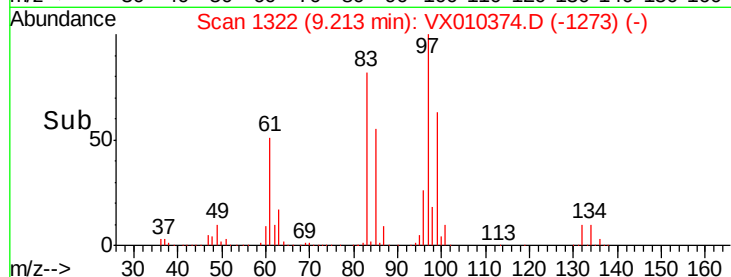
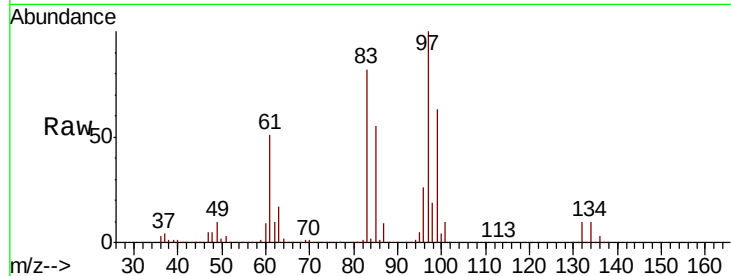




#55
1,1,2-Trichloroethane
Concen: 51.711 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

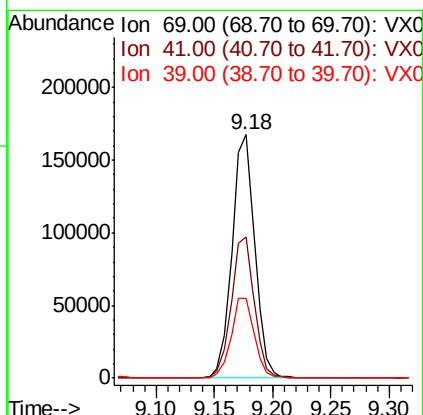
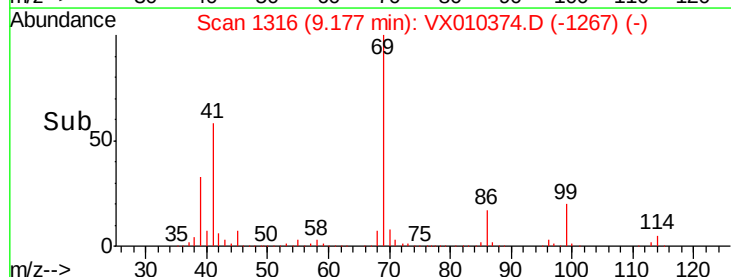
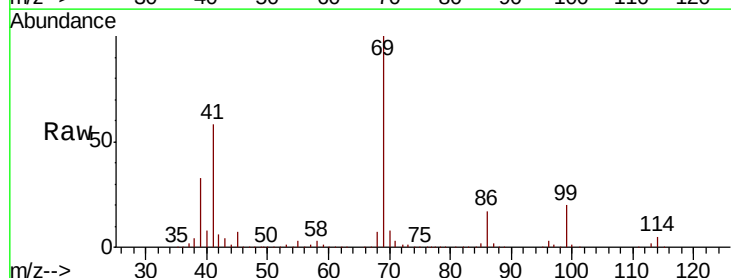
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

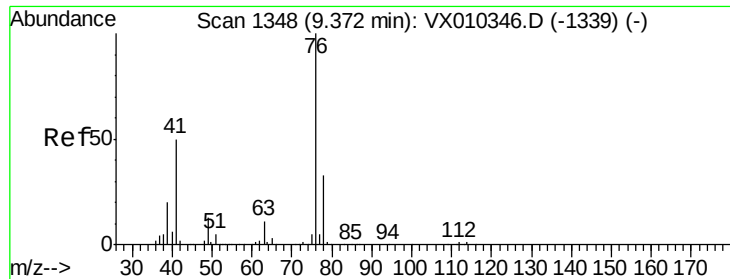
Tot Ion:	97	Resp:	147269
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.0
85	54.6	43.8	65.8
99	62.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.062 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:	69	Resp:	228920
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.1	70.7
39	33.9	26.6	40.0

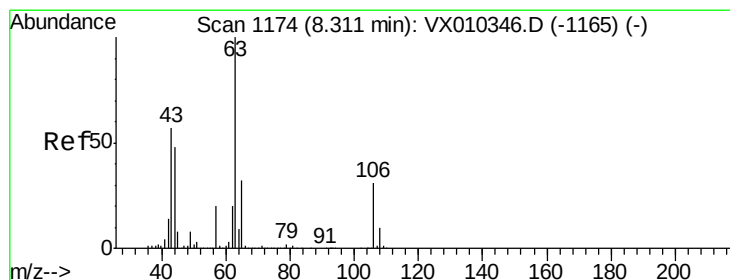
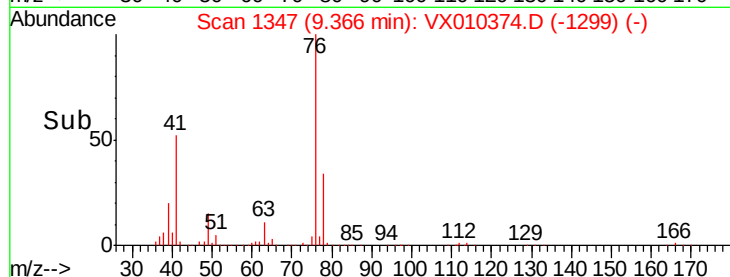
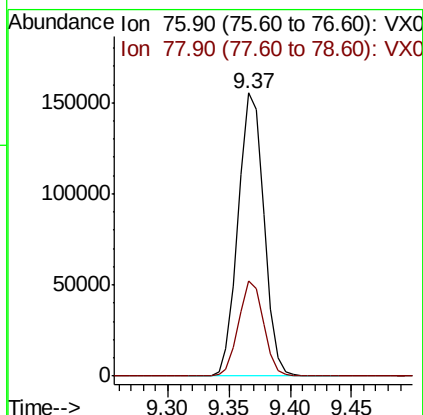
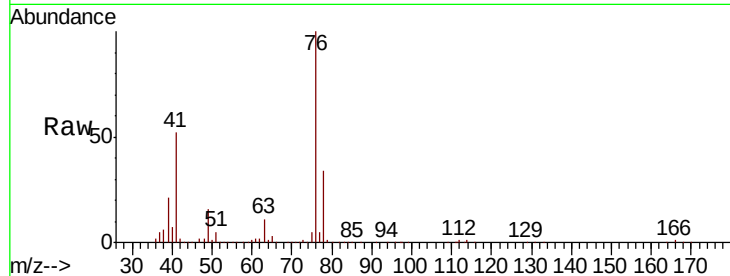




#57
 1,3-Dichloropropane
 Concen: 51.336 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

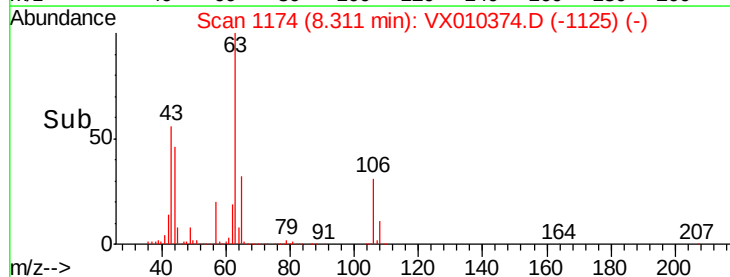
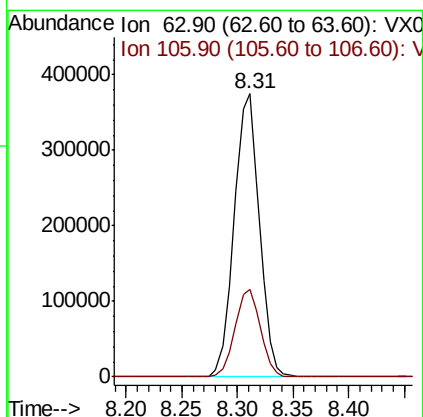
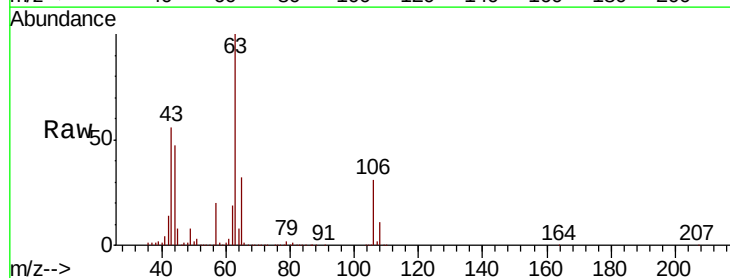
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

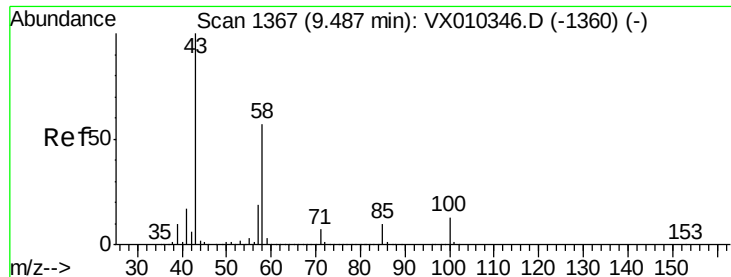
Tot Ion: 76 Resp: 226950
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.538 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion: 63 Resp: 587102
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1

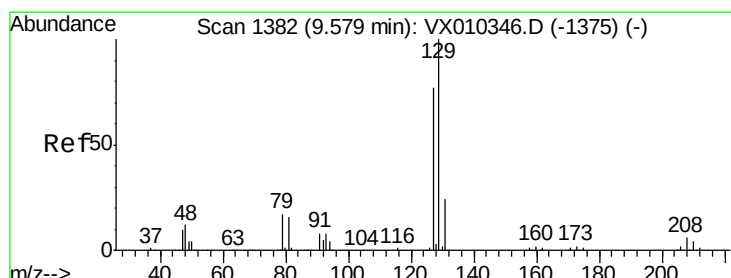
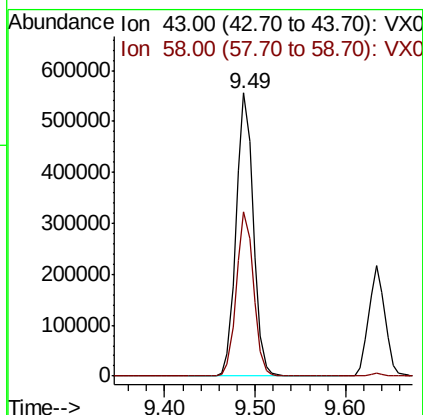
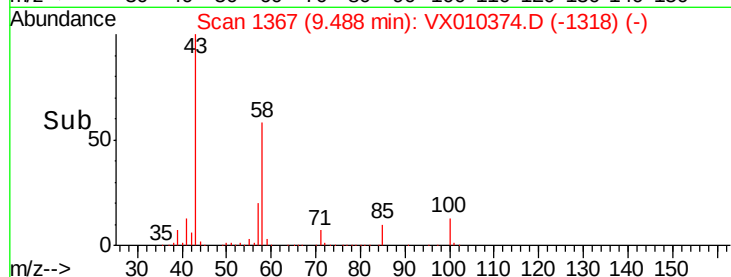
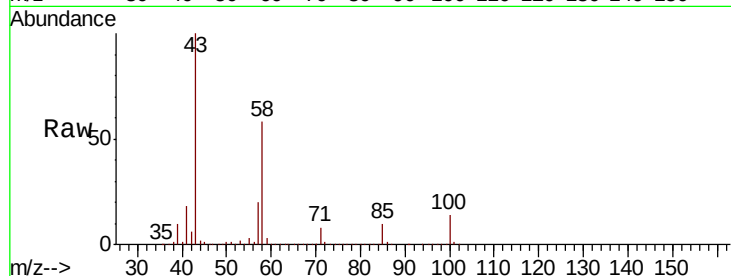




#59
2-Hexanone
Concen: 253.393 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

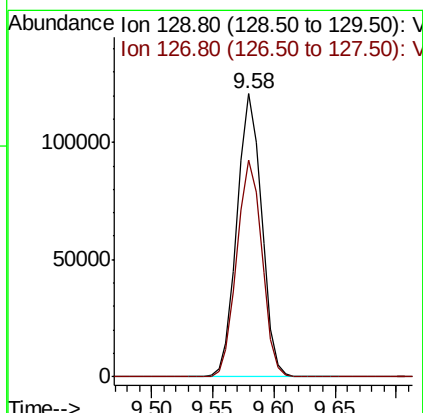
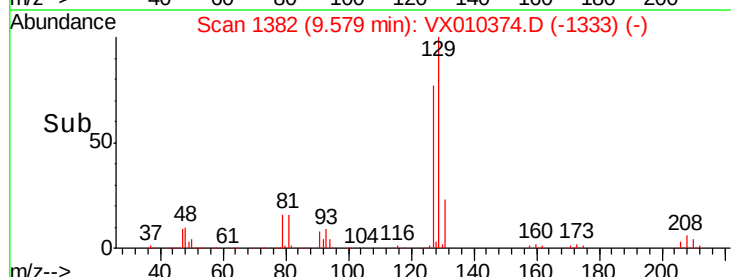
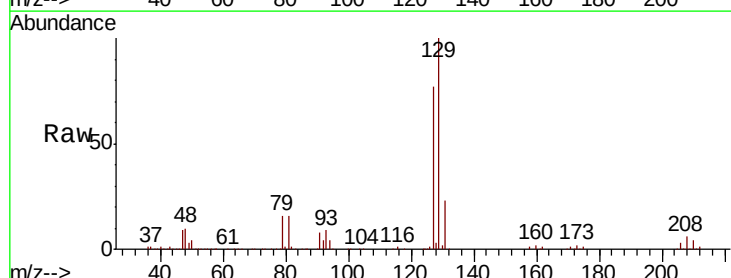
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

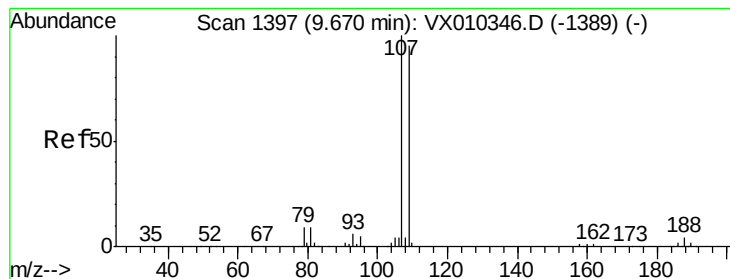
Tot Ion: 43 Resp: 730687
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 52.953 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 129 Resp: 168853
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.218 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

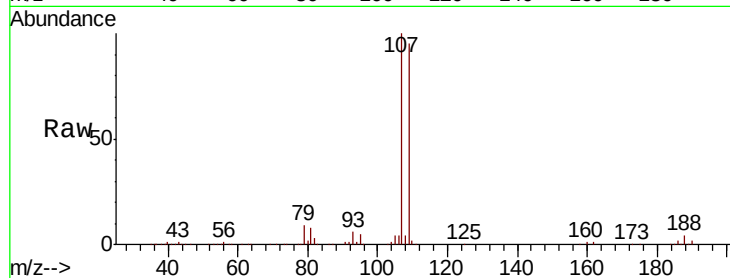
VSTDCCC050

Tot Ion:107 Resp: 160517

Ion Ratio Lower Upper

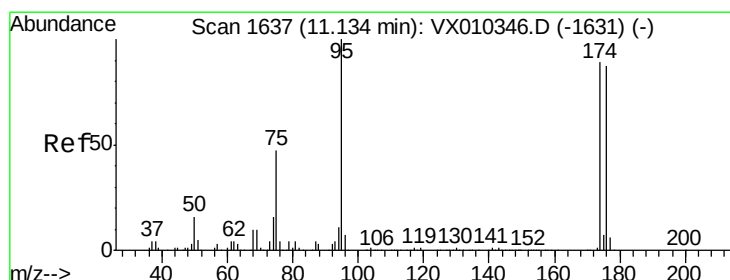
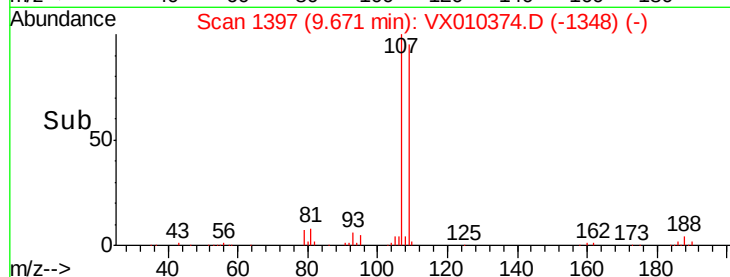
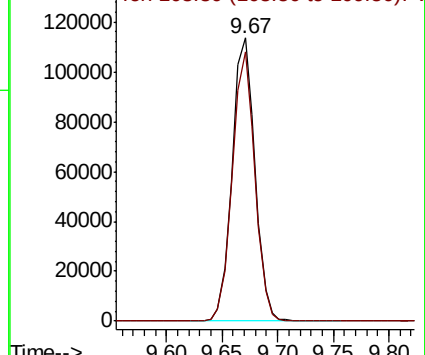
107 100

109 94.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.021 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

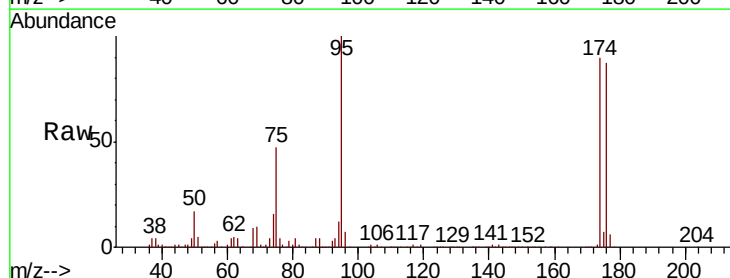
Tgt Ion: 95 Resp: 175463

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

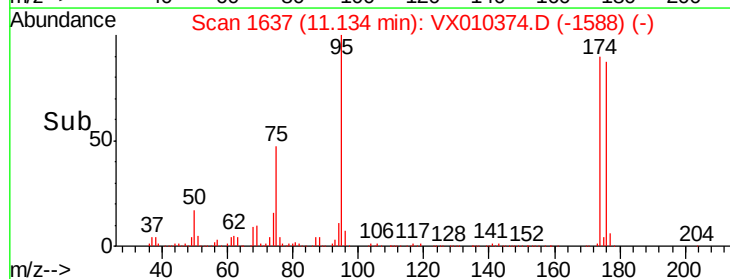
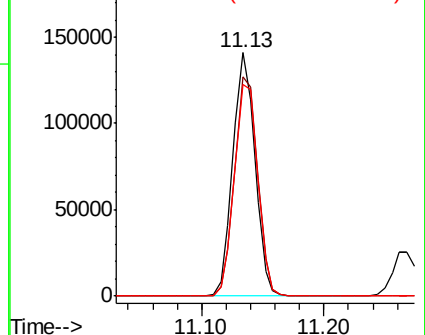
176 92.5 0.0 184.0

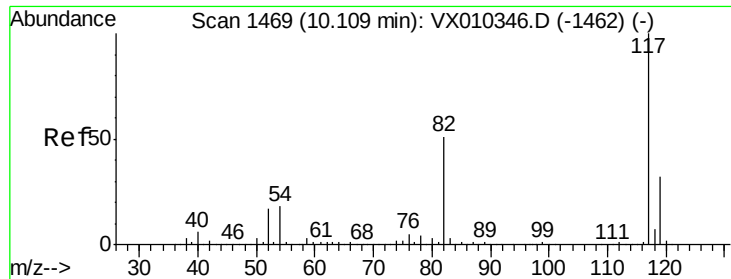


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

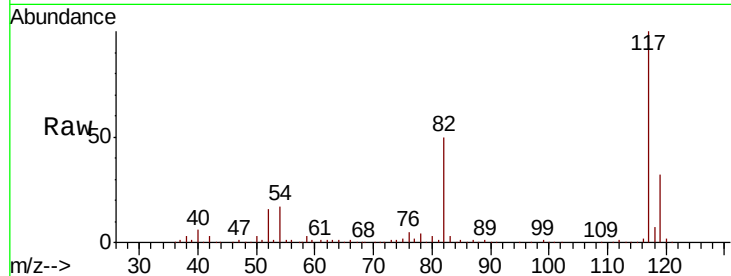




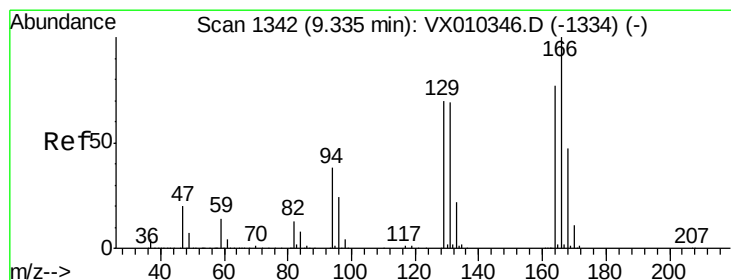
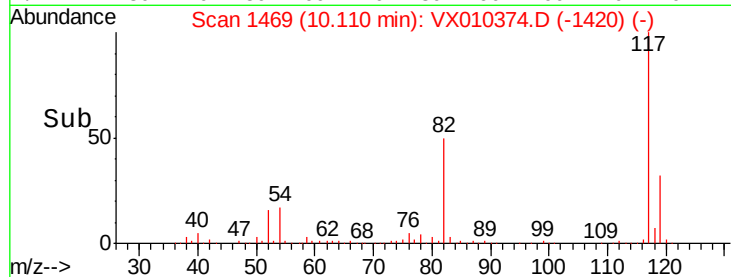
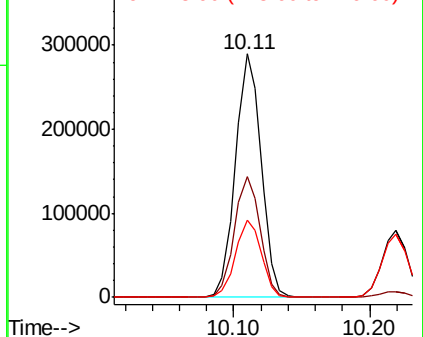
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 381520
Ion Ratio Lower Upper
117 100
82 49.6 41.2 61.8
119 31.9 25.5 38.3

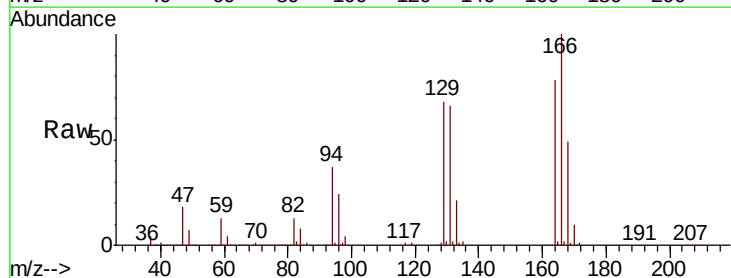


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

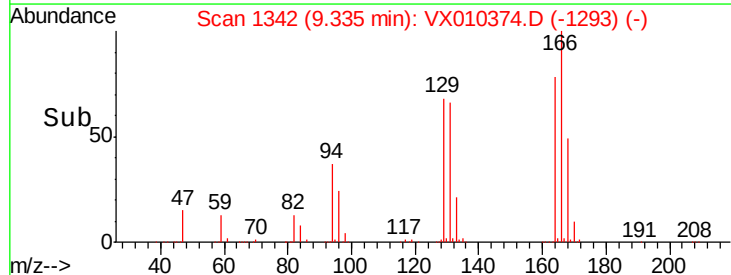
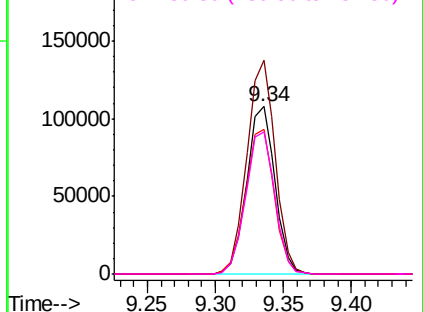


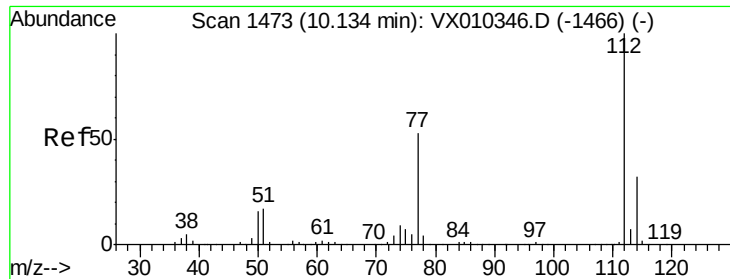
#64
Tetrachloroethene
Concen: 51.198 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:164 Resp: 157988
Ion Ratio Lower Upper
164 100
166 127.8 103.6 155.4
129 86.8 73.0 109.4
131 84.9 71.0 106.4



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

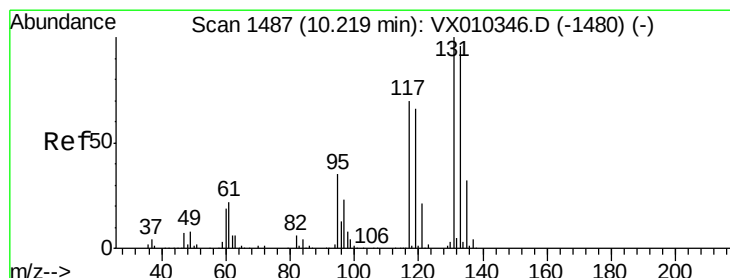
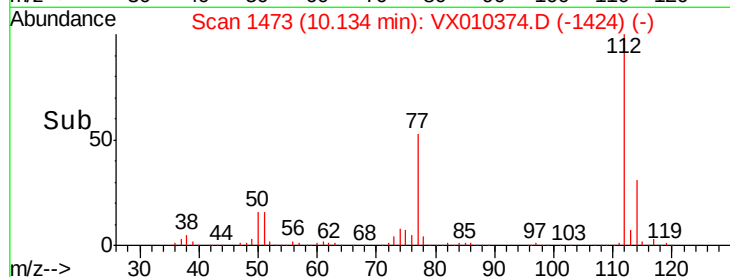
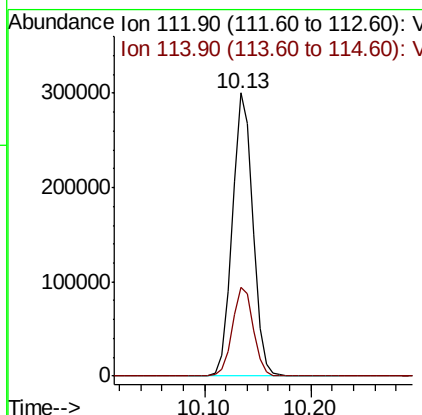
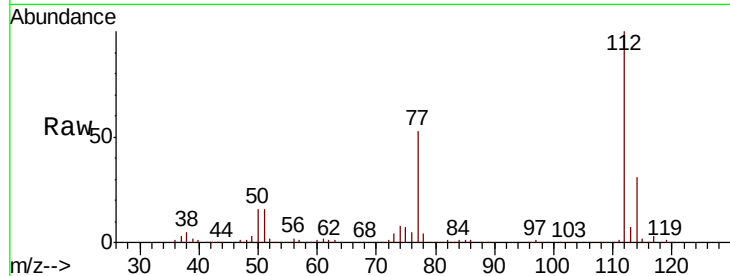




#65
Chlorobenzene
Concen: 52.453 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

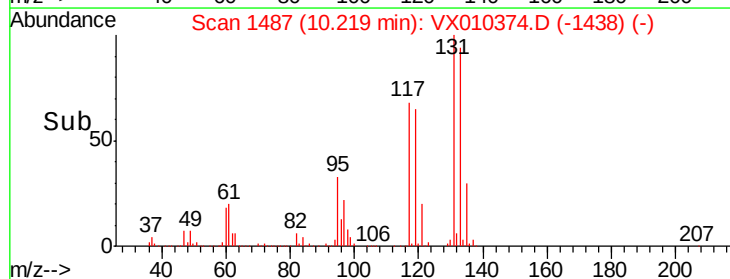
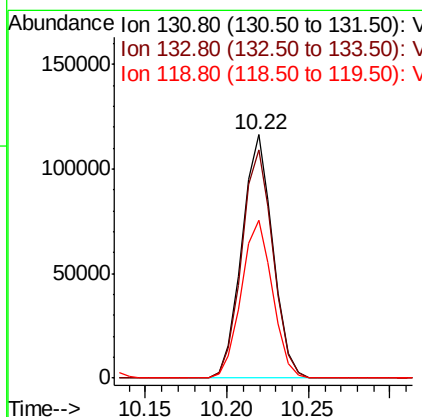
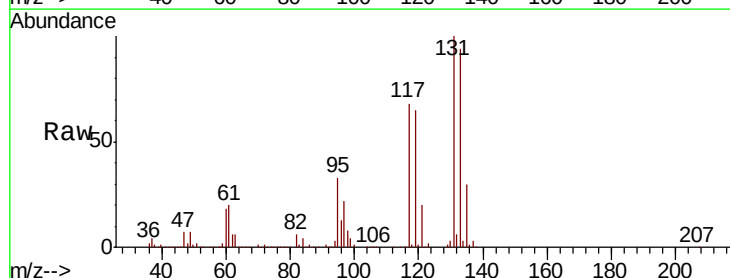
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

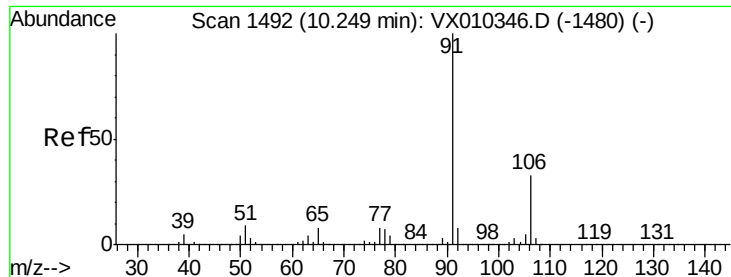
Tot Ion:112 Resp: 406280
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.431 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:131 Resp: 153570
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 65.9 32.6 97.7





#67

Ethyl Benzene

Concen: 52.735 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

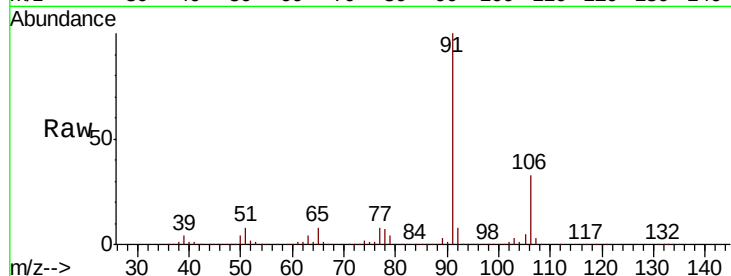
VSTDCCC050

Tot Ion: 91 Resp: 689582

Ion Ratio Lower Upper

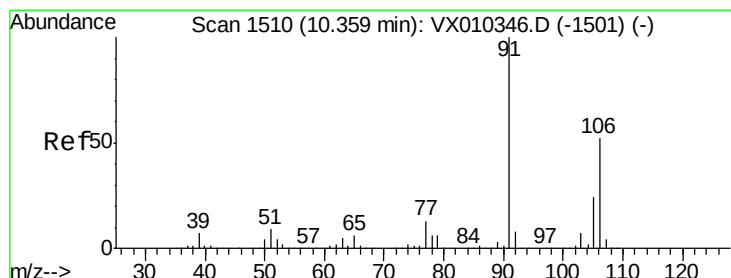
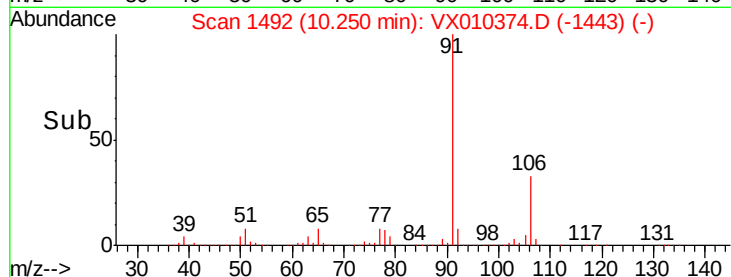
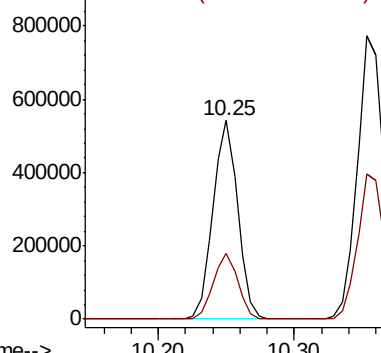
91 100

106 32.9 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: 106.788 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010374.D

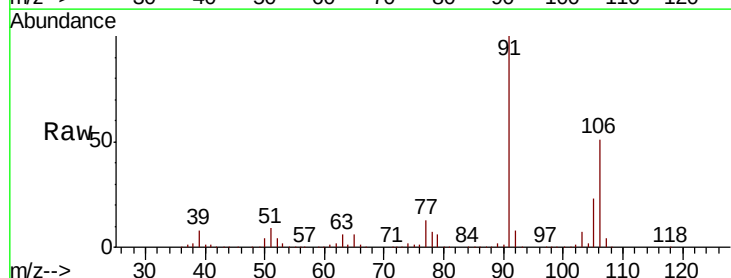
Acq: 21 Jun 2019 10:35

Tgt Ion: 106 Resp: 541065

Ion Ratio Lower Upper

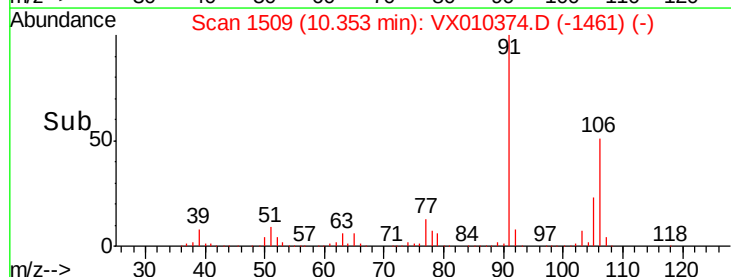
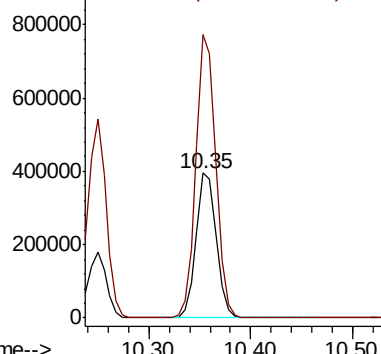
106 100

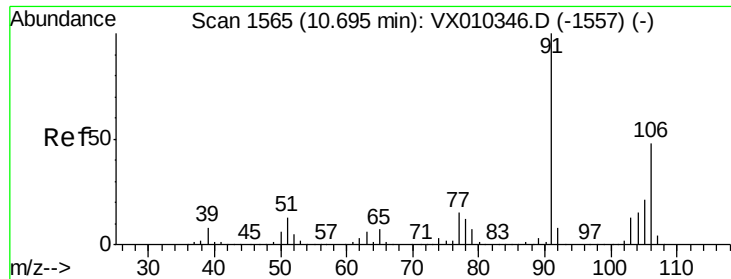
91 192.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

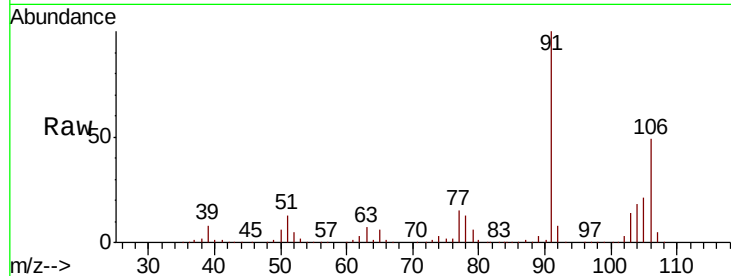




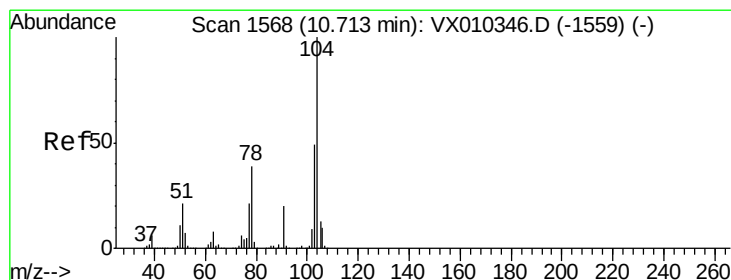
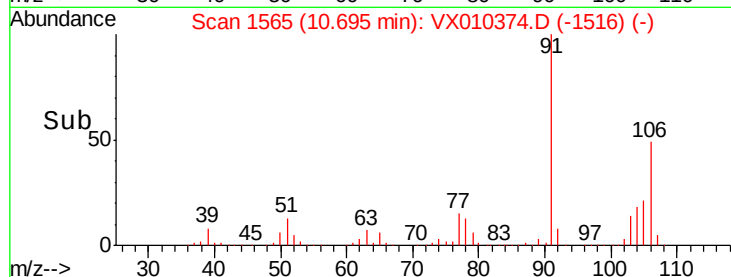
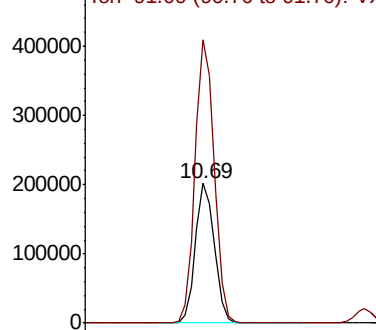
#69
o-Xylene
Concen: 52.493 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 261553
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1

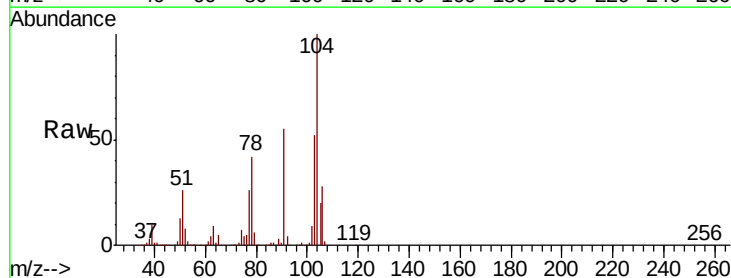


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

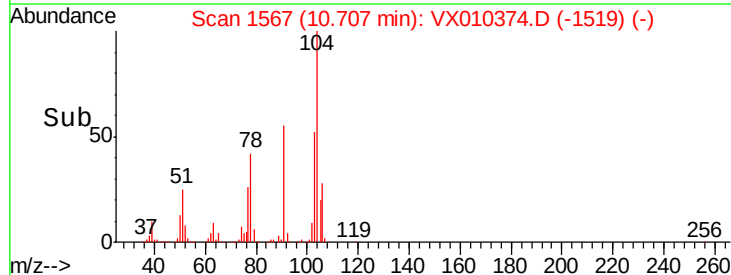
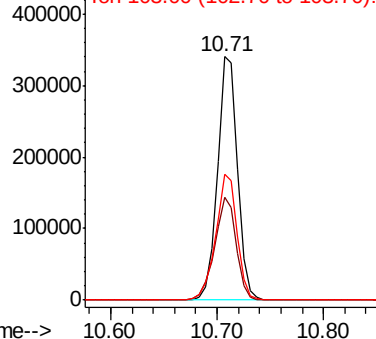


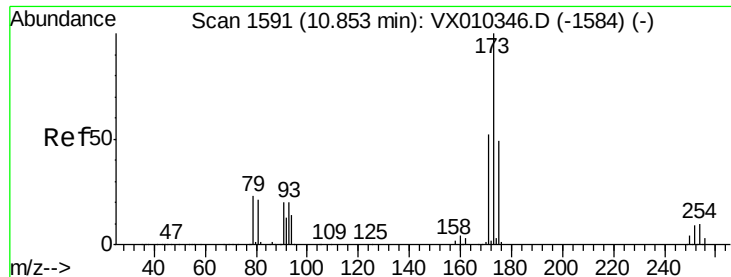
#70
Styrene
Concen: 53.660 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion:104 Resp: 448387
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.2
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 55.430 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

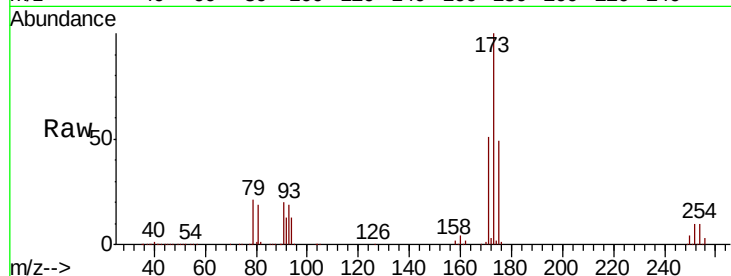
Tot Ion:173 Resp: 135997

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

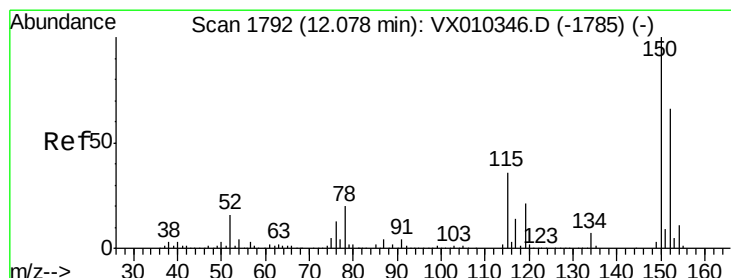
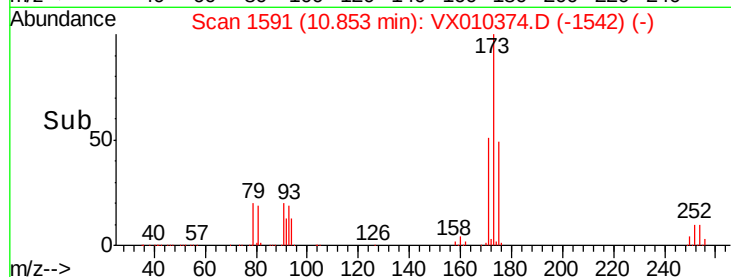
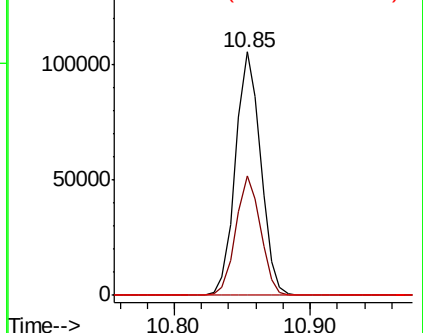
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

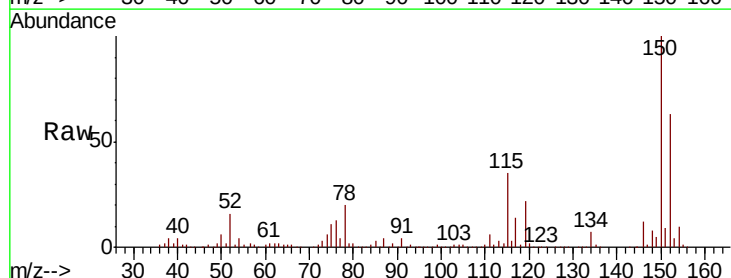
Tgt Ion:152 Resp: 199330

Ion Ratio Lower Upper

152 100

115 78.7 38.6 115.7

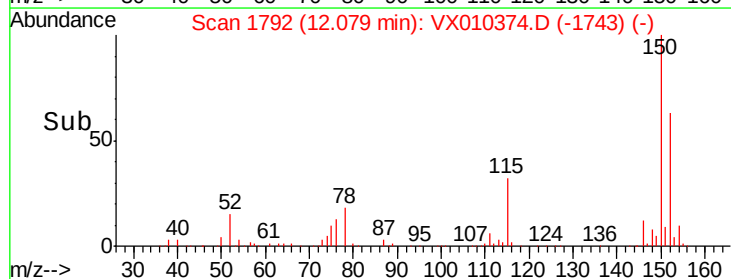
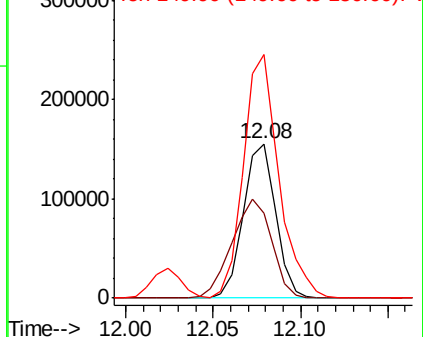
150 173.1 0.0 347.4

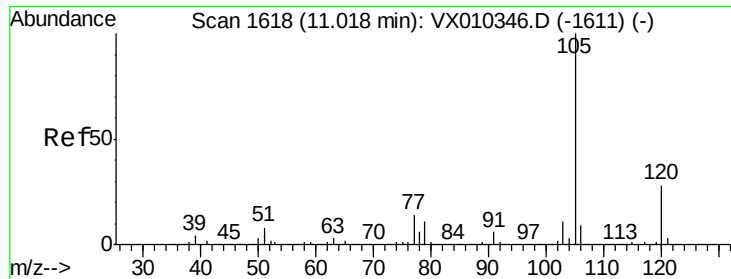


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.832 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

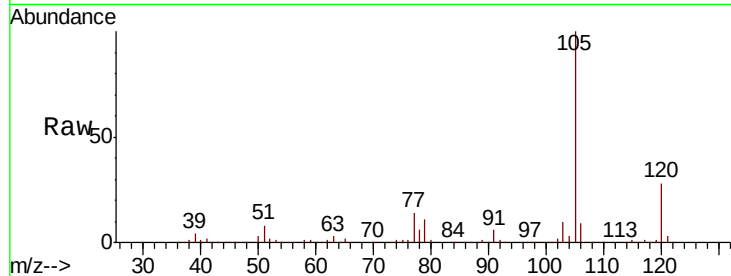
VSTDCCC050

Tot Ion:105 Resp: 700364

Ion Ratio Lower Upper

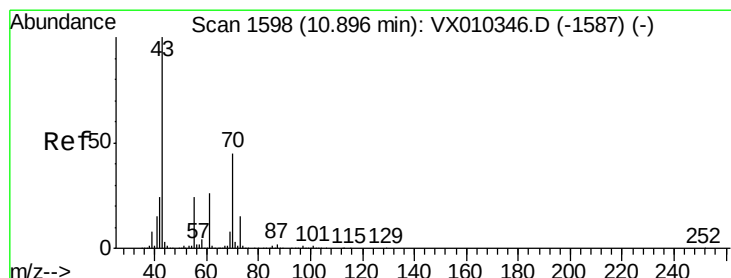
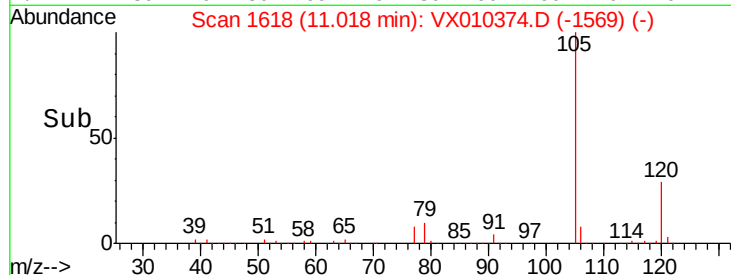
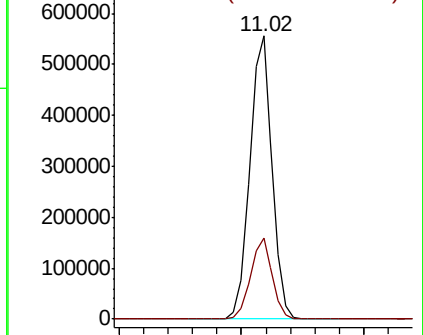
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.467 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Tgt Ion: 43 Resp: 267926

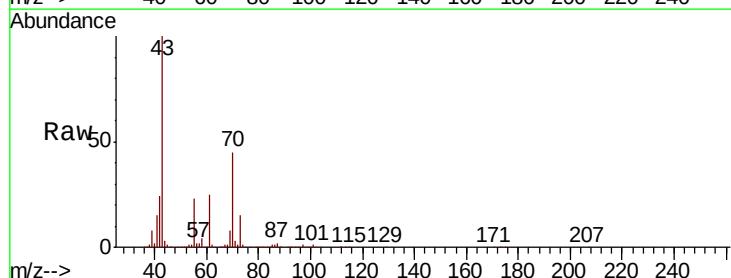
Ion Ratio Lower Upper

43 100

70 45.4 36.6 54.8

55 23.5 18.7 28.1

61 25.5 20.6 31.0

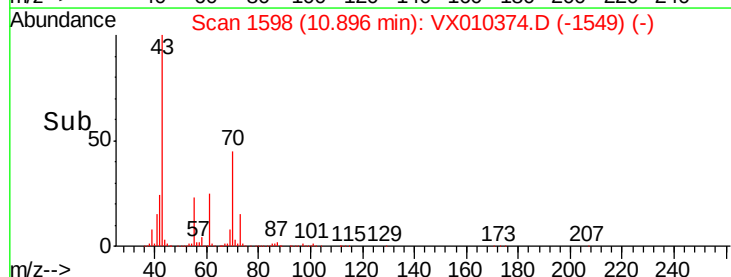
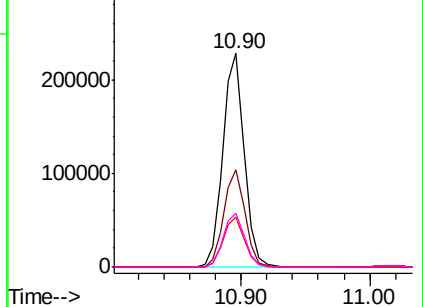


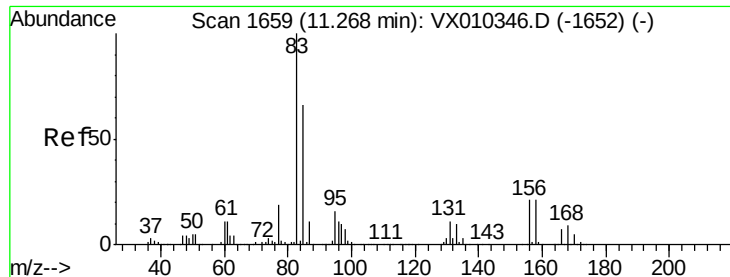
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.170 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

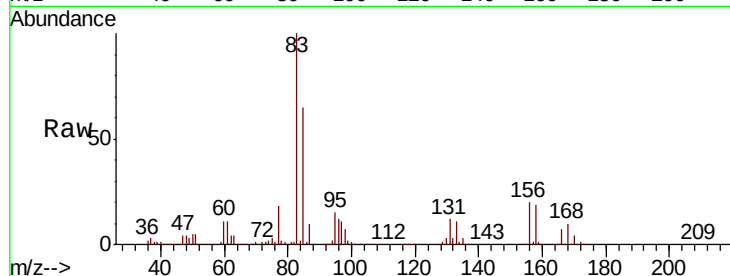
Tot Ion: 83 Resp: 224504

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

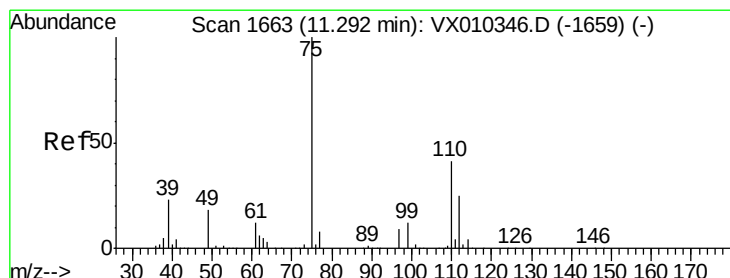
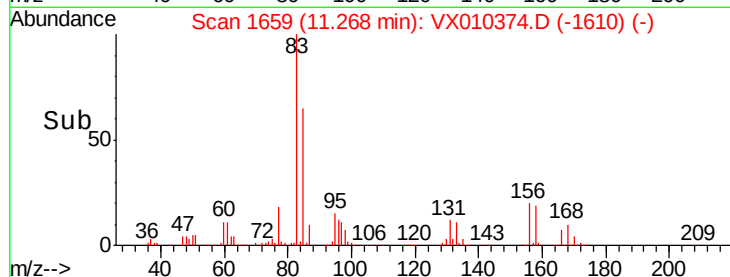
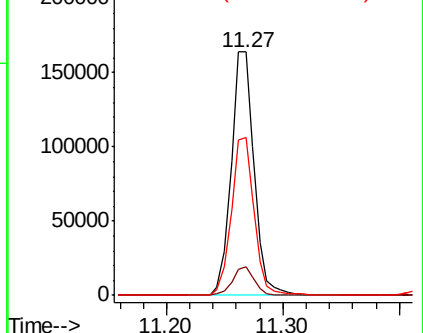
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.045 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010374.D

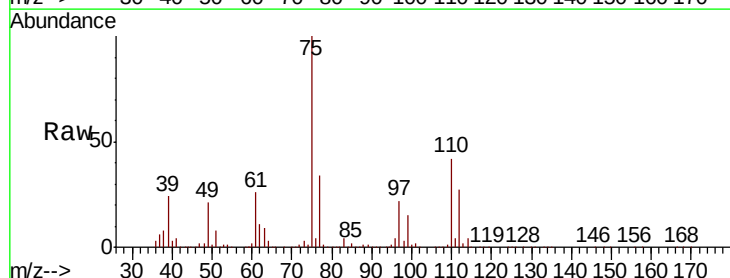
Acq: 21 Jun 2019 10:35

Tgt Ion: 75 Resp: 254425

Ion Ratio Lower Upper

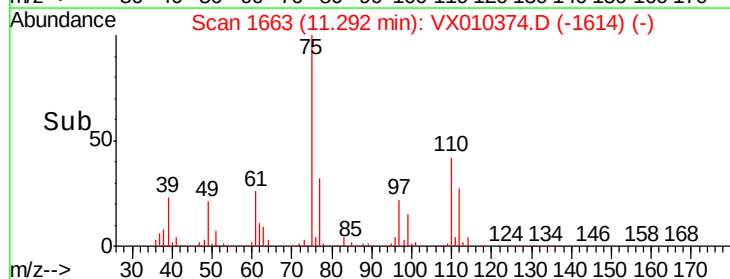
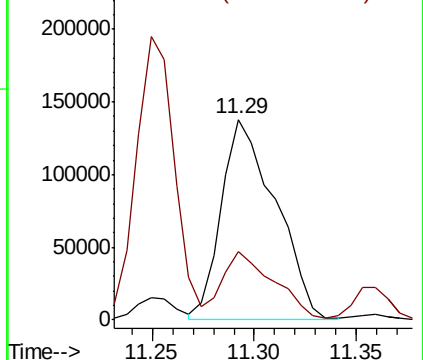
75 100

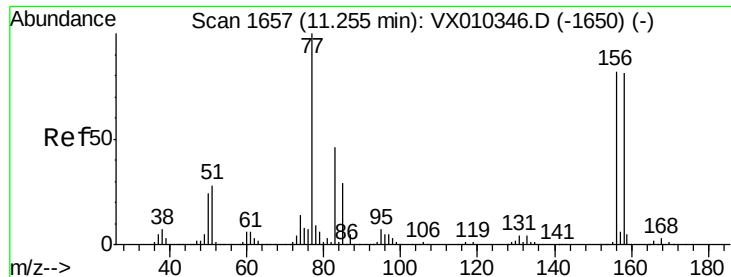
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.483 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

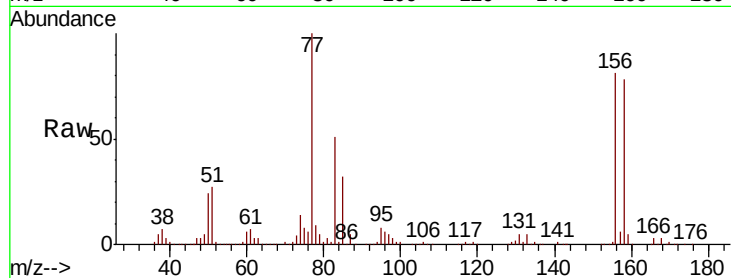
Tot Ion:156 Resp: 190469

Ion Ratio Lower Upper

156 100

77 132.9 66.3 198.7

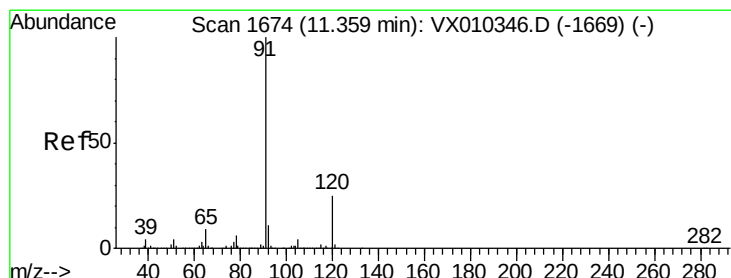
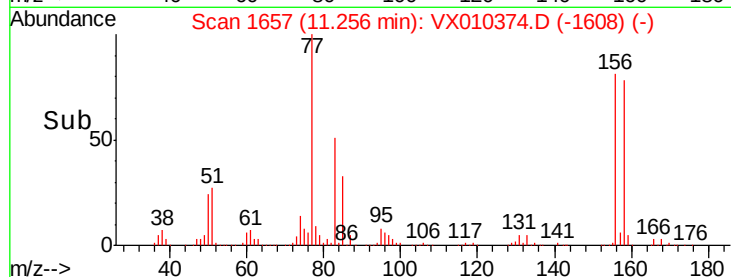
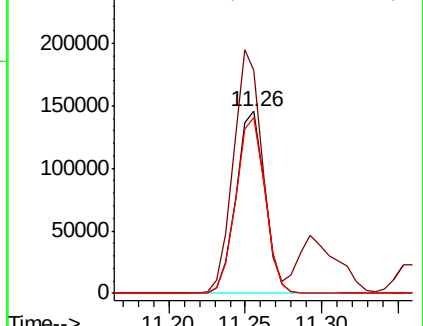
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.600 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010374.D

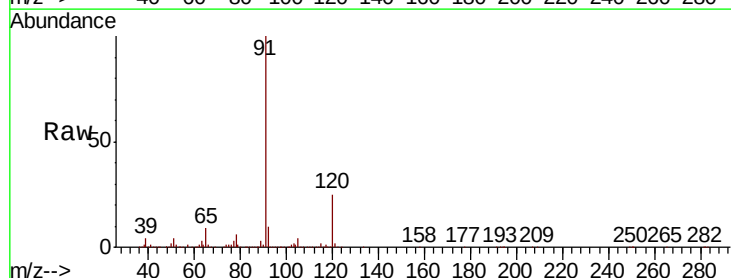
Acq: 21 Jun 2019 10:35

Tgt Ion: 91 Resp: 795988

Ion Ratio Lower Upper

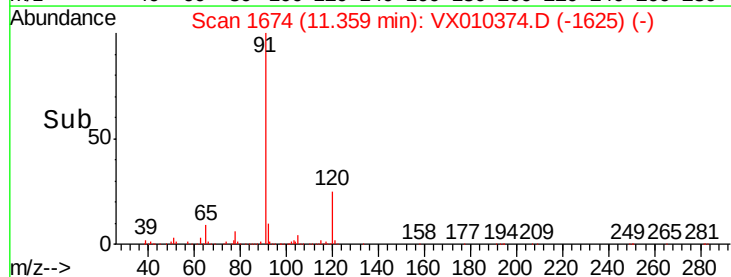
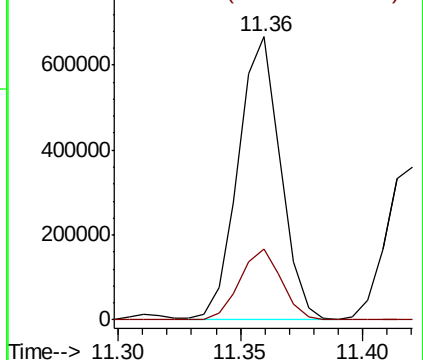
91 100

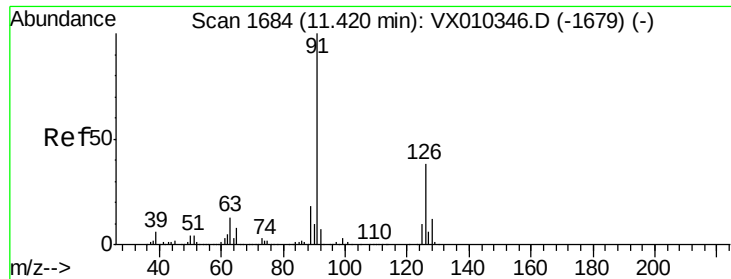
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.453 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

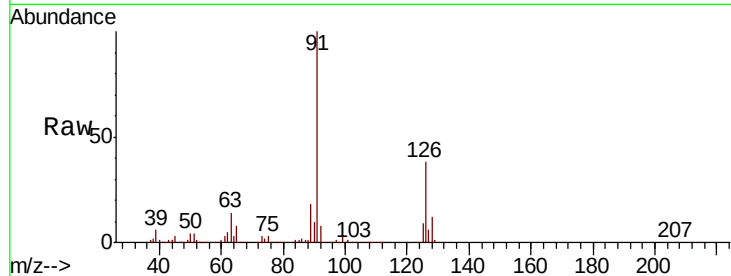
VSTDCCC050

Tot Ion: 91 Resp: 455005

Ion Ratio Lower Upper

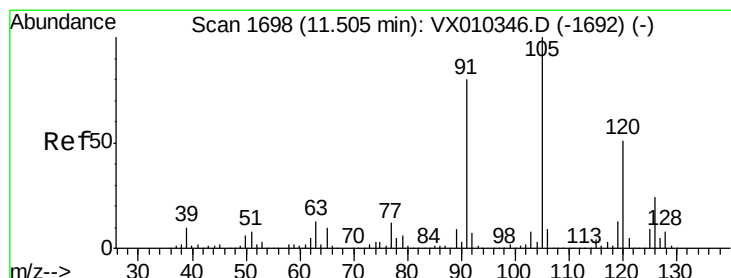
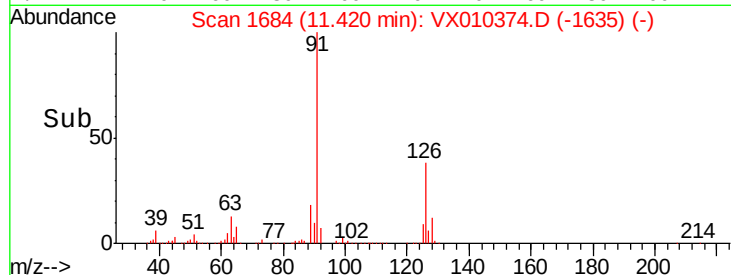
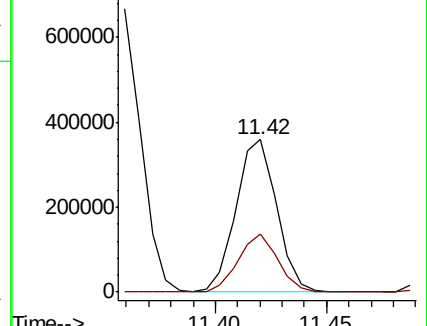
91 100

126 37.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.708 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010374.D

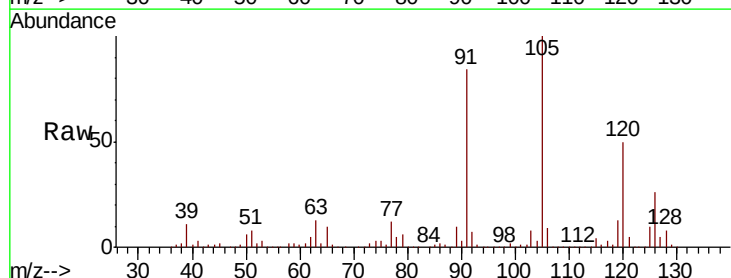
Acq: 21 Jun 2019 10:35

Tgt Ion:105 Resp: 587119

Ion Ratio Lower Upper

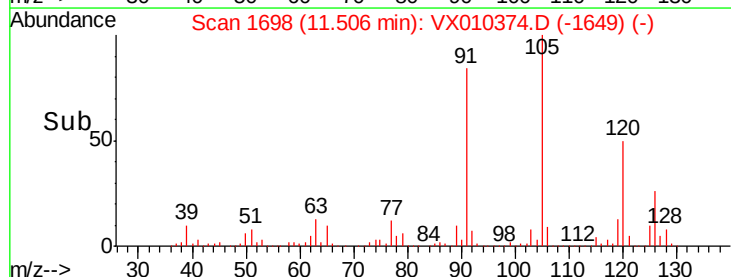
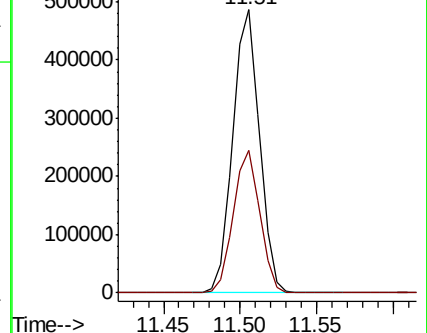
105 100

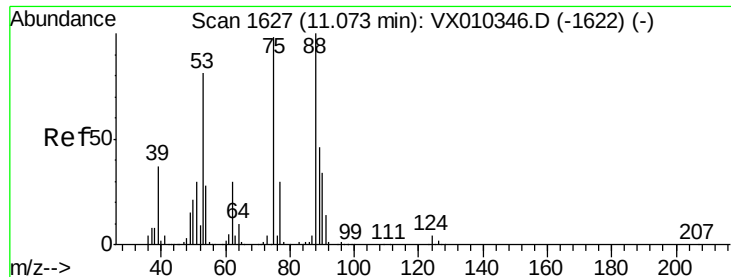
120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

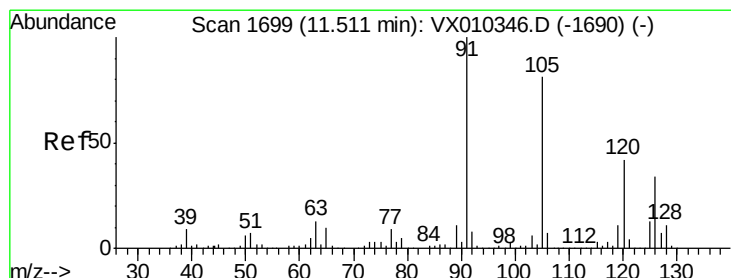
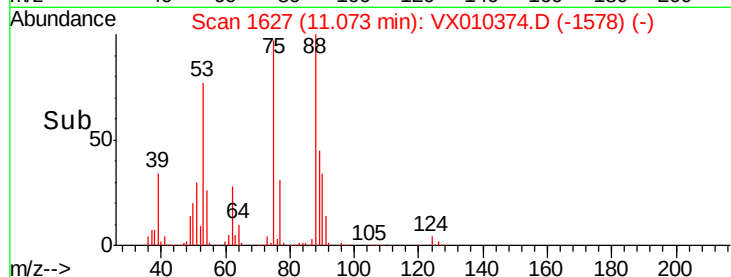
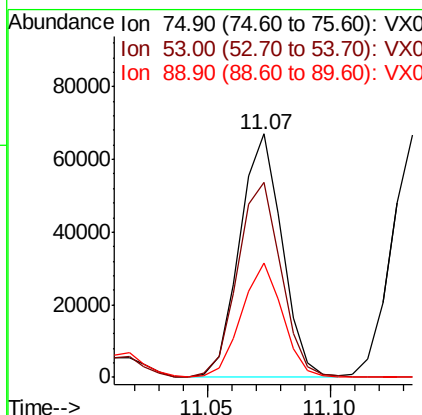
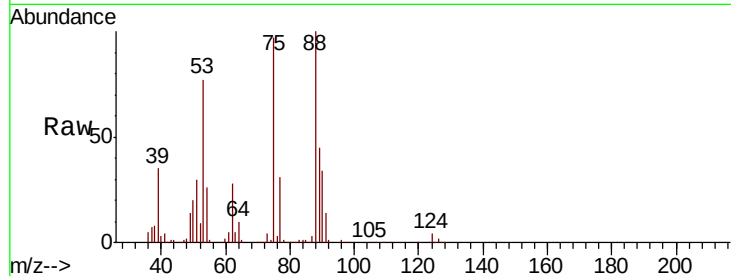




#81
trans-1,4-Dichloro-2-butene
Concen: 51.617 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

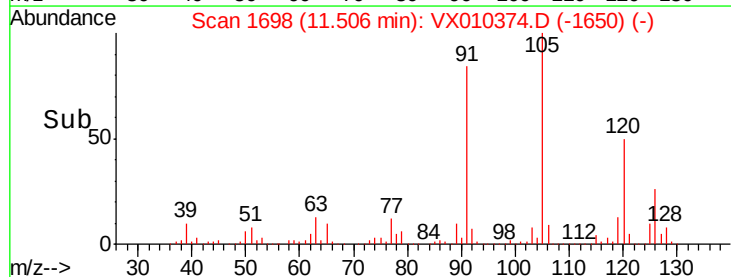
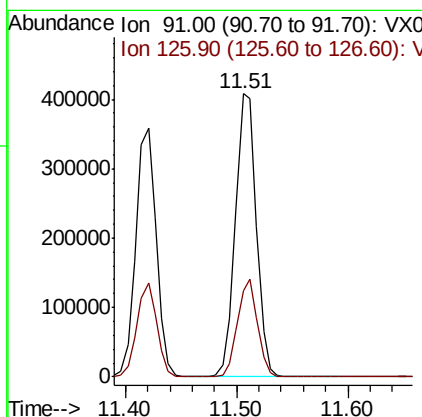
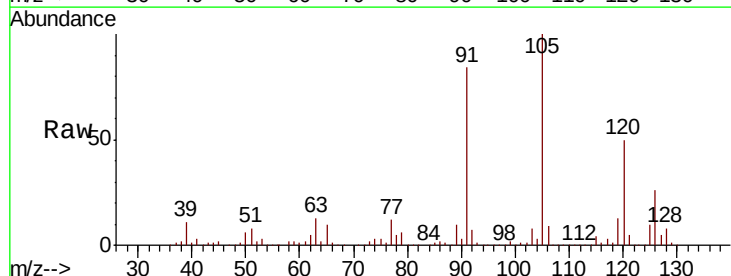
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

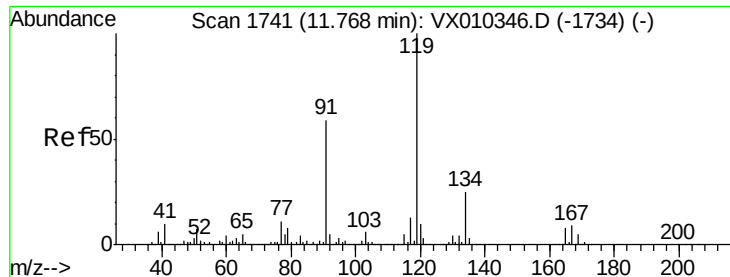
Tot Ion: 75 Resp: 80368
Ion Ratio Lower Upper
75 100
53 82.7 66.1 99.1
89 46.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 52.813 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 91 Resp: 531425
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

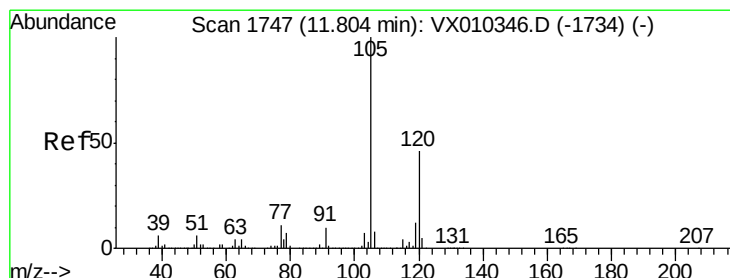
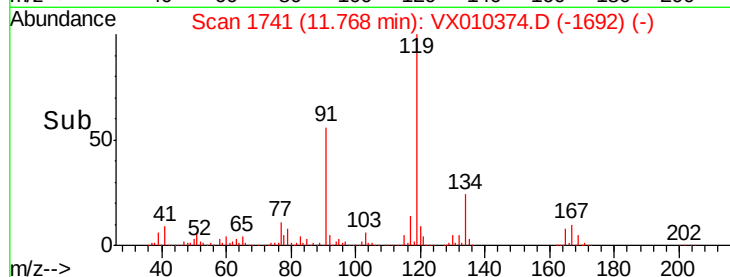
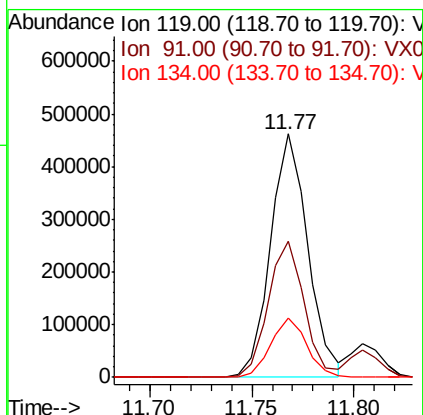
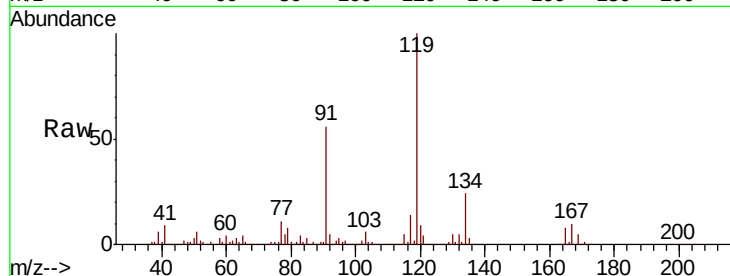




#83
 tert-Butylbenzene
 Concen: 52.649 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

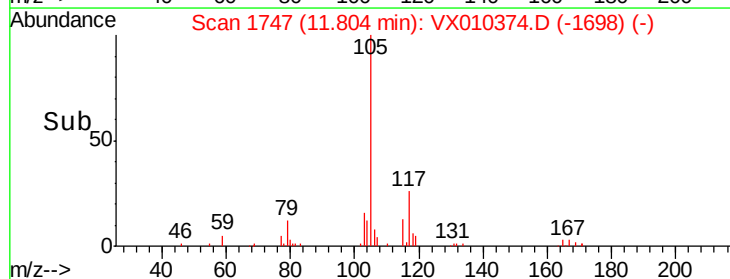
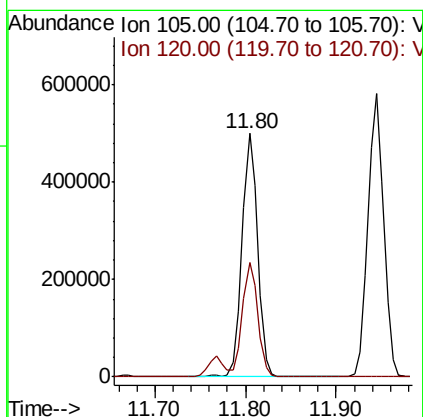
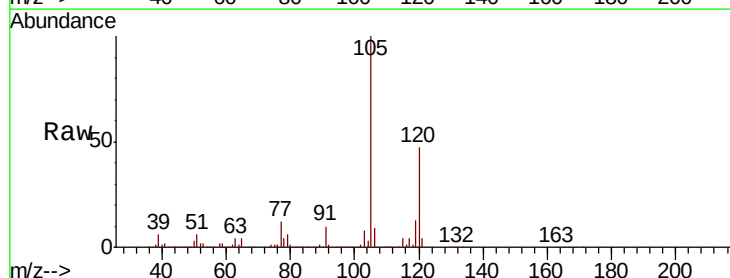
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

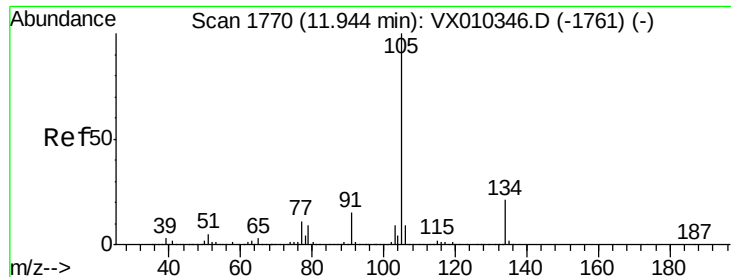
Tot Ion:119 Resp: 588623
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.6 82.7
 134 23.5 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.205 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion:105 Resp: 595431
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.354 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

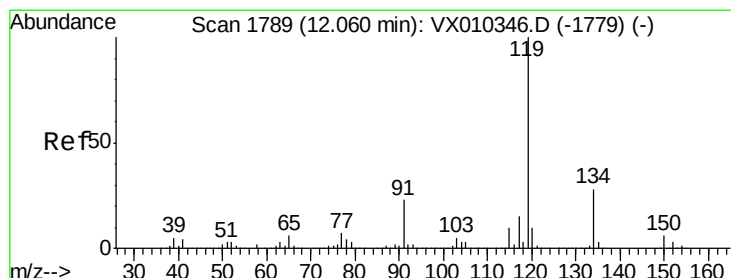
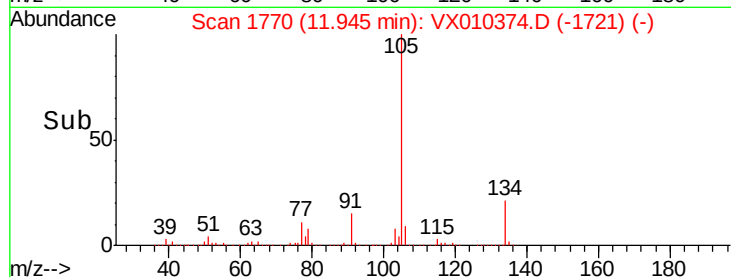
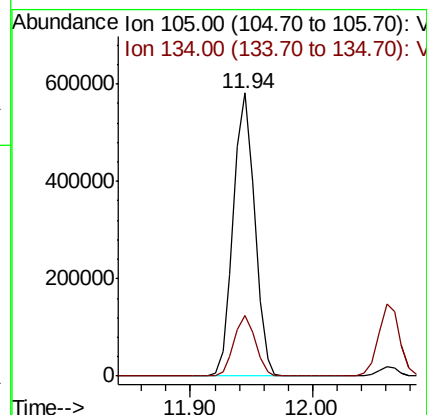
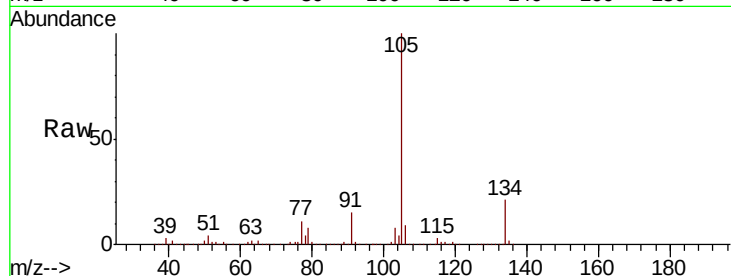
VSTDCCC050

Tot Ion:105 Resp: 700378

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



#86

p-Isopropyltoluene

Concen: 53.872 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

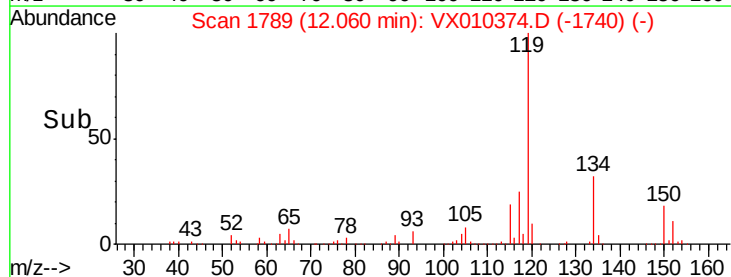
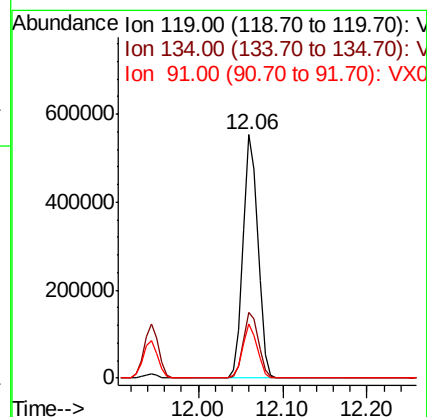
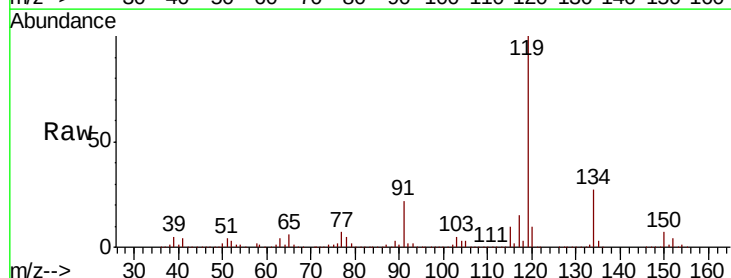
Tgt Ion:119 Resp: 654121

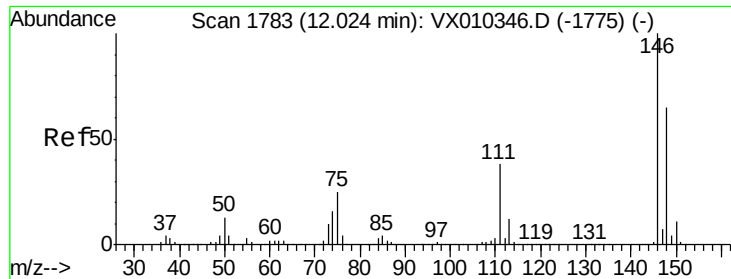
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 21.9 11.3 33.8

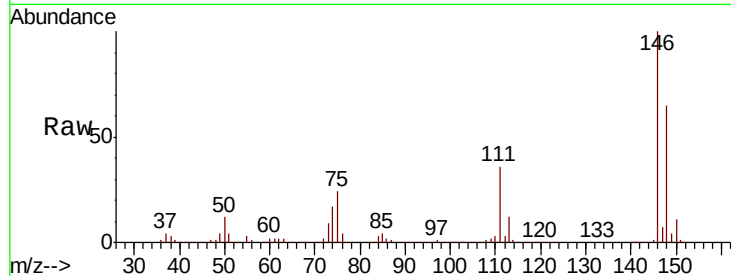




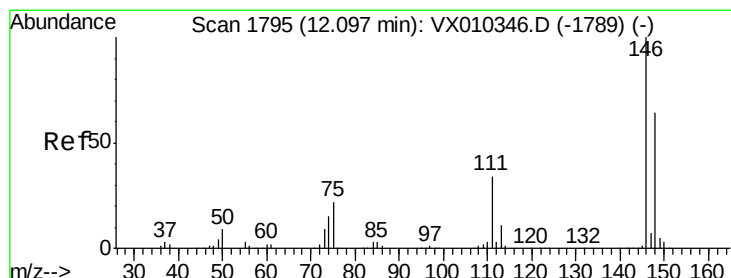
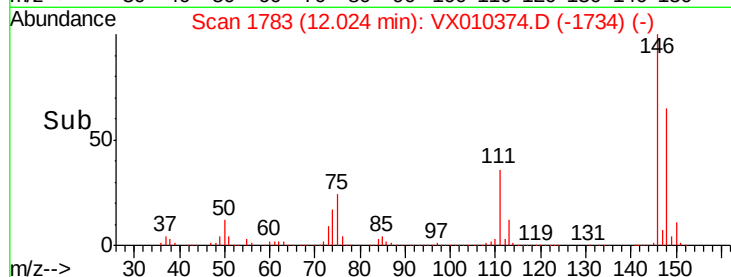
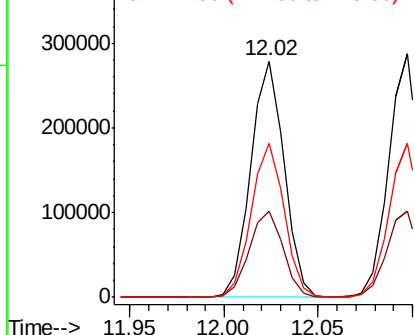
#87
 1,3-Dichlorobenzene
 Concen: 52.044 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 342757
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.1 57.1
 148 64.6 32.5 97.4

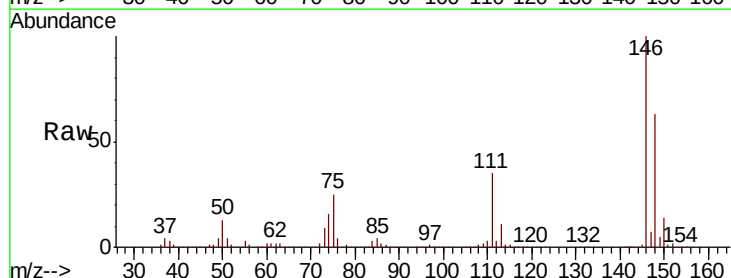


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

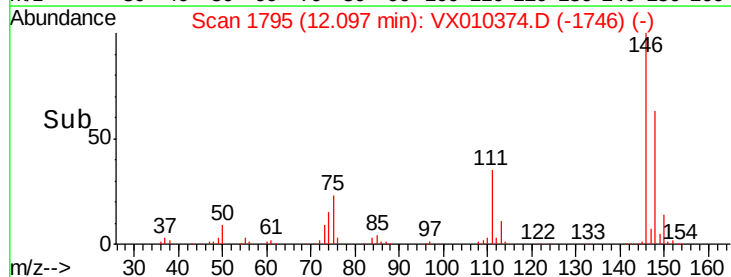
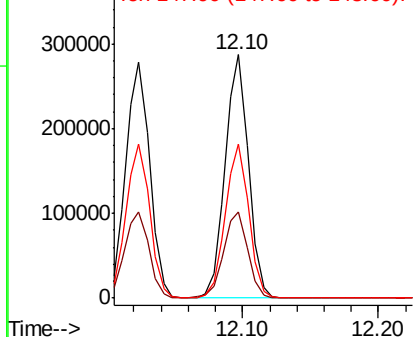


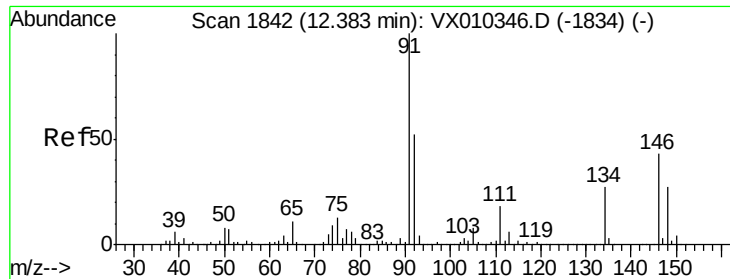
#88
 1,4-Dichlorobenzene
 Concen: 50.665 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion:146 Resp: 339699
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 63.8 32.1 96.3



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

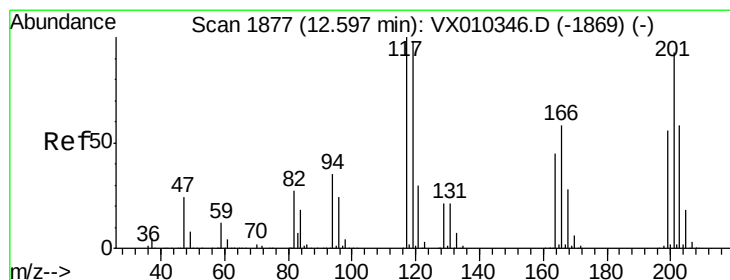
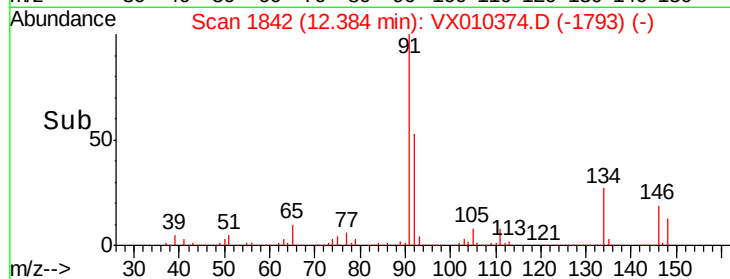
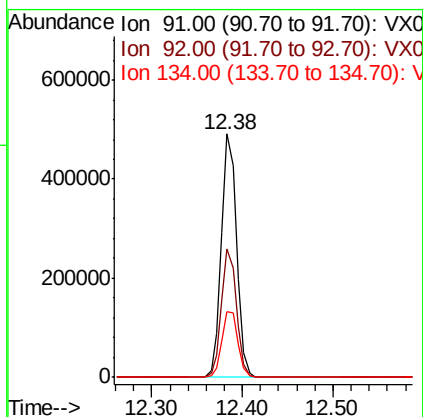
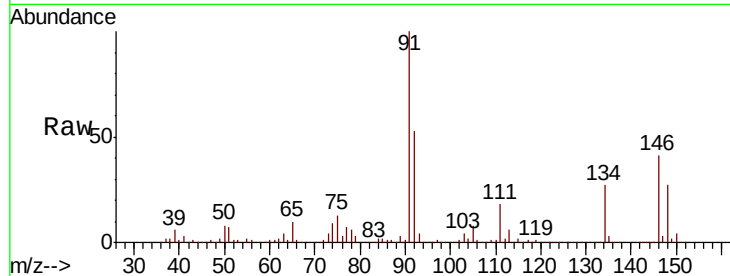




#89
n-Butylbenzene
Concen: 55.753 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

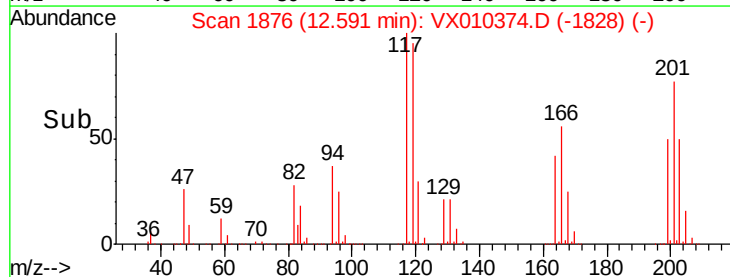
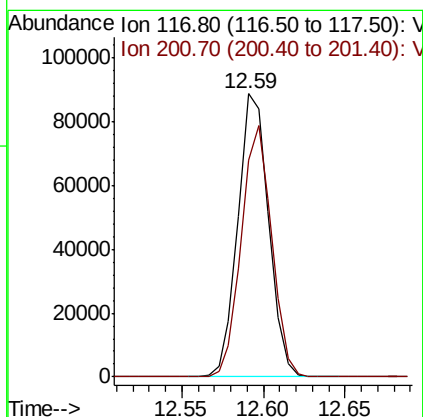
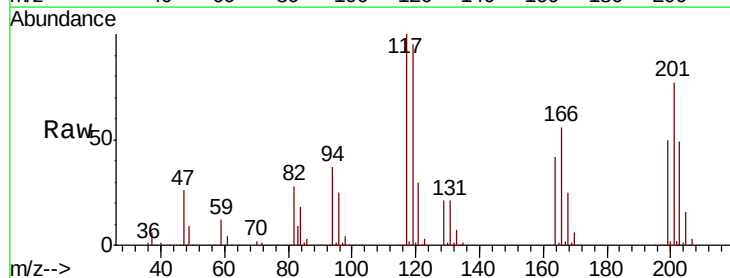
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

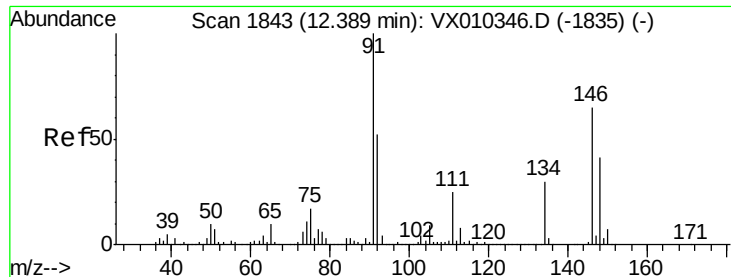
Tot Ion: 91 Resp: 575248
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 28.4 14.1 42.4



#90
Hexachloroethane
Concen: 55.698 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 117 Resp: 116940
Ion Ratio Lower Upper
117 100
201 87.8 44.0 131.8

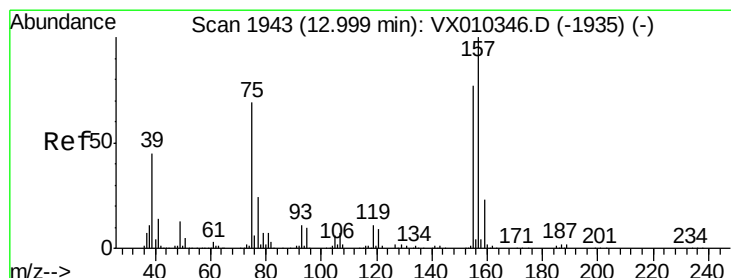
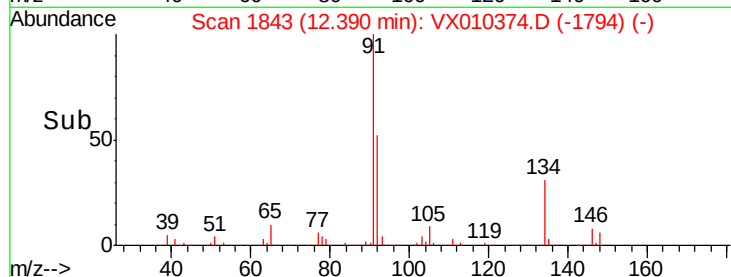
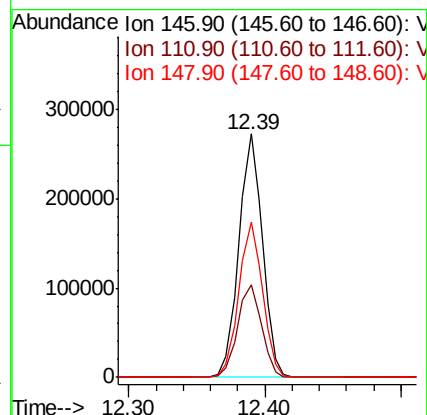
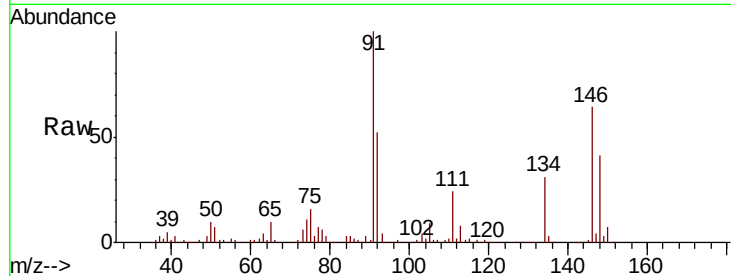




#91
1,2-Dichlorobenzene
Concen: 50.287 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

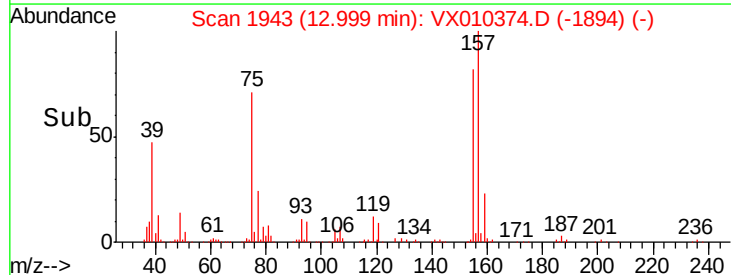
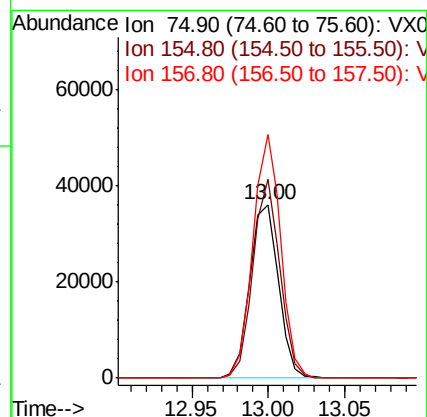
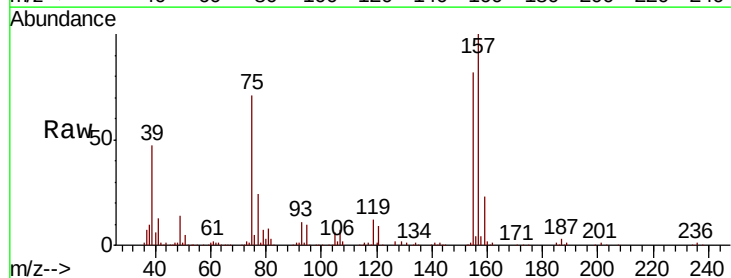
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

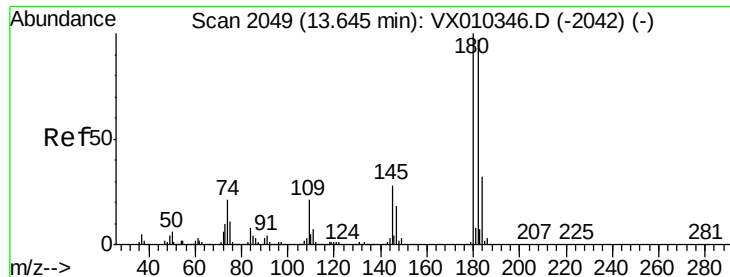
Tot Ion:146 Resp: 329159
Ion Ratio Lower Upper
146 100
111 38.9 19.2 57.6
148 64.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.884 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010374.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 75 Resp: 47163
Ion Ratio Lower Upper
75 100
155 107.2 54.4 163.1
157 134.9 69.5 208.3

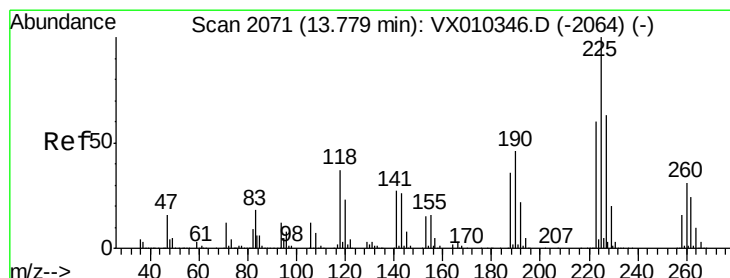
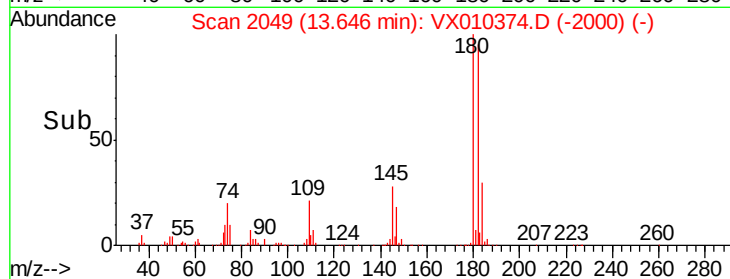
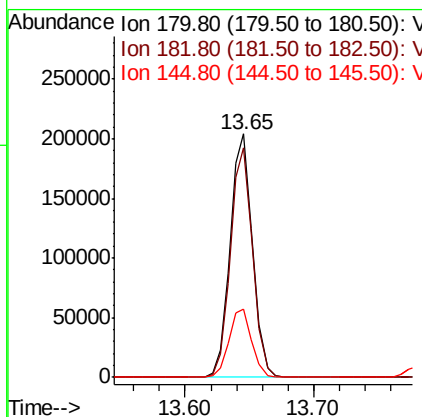
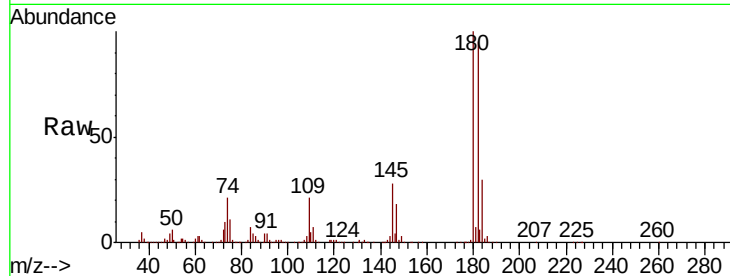




#93
 1,2,4-Trichlorobenzene
 Concen: 54.590 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

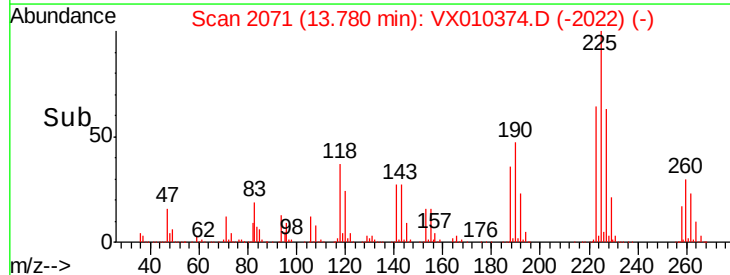
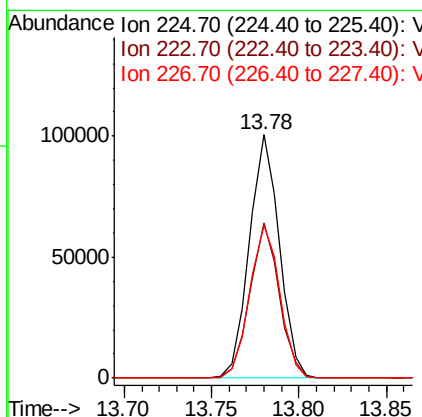
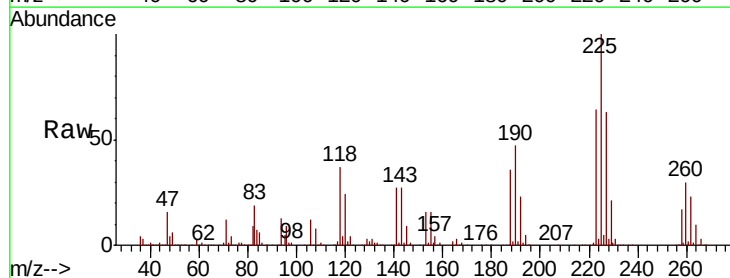
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

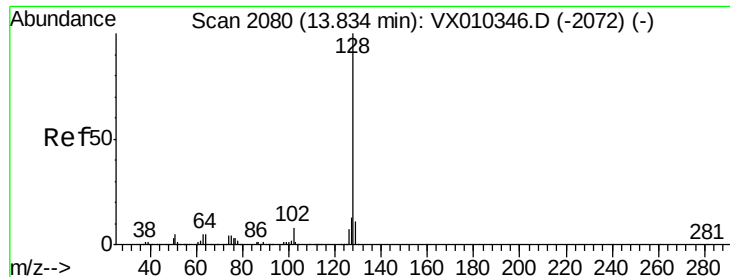
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.0
145	28.7	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 53.845 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010374.D
 Acq: 21 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.7
227	63.5	31.9	95.5





#95

Naphthalene

Concen: 52.885 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

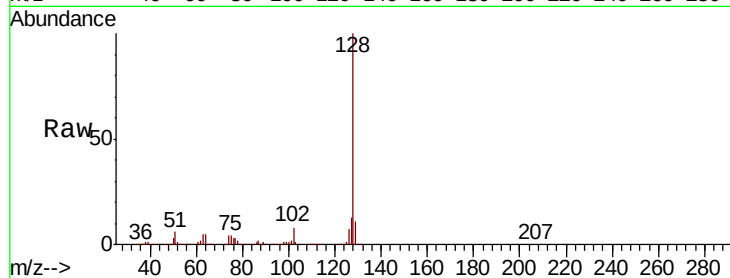
Tot Ion:128 Resp: 737715

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

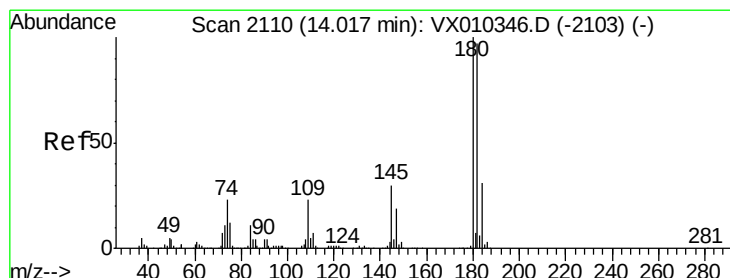
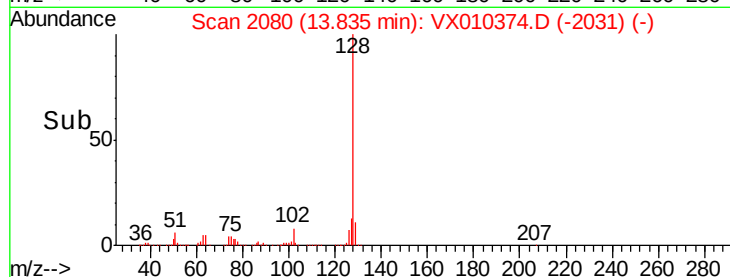
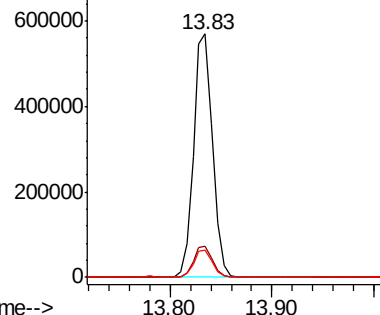
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.838 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010374.D

Acq: 21 Jun 2019 10:35

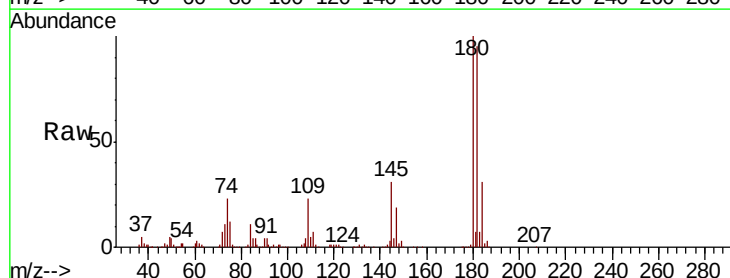
Tgt Ion:180 Resp: 242982

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 30.7 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

