

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010550.D
 Acq On : 28 Jun 2019 21:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 04:42:37 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	5.67	168	230542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165573	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	111399	51.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.08%	
35) Dibromofluoromethane	5.50	113	107072	49.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	406754	49.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	147699	49.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70599	44.048	ug/l	98
3) Chloromethane	1.32	50	82737	44.331	ug/l	100
4) Vinyl Chloride	1.41	62	92327	45.165	ug/l	98
5) Bromomethane	1.64	94	49527	49.731	ug/l	100
6) Chloroethane	1.71	64	60541	50.198	ug/l	97
7) Trichlorofluoromethane	1.92	101	160521	49.535	ug/l	100
8) Diethyl Ether	2.19	74	59157	50.904	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93922	47.827	ug/l	100
10) Methyl Iodide	2.51	142	137629	49.107	ug/l	97
11) Tert butyl alcohol	3.05	59	129597	229.128	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93107	46.593	ug/l	99
13) Acrolein	2.29	56	108453	289.045	ug/l	99
14) Allyl chloride	2.73	41	135272	47.681	ug/l	99
15) Acrylonitrile	3.14	53	291869	260.634	ug/l	99
16) Acetone	2.45	43	241219	222.669	ug/l	100
17) Carbon Disulfide	2.57	76	215619	40.219	ug/l	99
18) Methyl Acetate	2.78	43	114778	53.160	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	317628	50.526	ug/l	99
20) Methylene Chloride	2.85	84	109680	49.197	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100833	46.917	ug/l	98
22) Diisopropyl ether	3.85	45	302823	51.053	ug/l	97
23) Vinyl Acetate	3.82	43	1307748	255.211	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169291	49.376	ug/l	99
25) 2-Butanone	4.67	43	400411	251.977	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117427	39.426	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121489	48.917	ug/l	99
28) Bromochloromethane	5.01	49	86835	52.971	ug/l	96
29) Tetrahydrofuran	5.13	42	256458	260.553	ug/l	99
30) Chloroform	5.21	83	183403	49.716	ug/l	97
31) Cyclohexane	5.58	56	147073	47.105	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	160775	49.357	ug/l	100
36) 1,1-Dichloropropene	5.80	75	130537	46.796	ug/l	100
37) Ethyl Acetate	4.84	43	145807	50.809	ug/l	100
38) Carbon Tetrachloride	5.79	117	139426	46.158	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163929	44.708	ug/l	99
40) Benzene	6.14	78	419618	48.284	ug/l	100
41) Methacrylonitrile	5.04	41	79217	50.311	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134274	50.757	ug/l	100
43) Isopropyl Acetate	6.45	43	239270	50.395	ug/l	99
44) Trichloroethene	7.21	130	125659	48.322	ug/l	98
45) 1,2-Dichloropropane	7.51	63	106032	48.315	ug/l	99
46) Dibromomethane	7.66	93	77246	49.058	ug/l	99
47) Bromodichloromethane	7.90	83	139398	48.308	ug/l	99
48) Methyl methacrylate	7.77	41	114223	51.758	ug/l	99
49) 1,4-Dioxane	7.74	88	64694	1017.610	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	798589	262.992	ug/l	99
52) Toluene	8.78	92	274982	48.048	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149225	46.126	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164998	46.932	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118449	50.184	ug/l	98
56) Ethyl methacrylate	9.18	69	180392	50.452	ug/l	98
57) 1,3-Dichloropropane	9.37	76	183079	49.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	422142	248.593	ug/l	100
59) 2-Hexanone	9.49	43	613755	256.814	ug/l	99
60) Dibromochloromethane	9.58	129	126734	47.955	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126554	49.674	ug/l	100
64) Tetrachloroethene	9.34	164	126347	48.867	ug/l	99
65) Chlorobenzene	10.13	112	316594	48.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	117295	49.619	ug/l	100
67) Ethyl Benzene	10.25	91	536015	48.923	ug/l	99
68) m/p-Xylenes	10.36	106	414269	97.584	ug/l	99
69) o-Xylene	10.69	106	207265	49.646	ug/l	97
70) Styrene	10.71	104	350463	50.057	ug/l	99
71) Bromoform	10.85	173	97620	47.487	ug/l #	100
73) Isopropylbenzene	11.02	105	544571	48.519	ug/l	98
74) N-amyl acetate	10.90	43	217478	51.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182818	49.184	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	200507	66.455	ug/l	81
77) Bromobenzene	11.26	156	149744	47.780	ug/l	100
78) n-propylbenzene	11.36	91	605921	49.120	ug/l	99
79) 2-Chlorotoluene	11.42	91	354664	48.284	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	451263	48.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53901	41.677	ug/l	93
82) 4-Chlorotoluene	11.51	91	412071	49.300	ug/l	99
83) tert-Butylbenzene	11.77	119	447828	48.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	458090	49.278	ug/l	99
85) sec-Butylbenzene	11.94	105	531562	48.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	487037	48.289	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	261643	47.827	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263383	47.291	ug/l	100
89) n-Butylbenzene	12.38	91	415671	48.501	ug/l	100
90) Hexachloroethane	12.60	117	78849	45.212	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	260062	47.831	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37561	46.869	ug/l	96

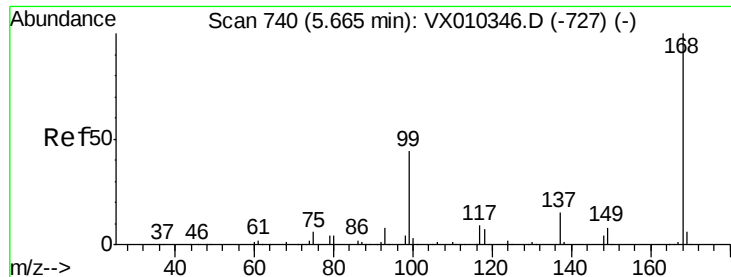
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180680	47.919	ug/l	99
94) Hexachlorobutadiene	13.78	225	86325	46.845	ug/l	99
95) Naphthalene	13.83	128	571708	49.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183140	48.852	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

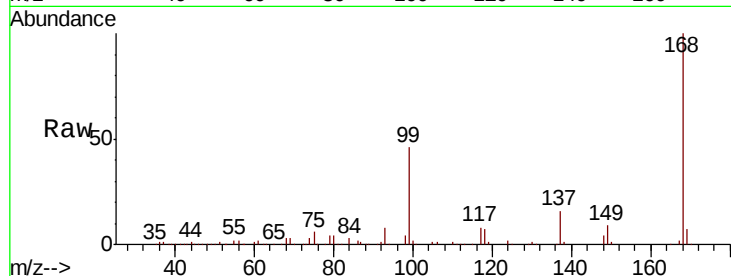
VSTDCCC050EC

Tot Ion:168 Resp: 230542

Ion Ratio Lower Upper

168 100

99 45.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

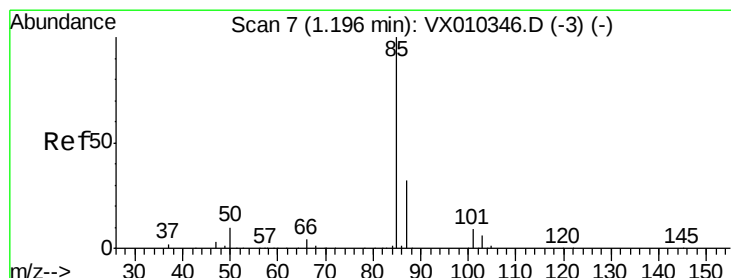
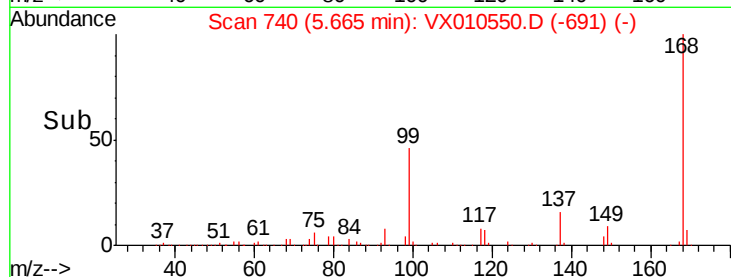
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.048 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010550.D

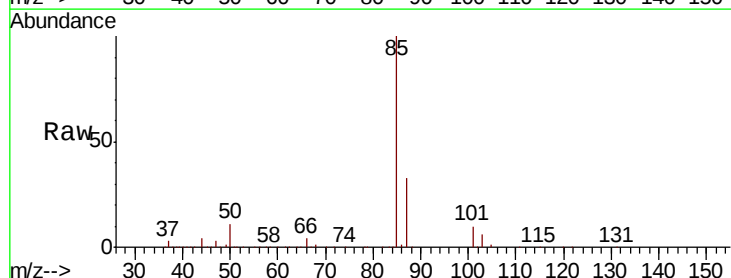
Acq: 28 Jun 2019 21:14

Tgt Ion: 85 Resp: 70599

Ion Ratio Lower Upper

85 100

87 33.5 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

80000

60000

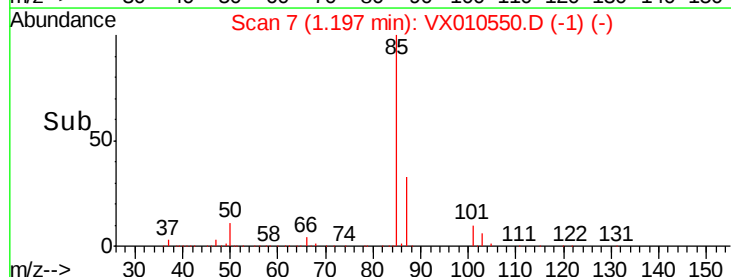
40000

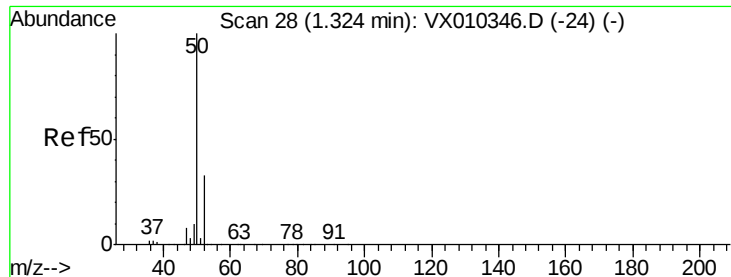
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.331 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

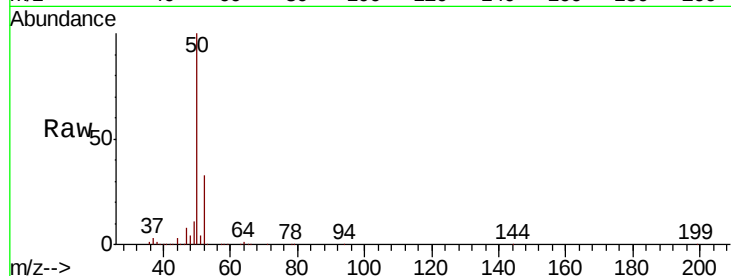
VSTDCCC050EC

Tot Ion: 50 Resp: 82737

Ion Ratio Lower Upper

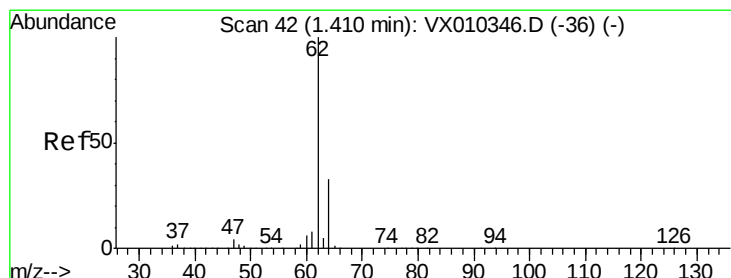
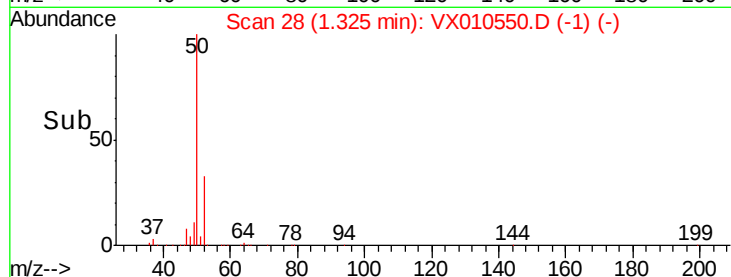
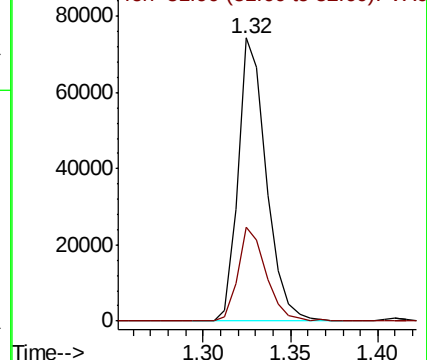
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.165 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010550.D

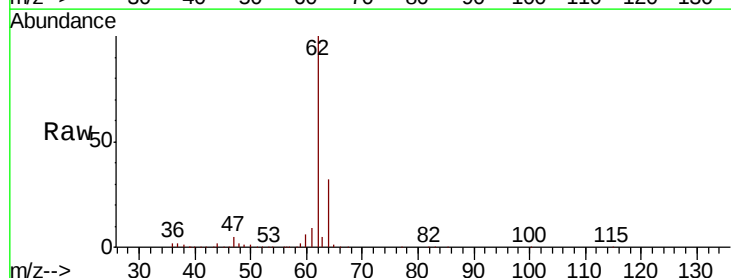
Acq: 28 Jun 2019 21:14

Tgt Ion: 62 Resp: 92327

Ion Ratio Lower Upper

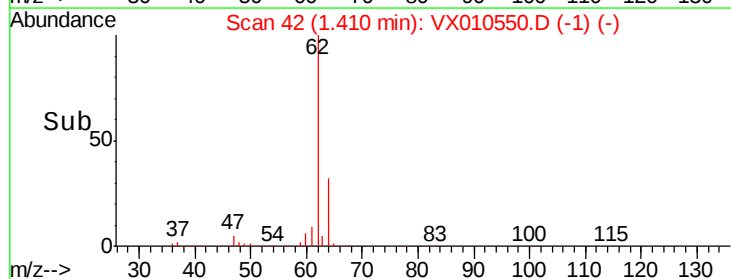
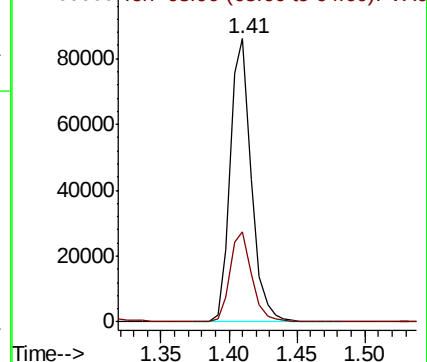
62 100

64 31.9 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: 49.731 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

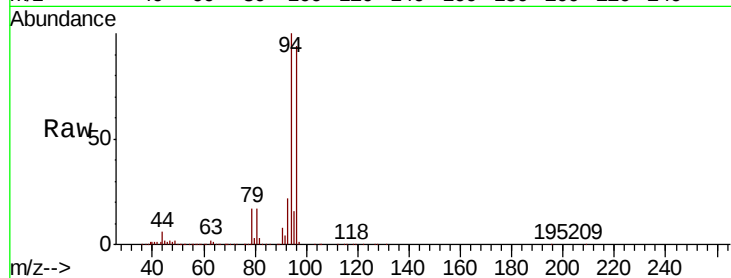
VSTDCCC050EC

Tot Ion: 94 Resp: 49527

Ion Ratio Lower Upper

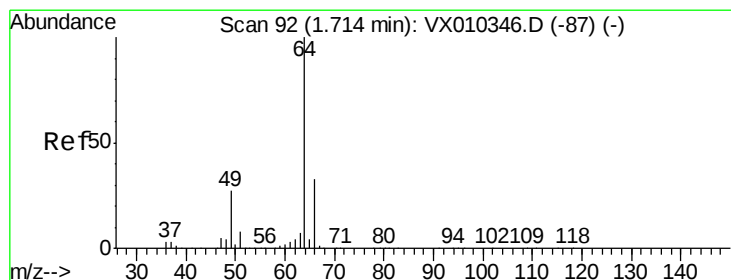
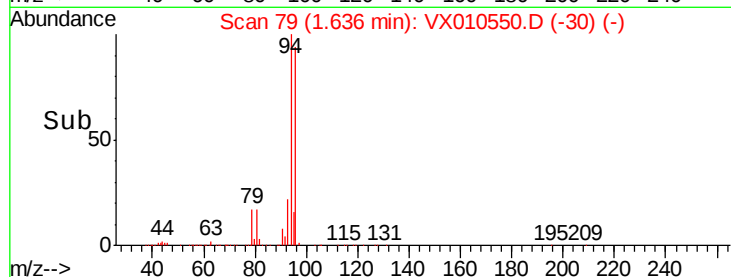
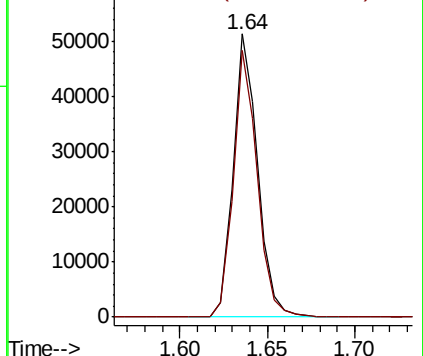
94 100

96 94.1 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: 50.198 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010550.D

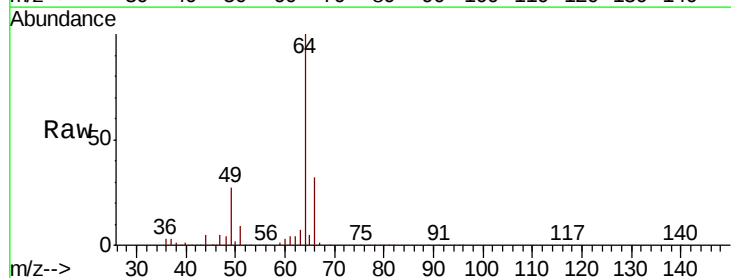
Acq: 28 Jun 2019 21:14

Tgt Ion: 64 Resp: 60541

Ion Ratio Lower Upper

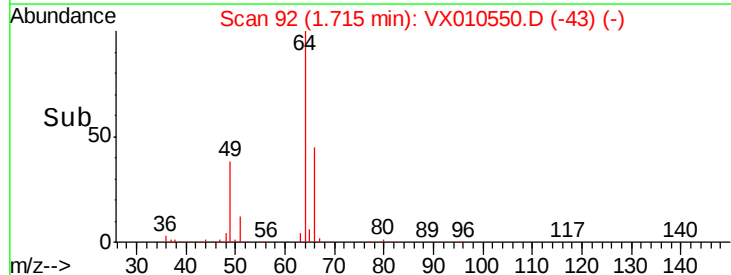
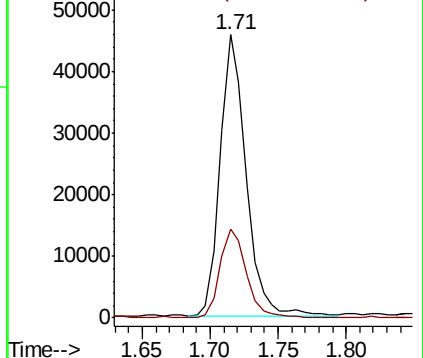
64 100

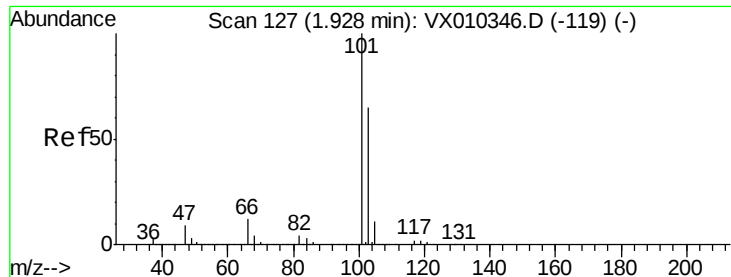
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



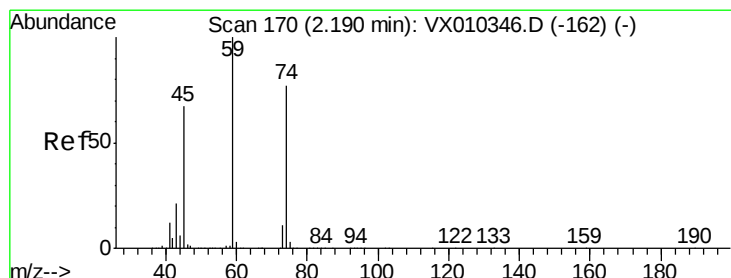
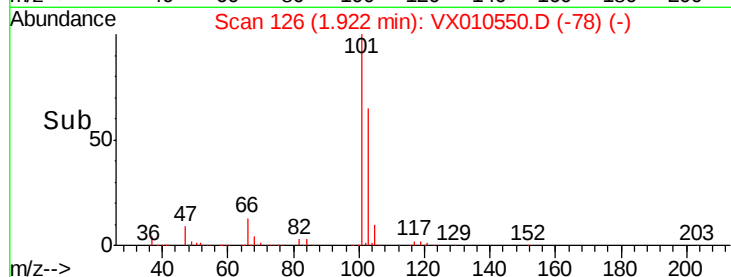
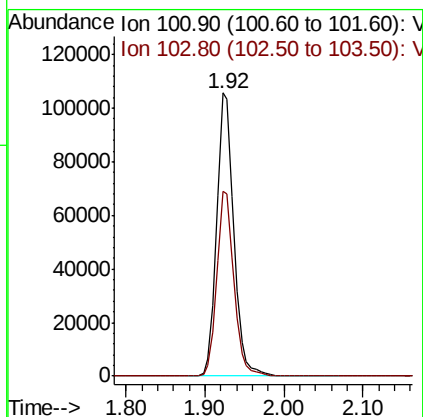
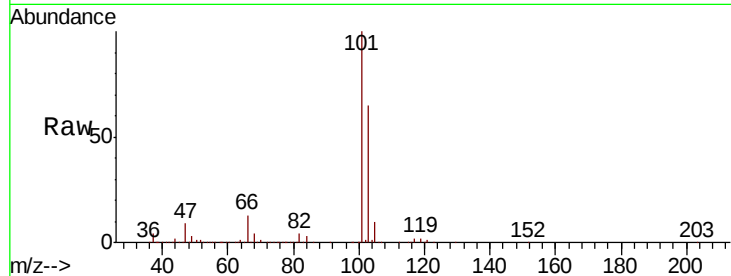


#7

Trichlorofluoromethane
 Concen: 49.535 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Instrument :
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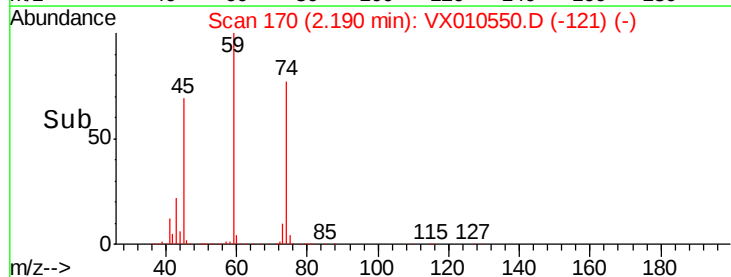
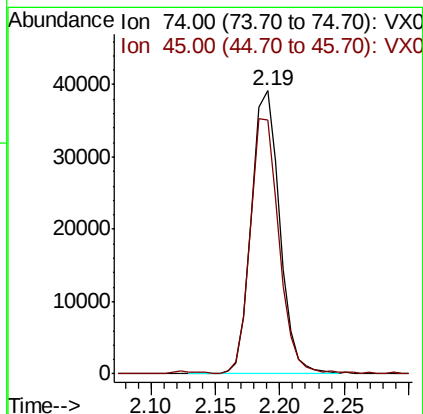
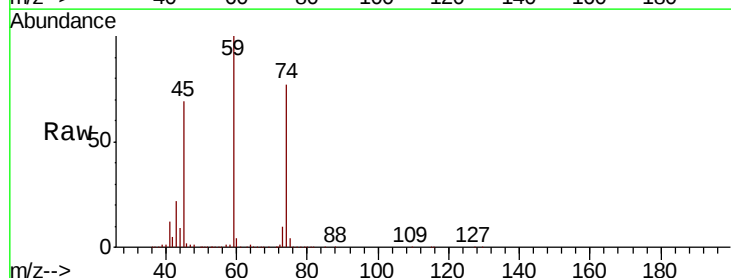
Tot Ion:101 Resp: 160521
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8

Diethyl Ether
 Concen: 50.904 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 74 Resp: 59157
 Ion Ratio Lower Upper
 74 100
 45 91.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.827 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

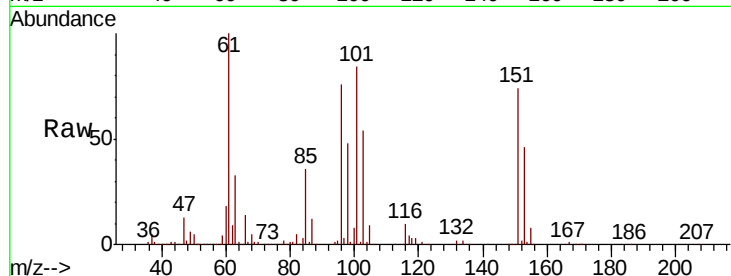
Tot Ion:101 Resp: 93922

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

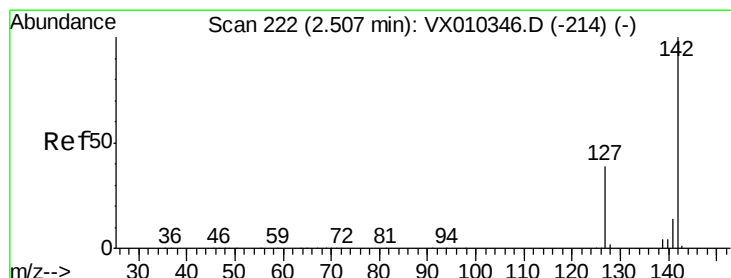
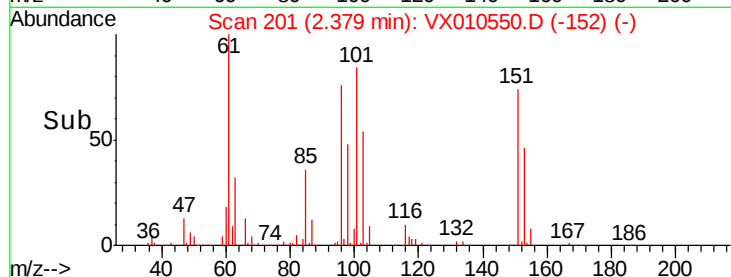
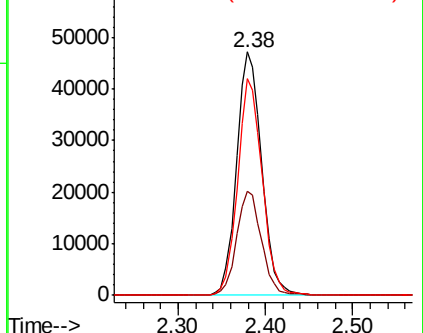
151 87.2 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.107 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

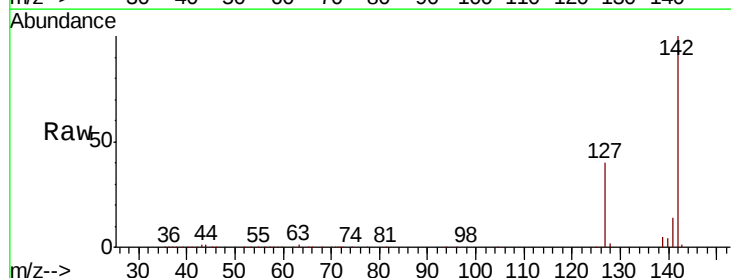
Tgt Ion:142 Resp: 137629

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

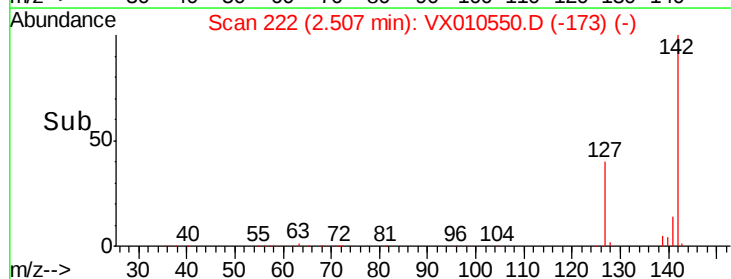
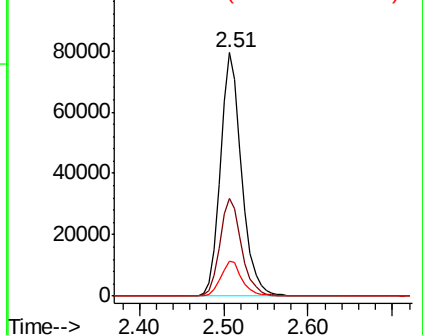
141 14.5 11.2 16.8

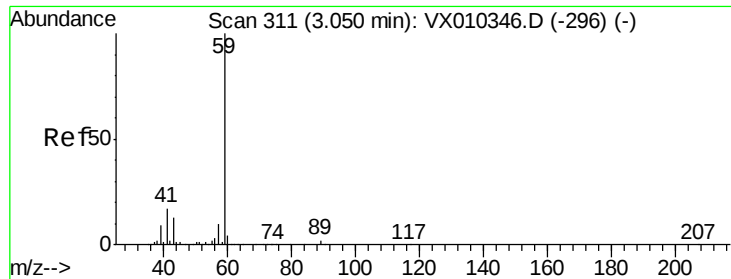


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

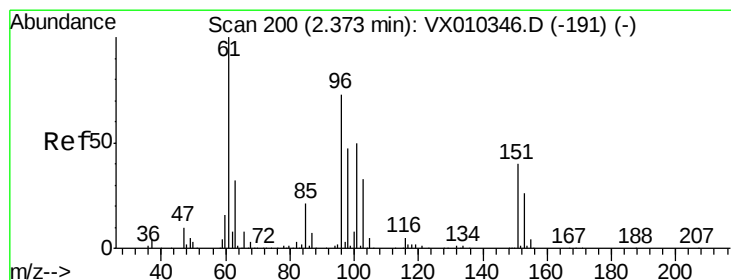
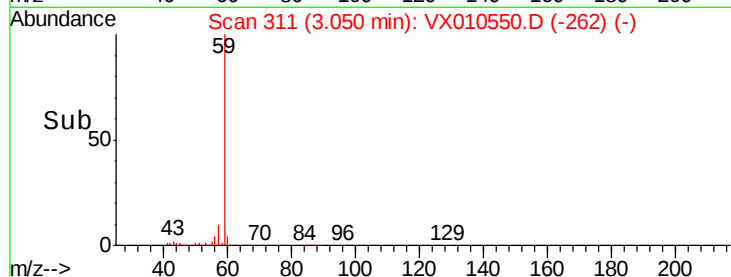
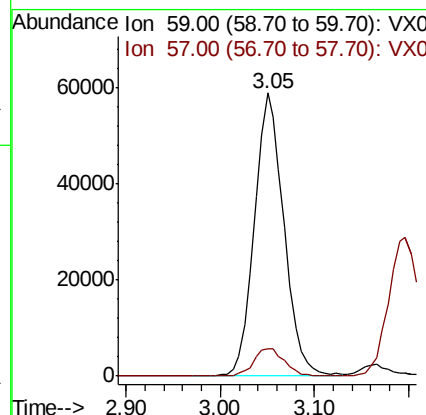
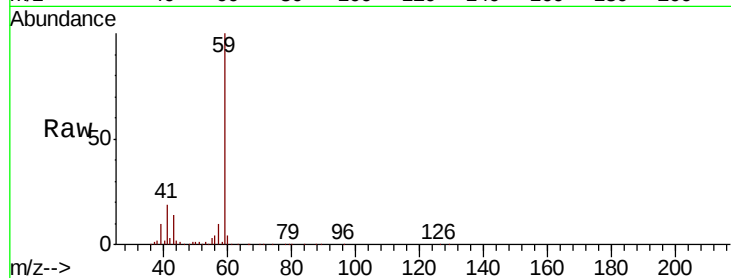




#11
Tert butyl alcohol
Concen: 229.128 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

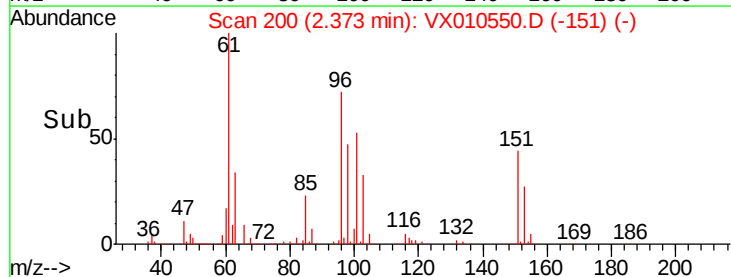
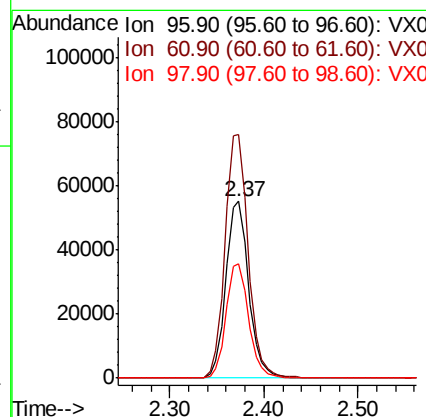
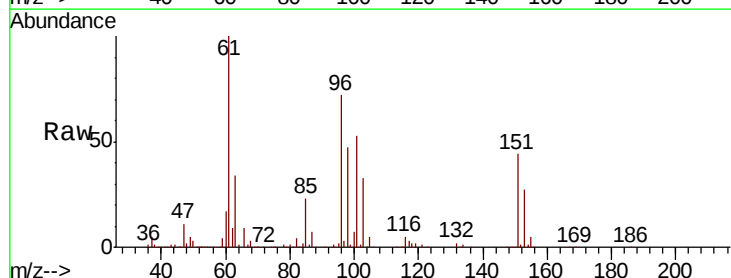
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 129597
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.593 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 96 Resp: 93107
Ion Ratio Lower Upper
96 100
61 138.0 109.2 163.8
98 64.9 51.1 76.7





#13

Acrolein

Concen: 289.045 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

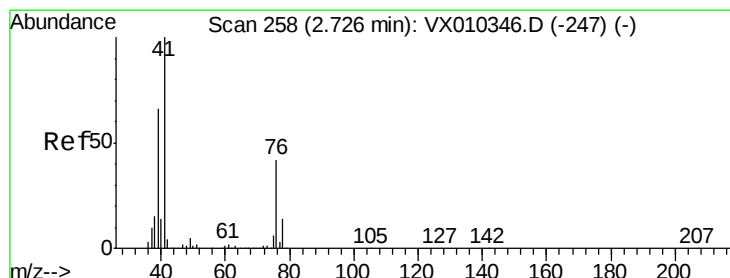
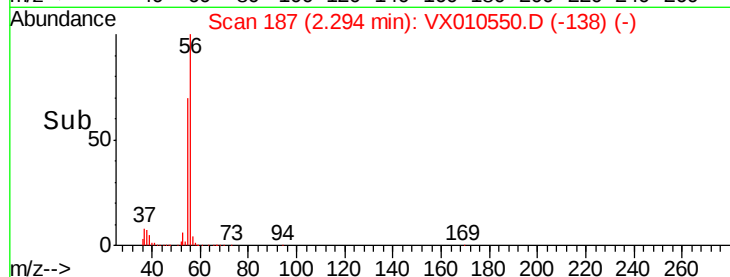
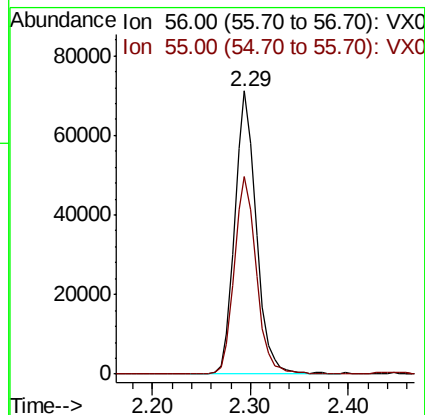
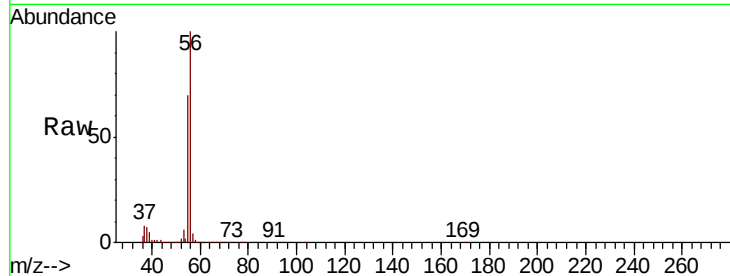
VSTDCCC050EC

Tot Ion: 56 Resp: 108453

Ion Ratio Lower Upper

56 100

55 71.7 56.9 85.3



#14

Allyl chloride

Concen: 47.681 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

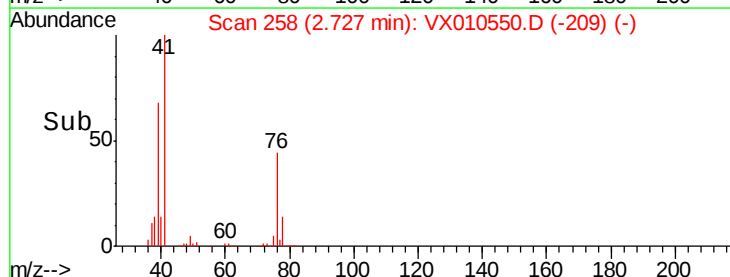
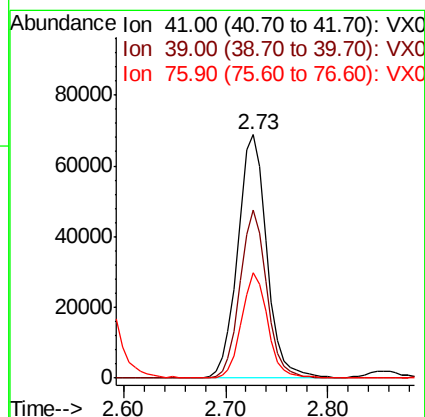
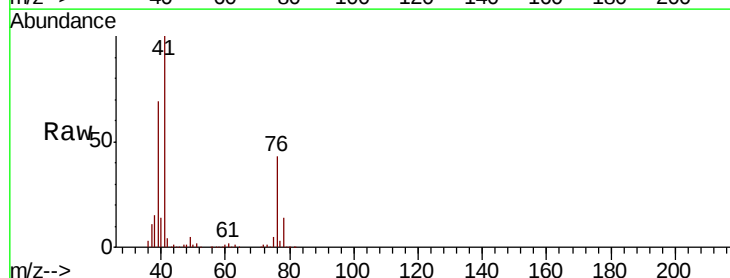
Tgt Ion: 41 Resp: 135272

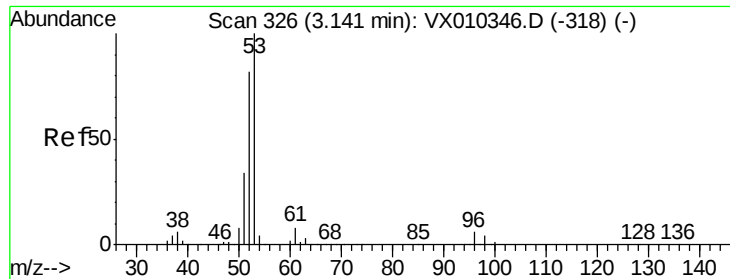
Ion Ratio Lower Upper

41 100

39 63.5 50.3 75.5

76 38.7 31.3 46.9





#15

Acrylonitrile

Concen: 260.634 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

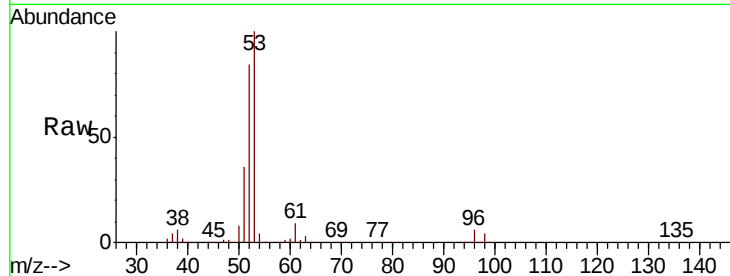
Tot Ion: 53 Resp: 291869

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

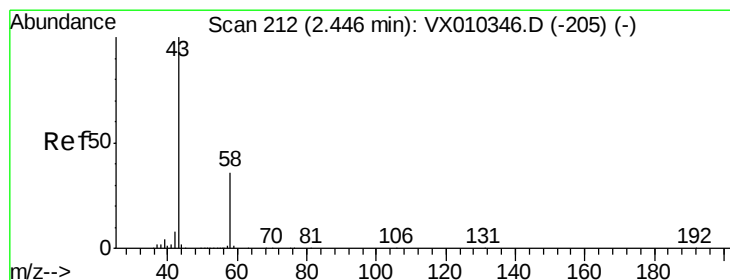
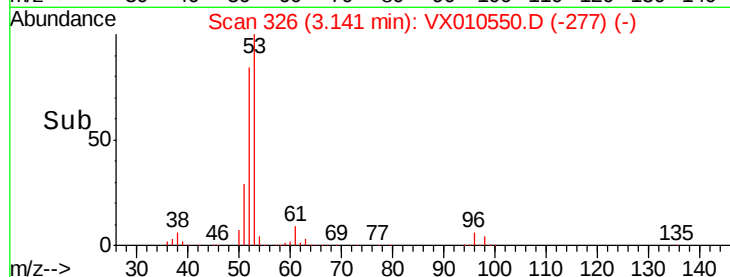
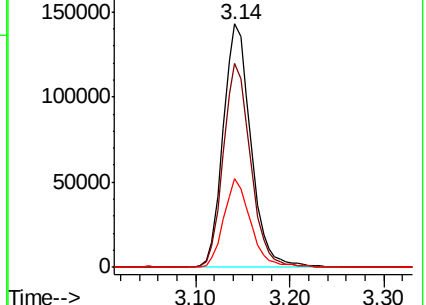
51 35.2 28.2 42.4



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: 222.669 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010550.D

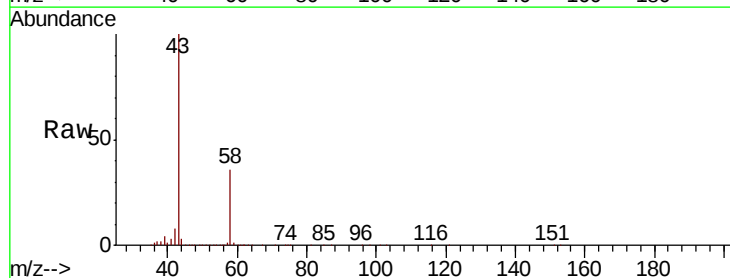
Acq: 28 Jun 2019 21:14

Tgt Ion: 43 Resp: 241219

Ion Ratio Lower Upper

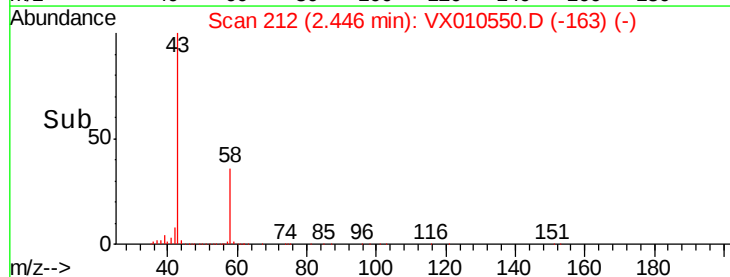
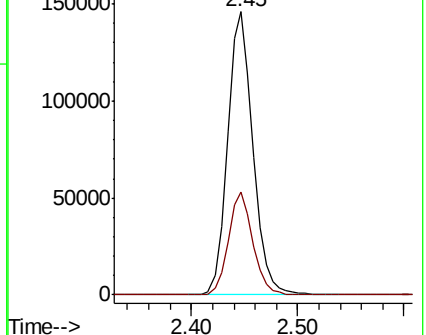
43 100

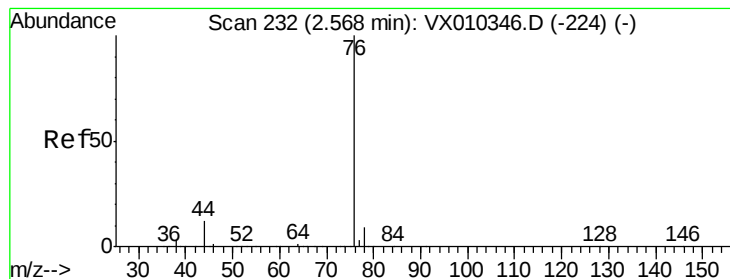
58 36.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.219 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

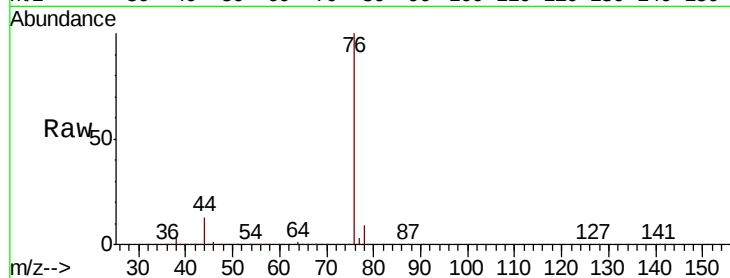
VSTDCCC050EC

Tot Ion: 76 Resp: 215619

Ion Ratio Lower Upper

76 100

78 9.4 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

150000

100000

50000

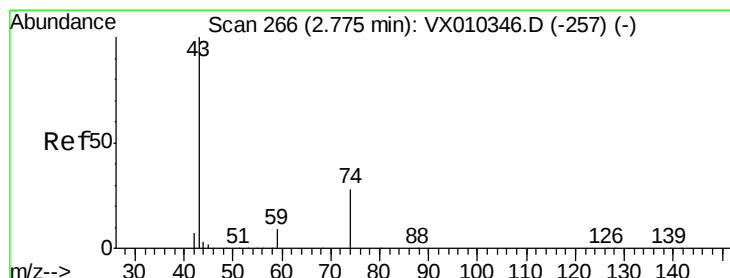
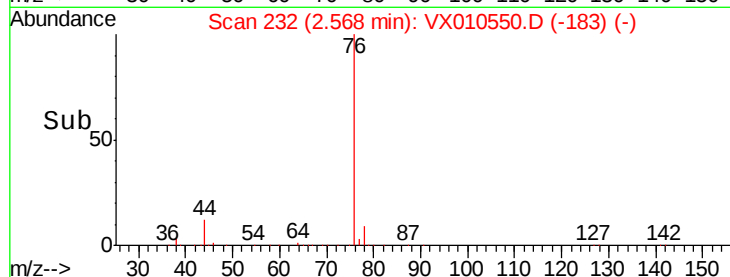
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 53.160 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010550.D

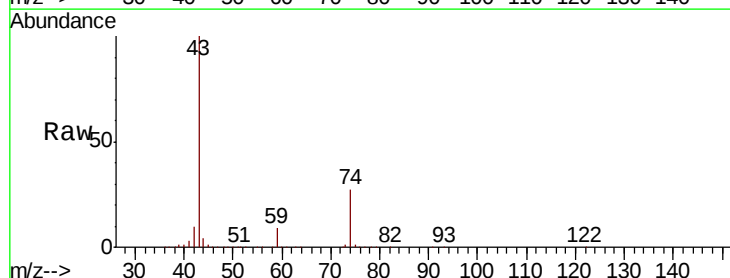
Acq: 28 Jun 2019 21:14

Tgt Ion: 43 Resp: 114778

Ion Ratio Lower Upper

43 100

74 26.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

40000

20000

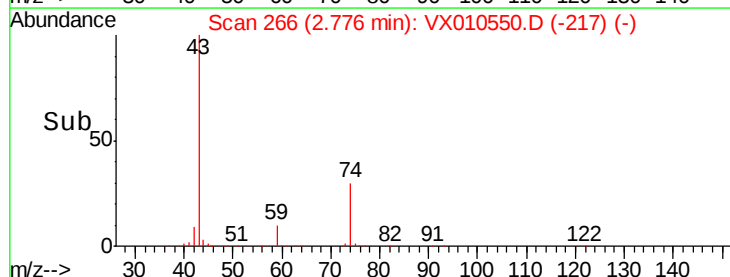
0

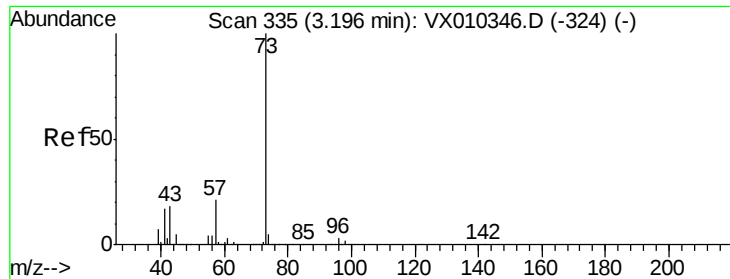
Time-->

2.70

2.80

2.90

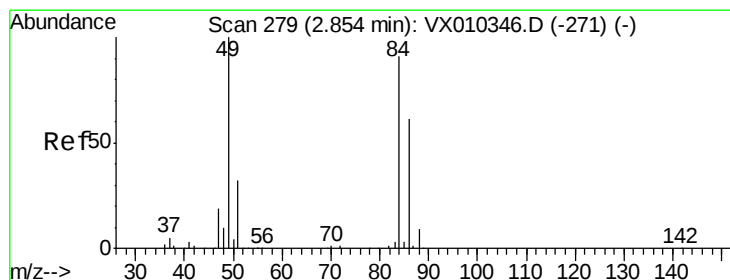
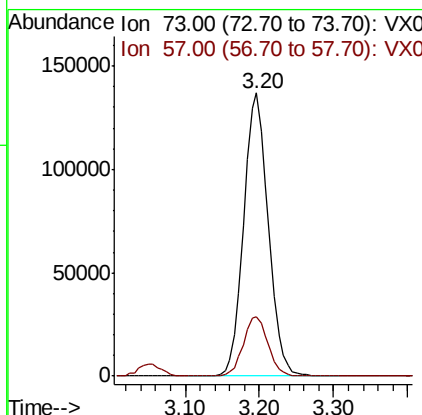
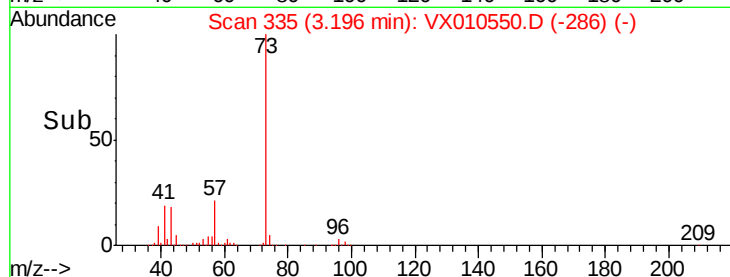
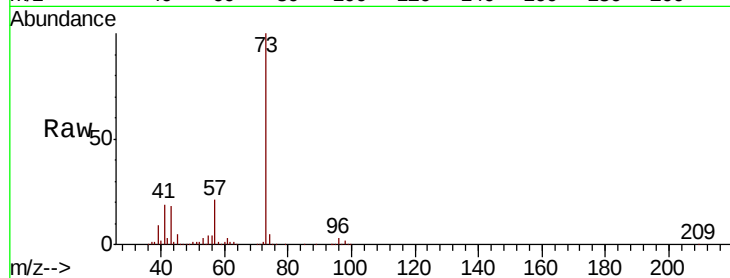




#19
Methyl tert-butyl Ether
Concen: 50.526 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

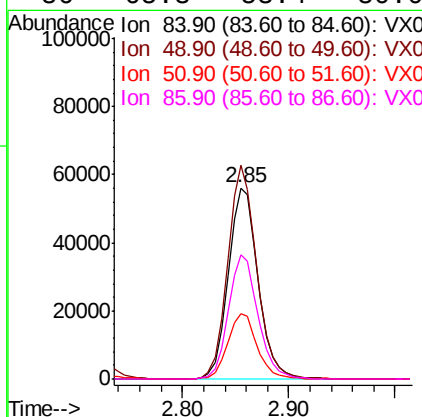
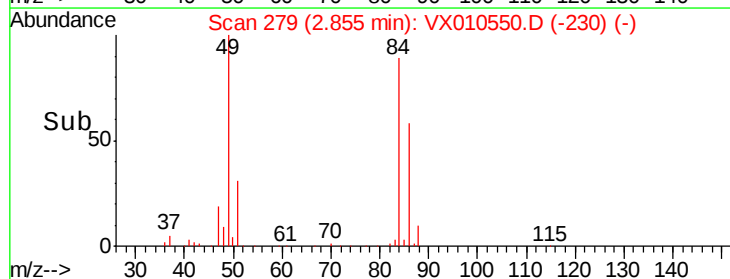
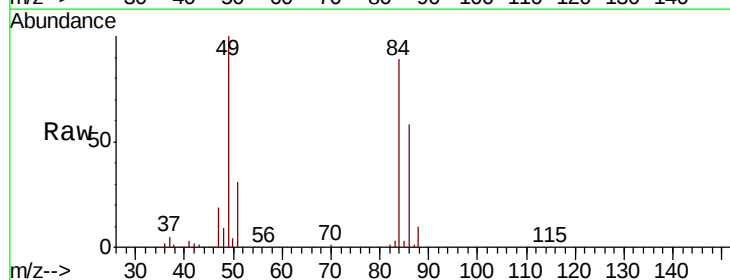
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 317628
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 49.197 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 84 Resp: 109680
Ion Ratio Lower Upper
84 100
49 111.8 87.5 131.3
51 34.1 27.7 41.5
86 65.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.917 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

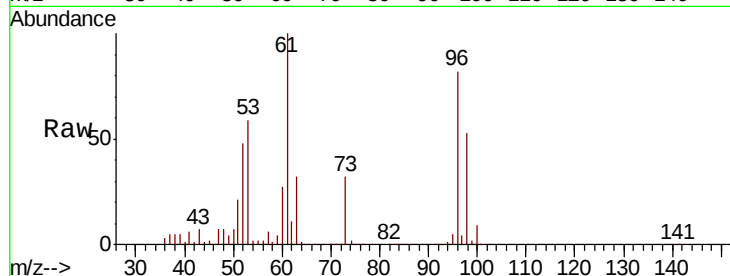
Tot Ion: 96 Resp: 100833

Ion Ratio Lower Upper

96 100

61 121.9 95.6 143.4

98 64.4 52.5 78.7

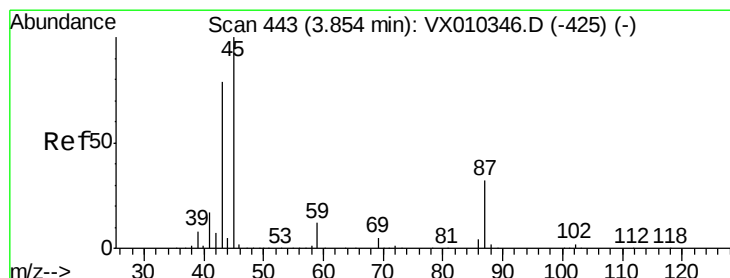
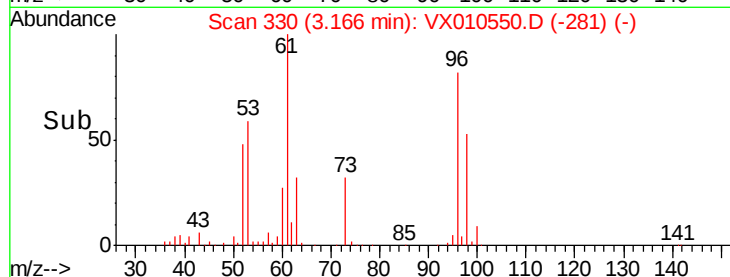
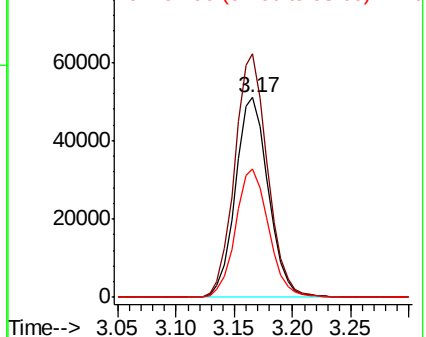


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.053 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Tgt Ion: 45 Resp: 302823

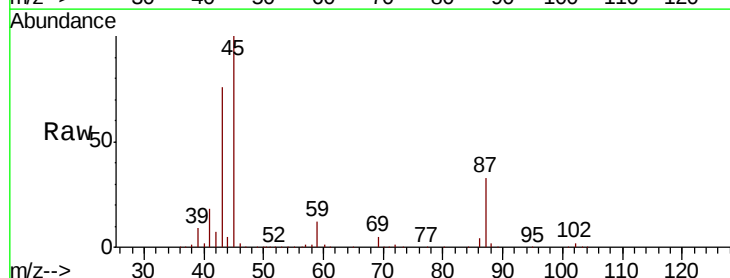
Ion Ratio Lower Upper

45 100

43 75.9 63.3 94.9

87 32.5 25.8 38.8

59 12.3 9.6 14.4



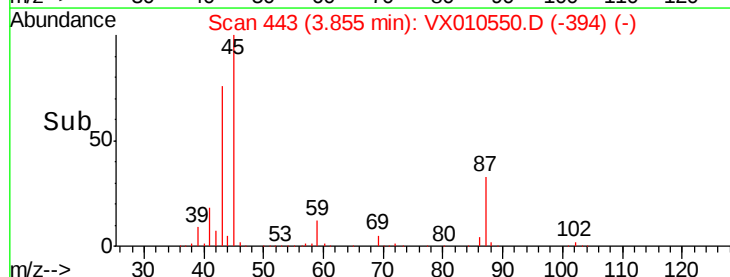
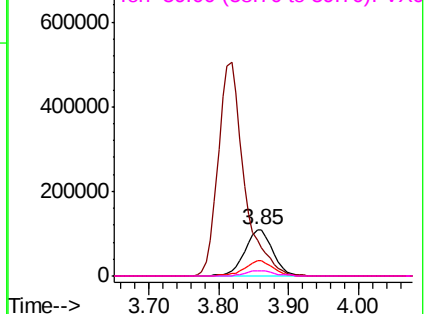
Abundance

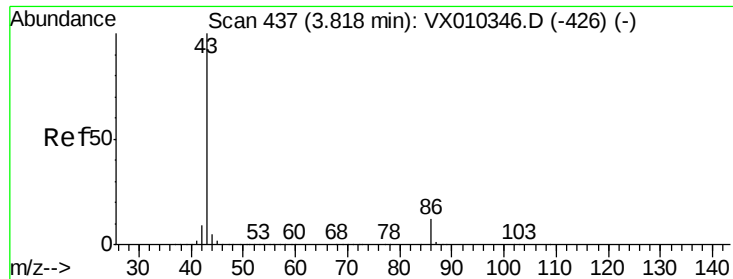
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.211 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

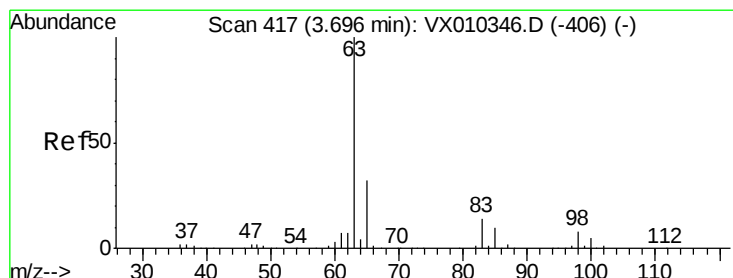
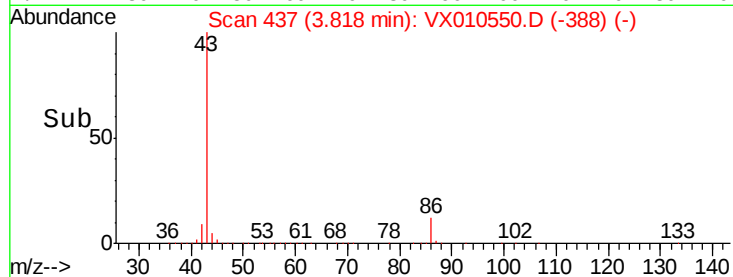
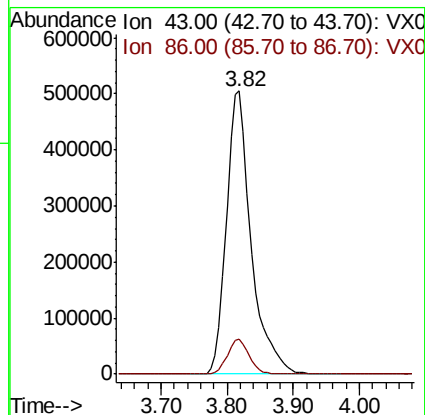
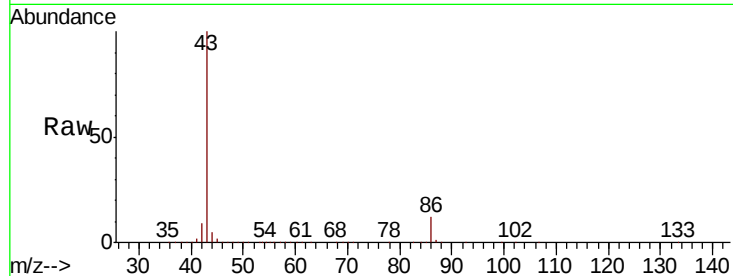
VSTDCCC050EC

Tot Ion: 43 Resp: 1307748

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



#24

1,1-Dichloroethane

Concen: 49.376 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

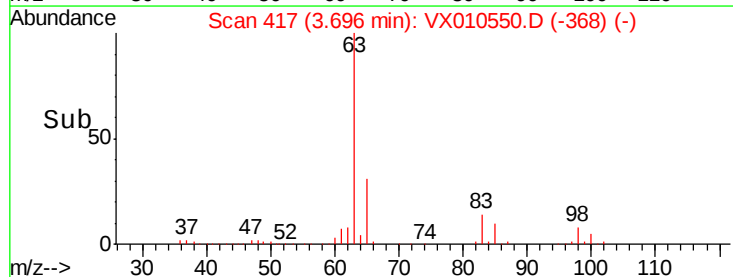
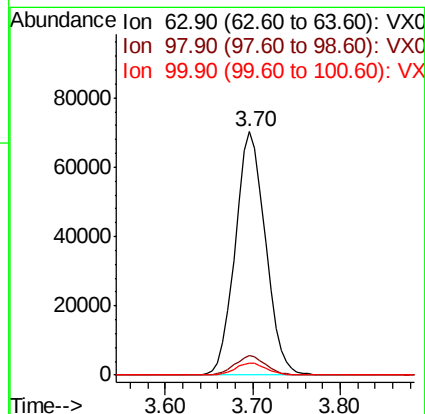
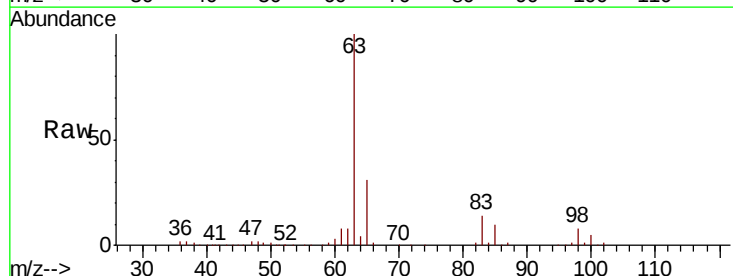
Tgt Ion: 63 Resp: 169291

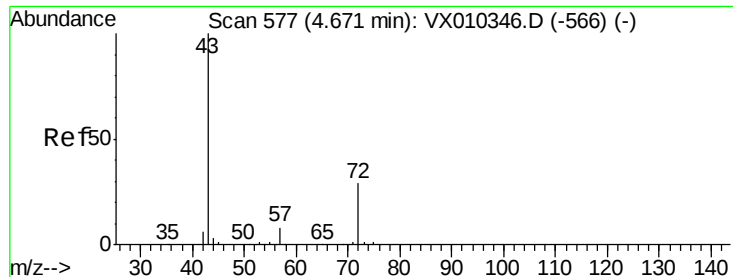
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 251.977 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

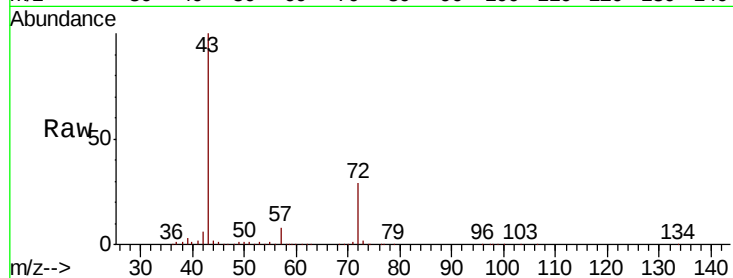
VSTDCCC050EC

Tot Ion: 43 Resp: 400411

Ion Ratio Lower Upper

43 100

72 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

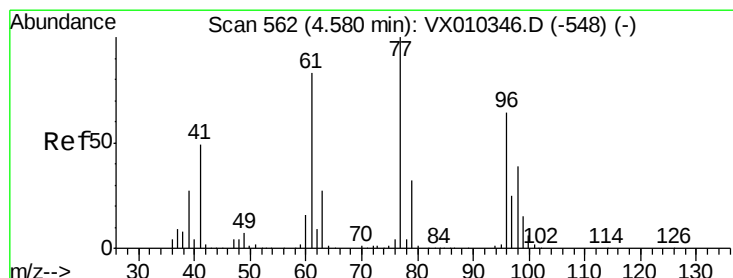
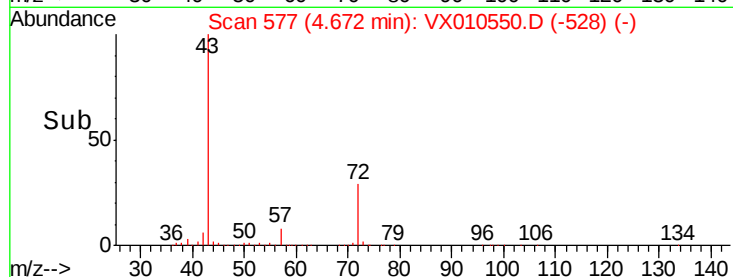
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.426 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010550.D

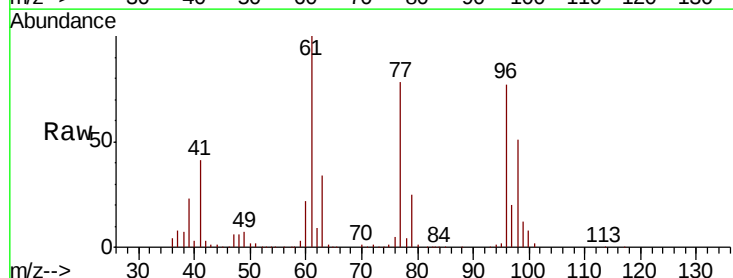
Acq: 28 Jun 2019 21:14

Tgt Ion: 77 Resp: 117427

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

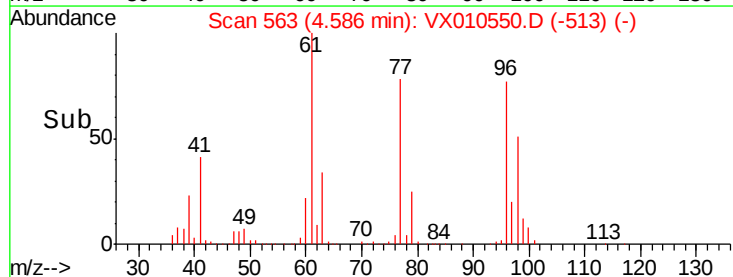
20000

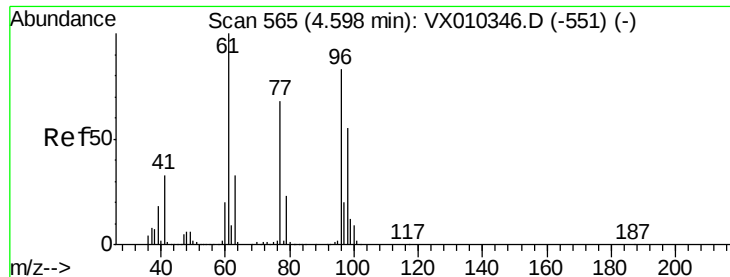
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



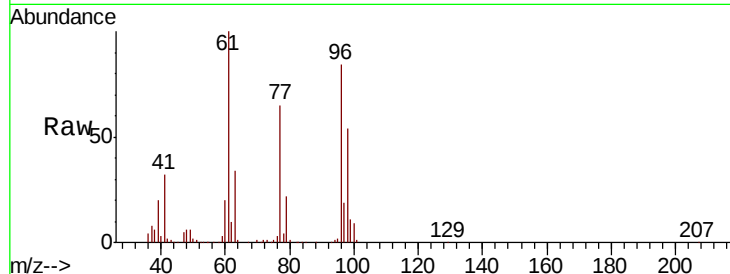


#27

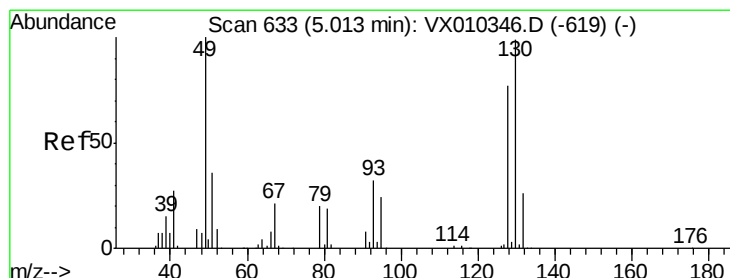
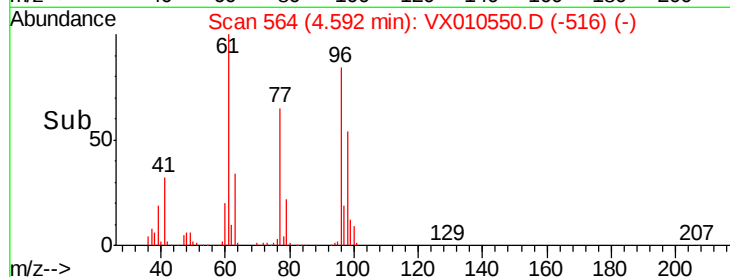
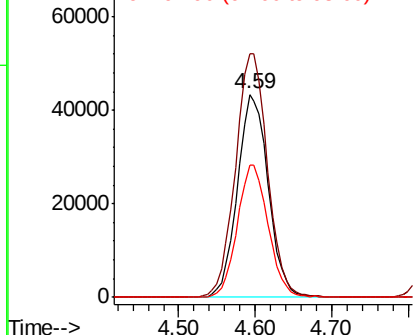
cis-1,2-Dichloroethene
Concen: 48.917 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 121489
Ion Ratio Lower Upper
96 100
61 124.9 0.0 251.8
98 65.3 0.0 129.4



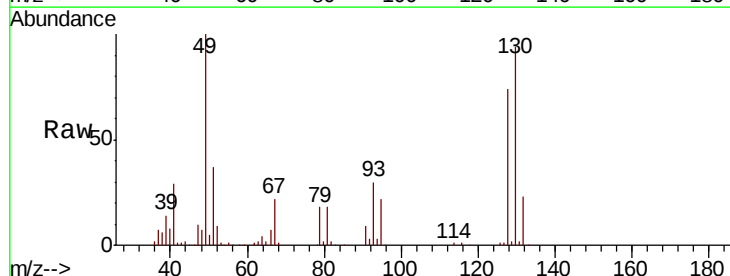
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



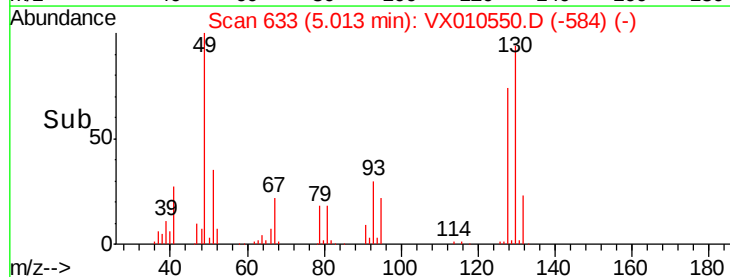
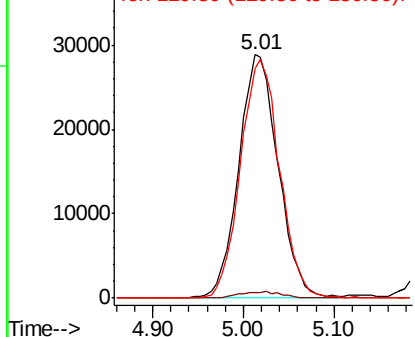
#28

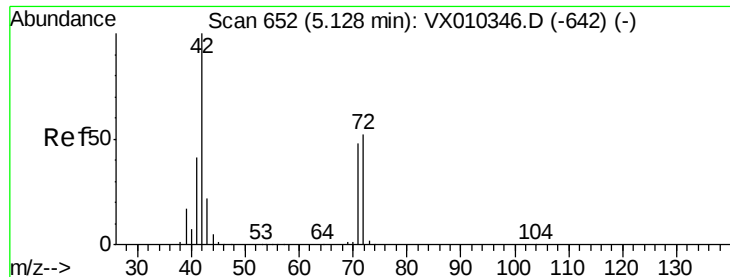
Bromochloromethane
Concen: 52.971 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 49 Resp: 86835
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 97.6 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: 260.553 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

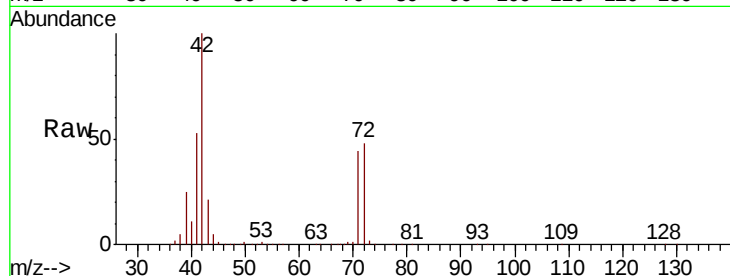
Tot Ion: 42 Resp: 256458

Ion Ratio Lower Upper

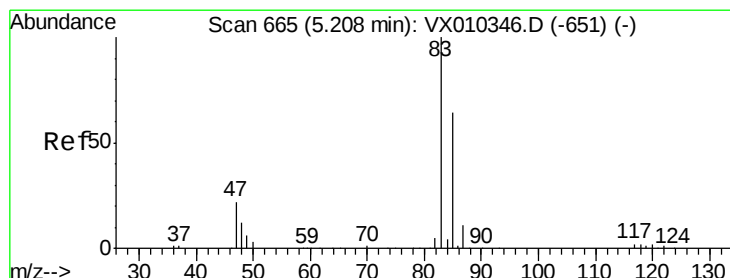
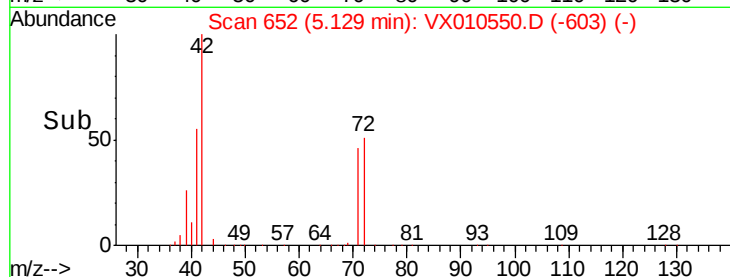
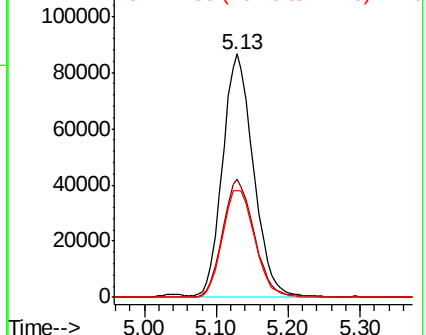
42 100

72 50.3 40.6 60.8

71 46.6 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.716 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010550.D

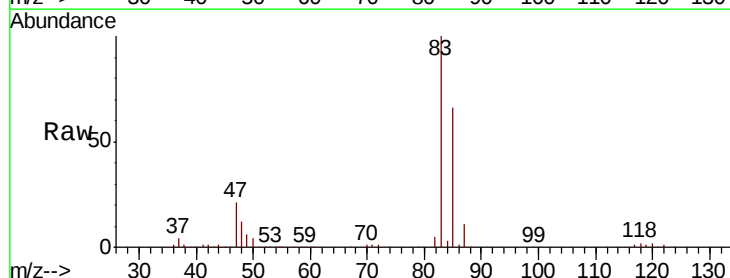
Acq: 28 Jun 2019 21:14

Tgt Ion: 83 Resp: 183403

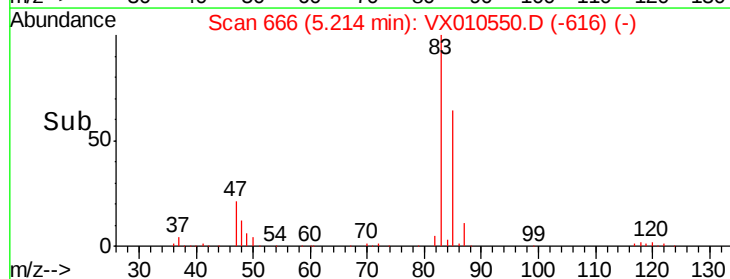
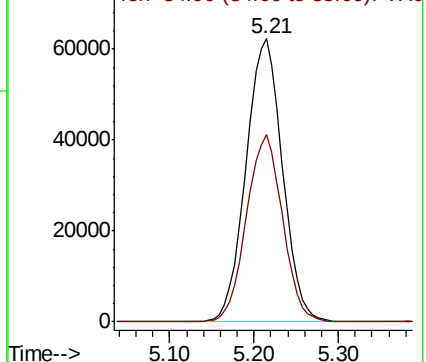
Ion Ratio Lower Upper

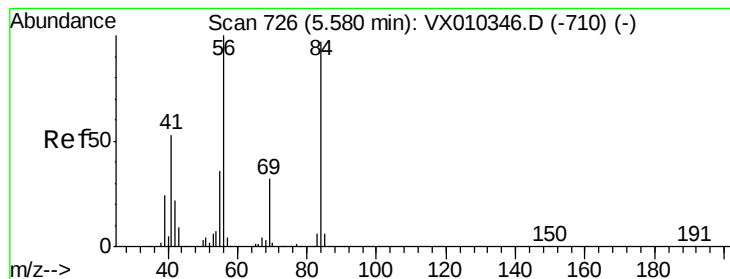
83 100

85 66.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.105 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

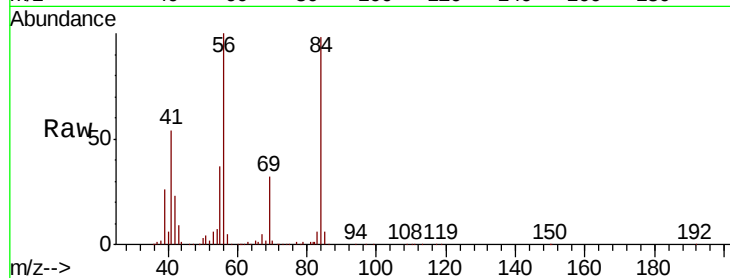
Tot Ion: 56 Resp: 147073

Ion Ratio Lower Upper

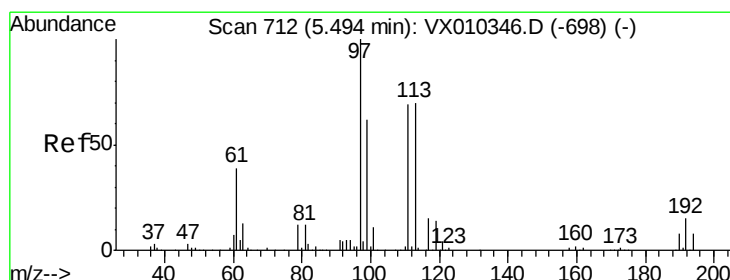
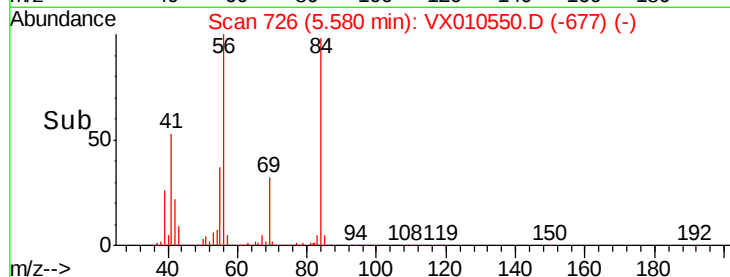
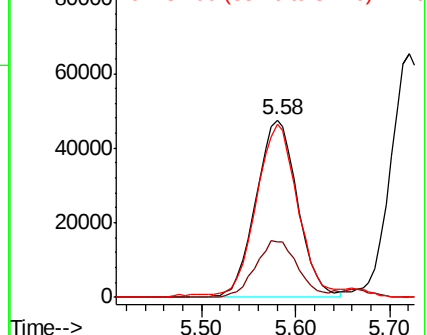
56 100

69 31.5 25.9 38.9

84 96.0 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: 49.357 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

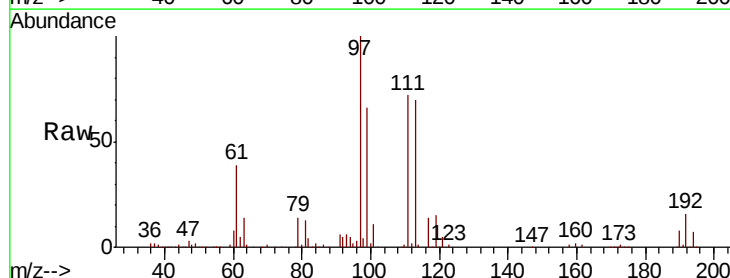
Tgt Ion: 97 Resp: 160775

Ion Ratio Lower Upper

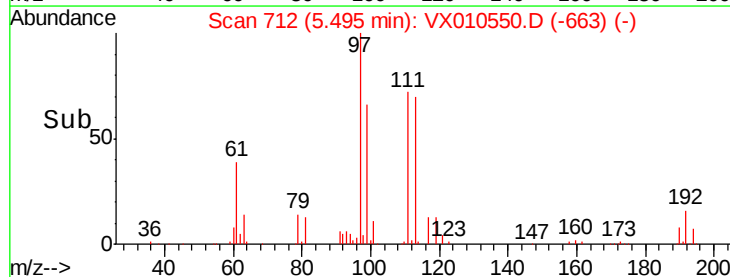
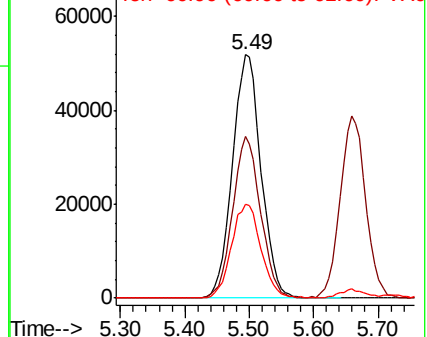
97 100

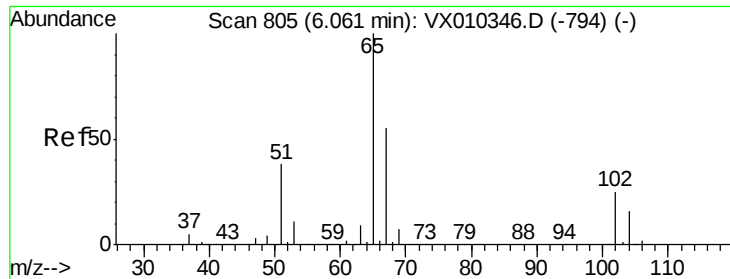
99 64.5 51.8 77.8

61 39.8 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: 51.536 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

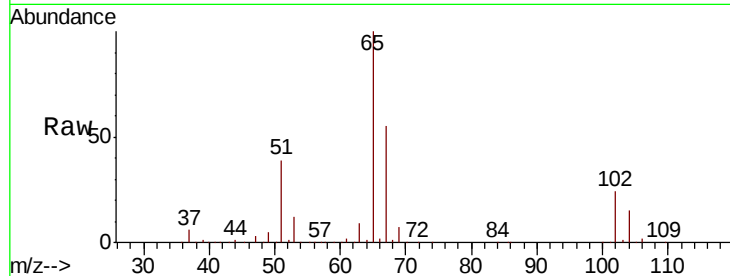
VSTDCCC050EC

Tot Ion: 65 Resp: 111399

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

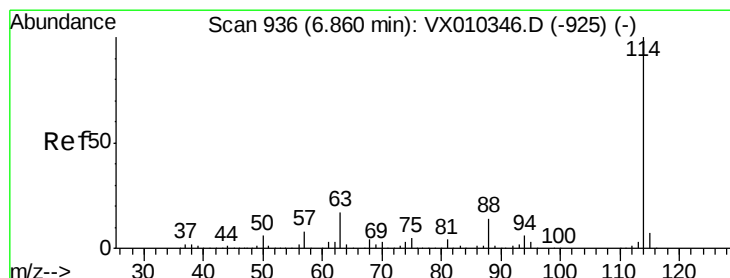
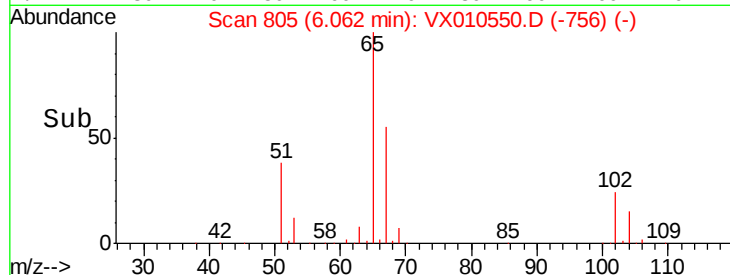
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

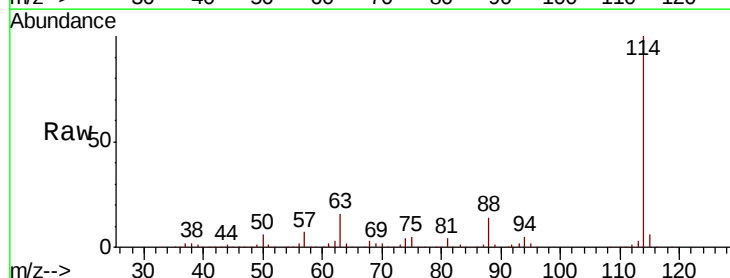
Tgt Ion: 114 Resp: 351030

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.8

88 13.7 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

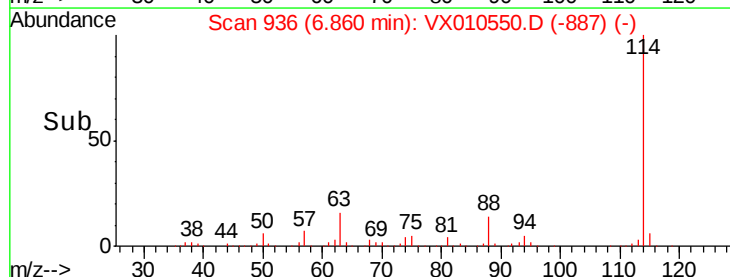
100000

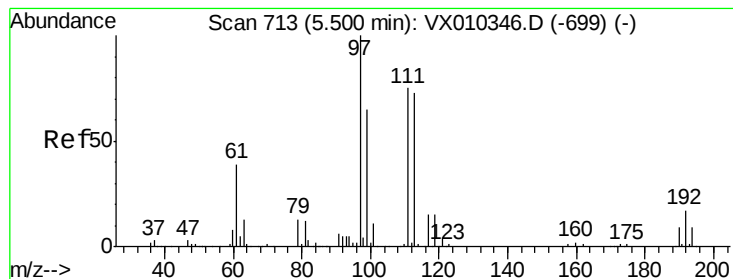
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

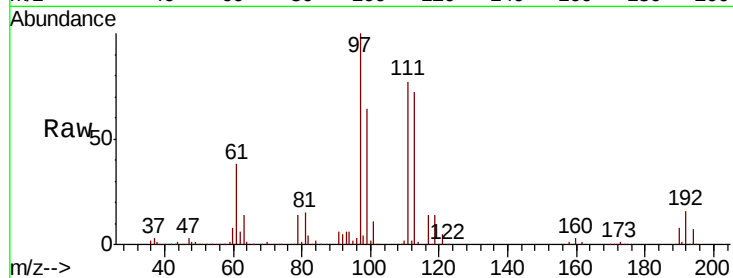
Tot Ion:113 Resp: 107072

Ion Ratio Lower Upper

113 100

111 104.4 81.2 121.8

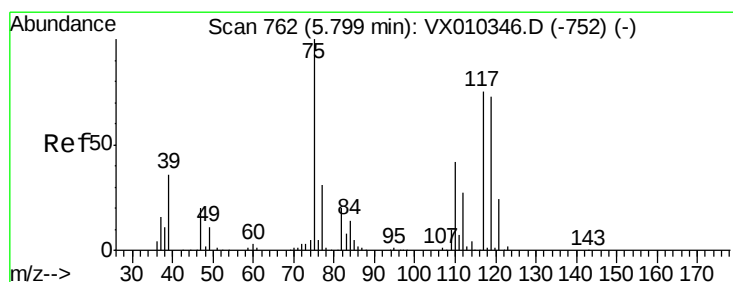
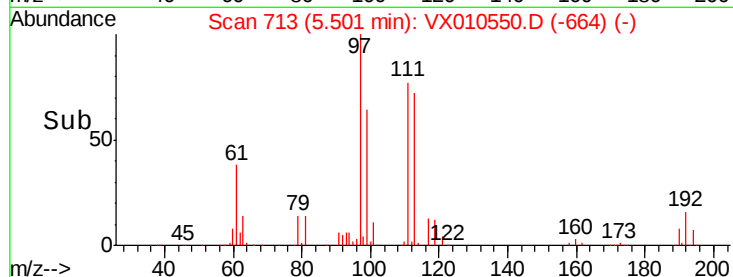
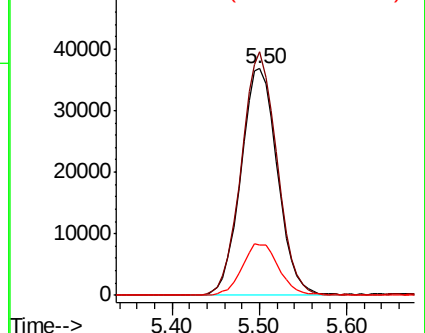
192 22.8 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.796 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

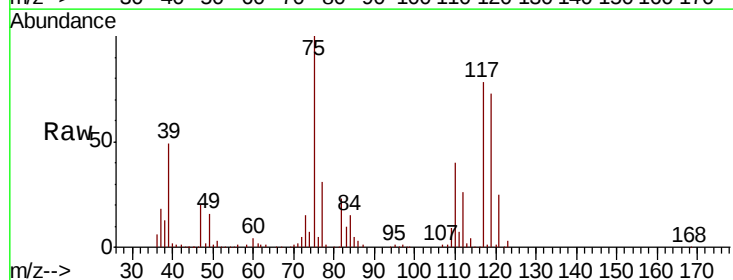
Tgt Ion: 75 Resp: 130537

Ion Ratio Lower Upper

75 100

110 41.5 20.8 62.2

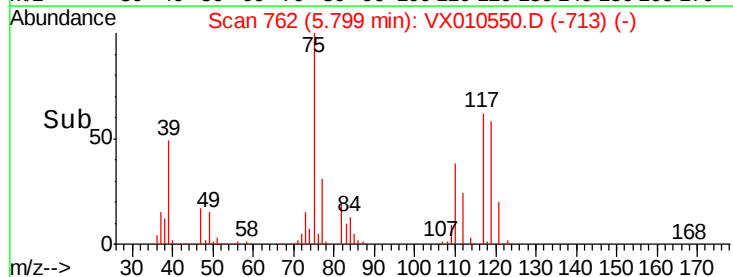
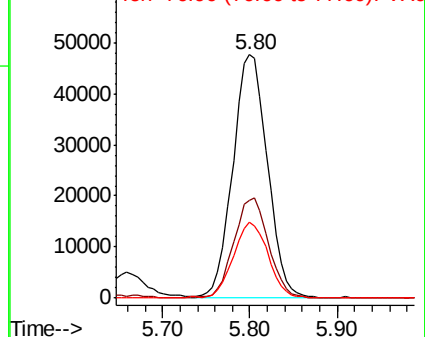
77 31.9 25.4 38.0

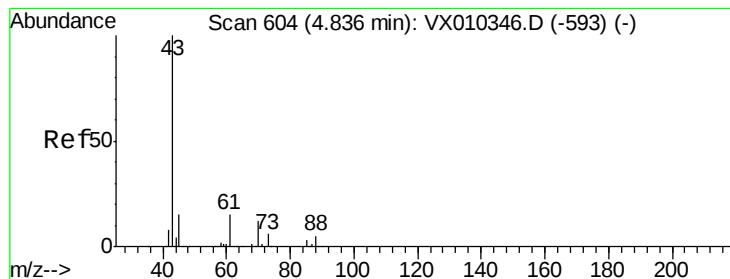


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.809 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

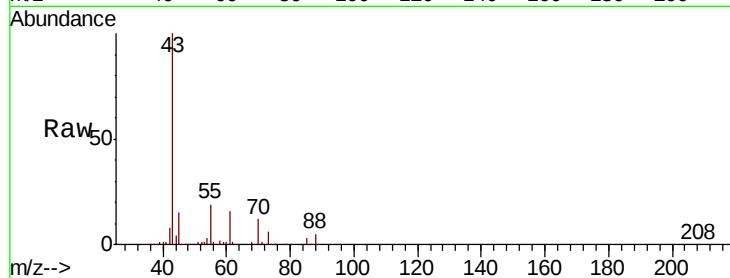
Tot Ion: 43 Resp: 145807

Ion Ratio Lower Upper

43 100

61 15.5 12.4 18.6

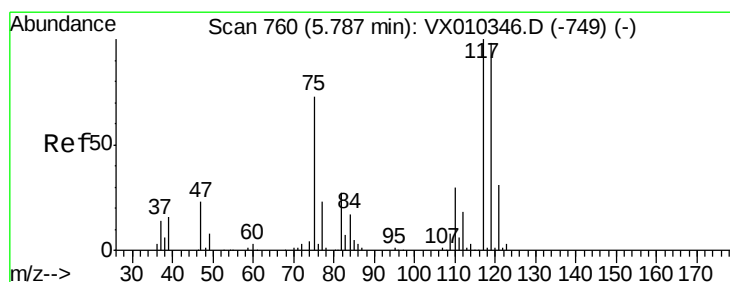
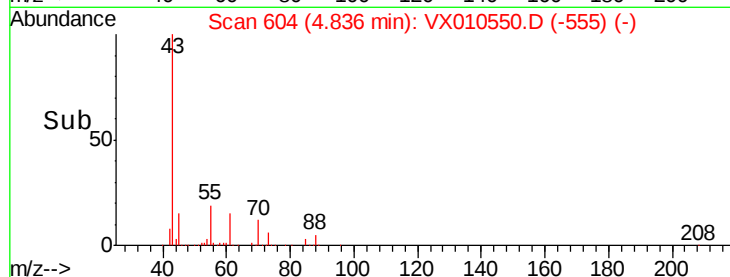
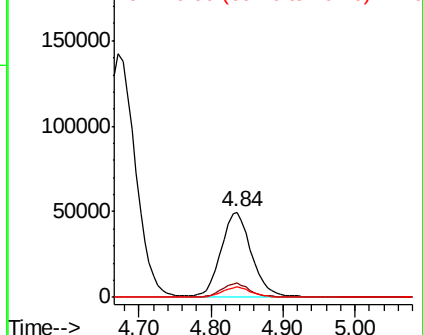
70 12.0 9.8 14.8



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: 46.158 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

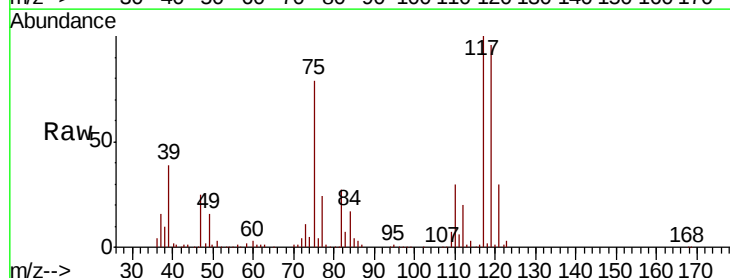
Tgt Ion: 117 Resp: 139426

Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.4

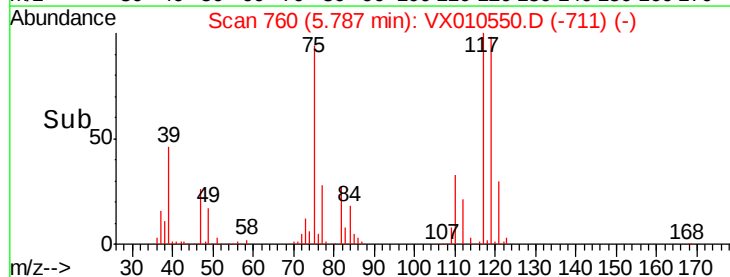
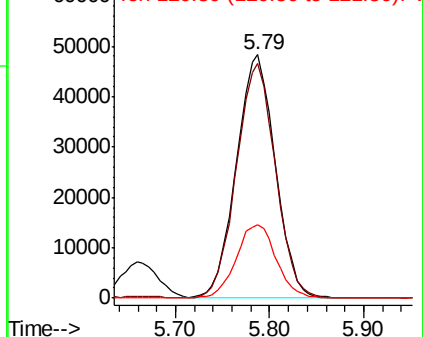
121 30.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

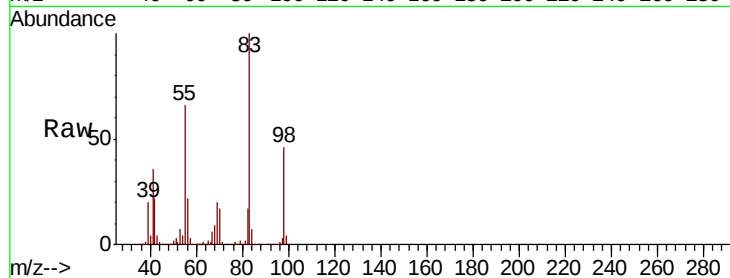




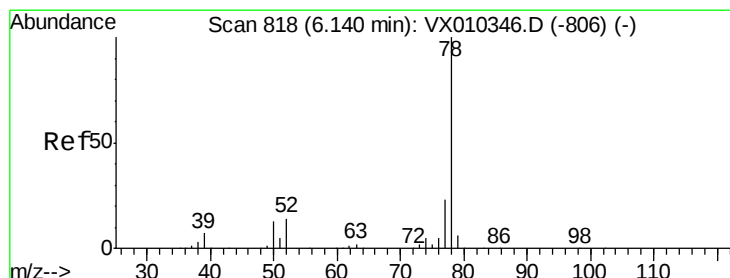
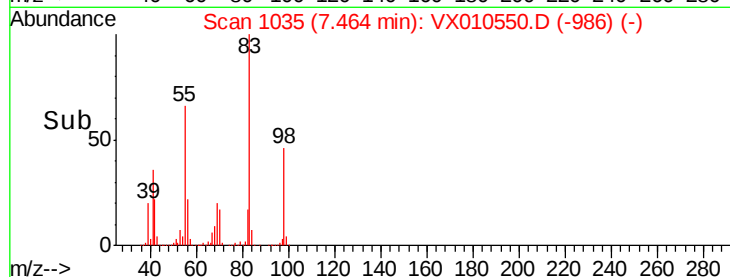
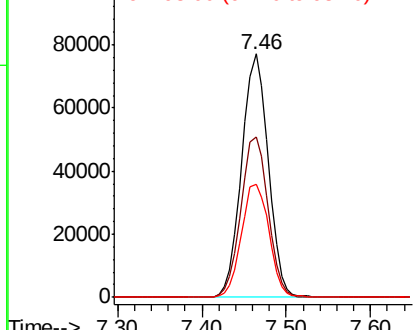
#39
Methvlcvclohexane
Concen: 44.708 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 163929
Ion Ratio Lower Upper
83 100
55 66.0 53.0 79.6
98 46.3 37.8 56.8

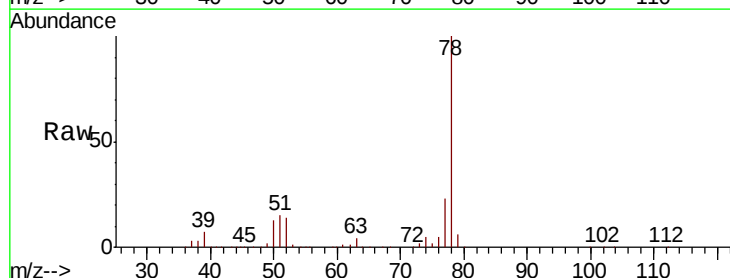


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

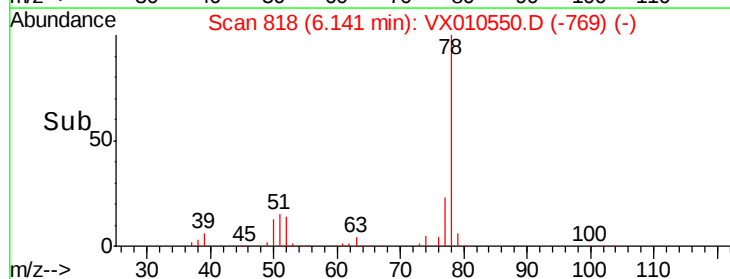
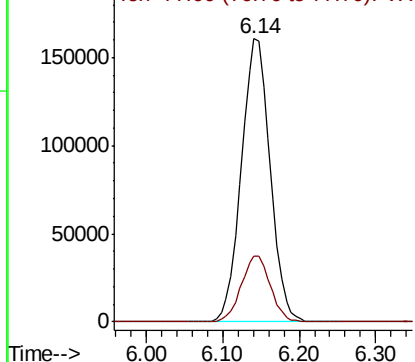


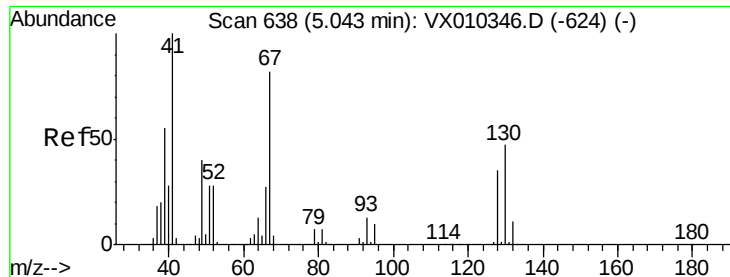
#40
Benzene
Concen: 48.284 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 78 Resp: 419618
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



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

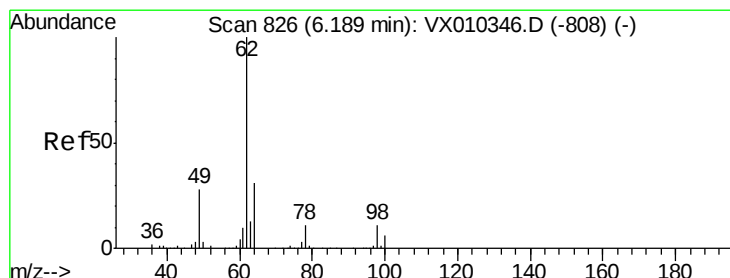
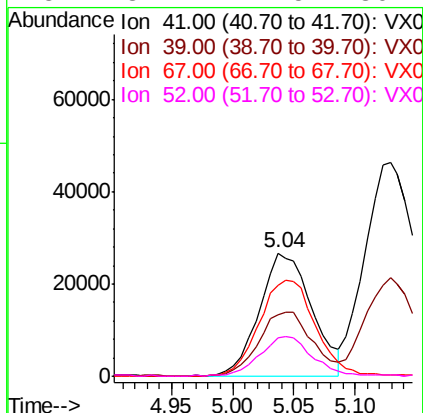
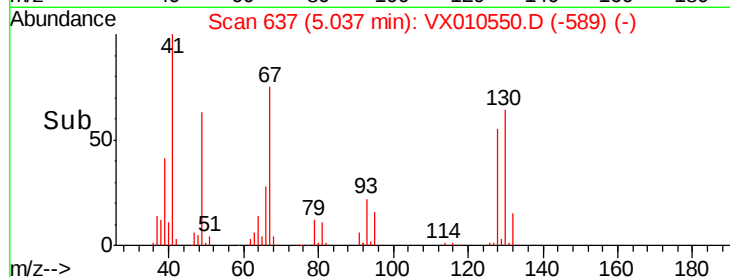
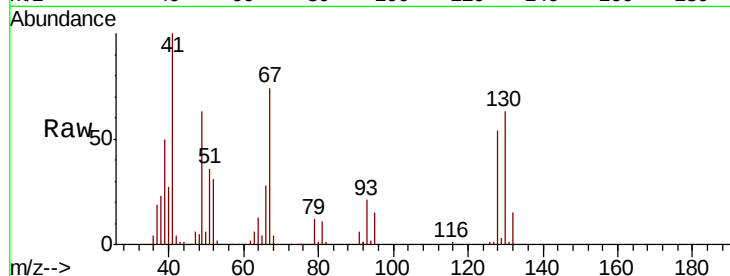




#41
Methacrylonitrile
Concen: 50.311 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

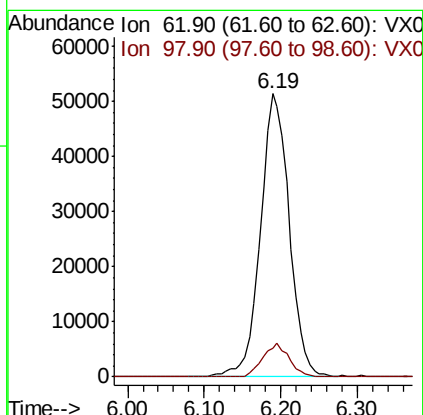
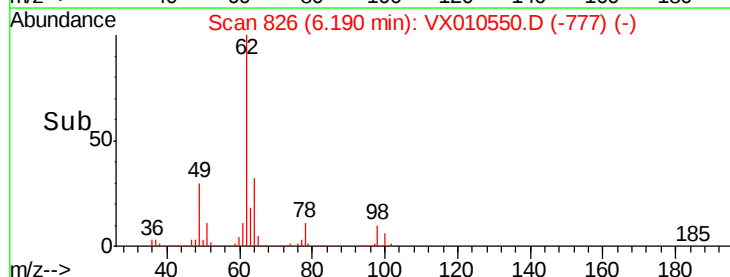
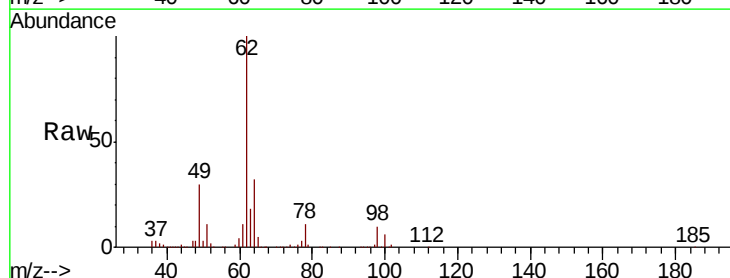
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

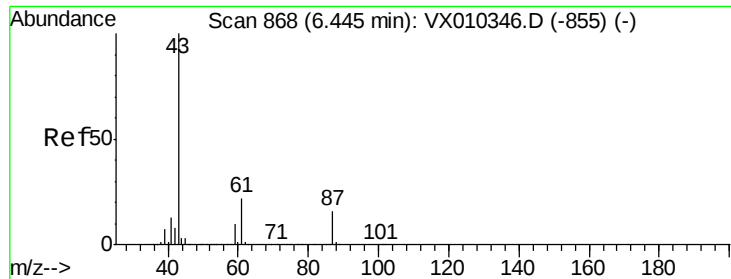
Tot Ion:	41	Resp:	79217
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.8	65.8
67	84.1	66.6	100.0
52	32.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 50.757 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion:	62	Resp:	134274
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.2





#43

Isopropyl Acetate

Concen: 50.395 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

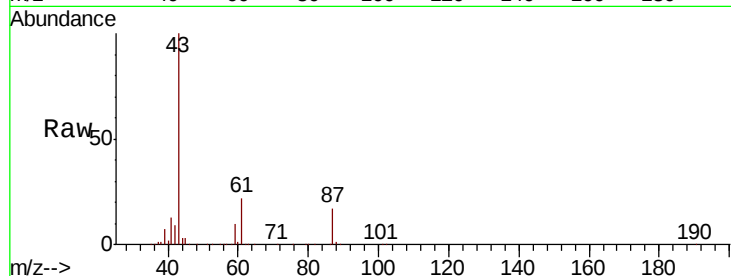
Tot Ion: 43 Resp: 239270

Ion Ratio Lower Upper

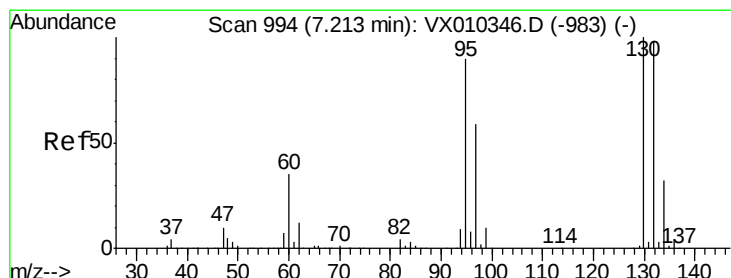
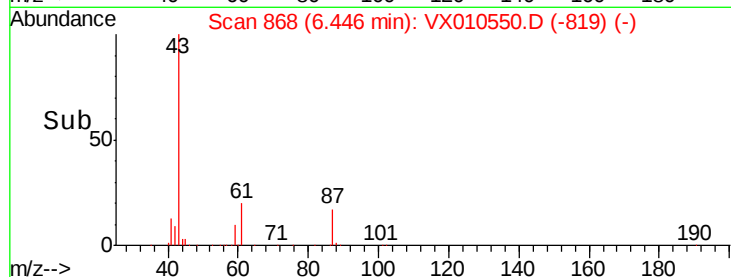
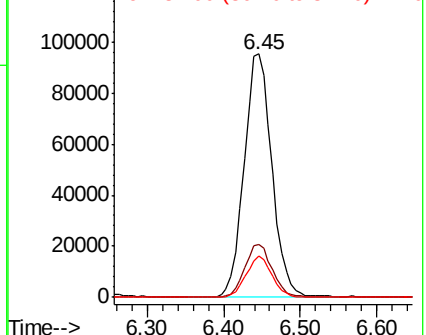
43 100

61 21.8 17.8 26.6

87 16.0 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: 48.322 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010550.D

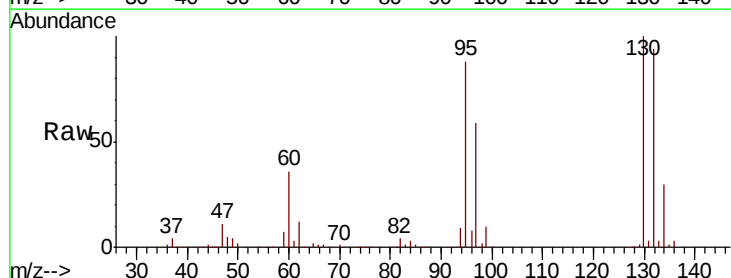
Acq: 28 Jun 2019 21:14

Tgt Ion:130 Resp: 125659

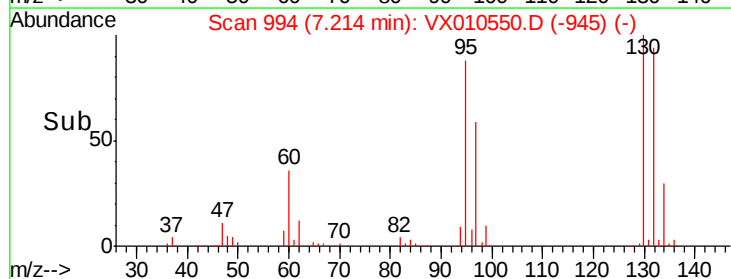
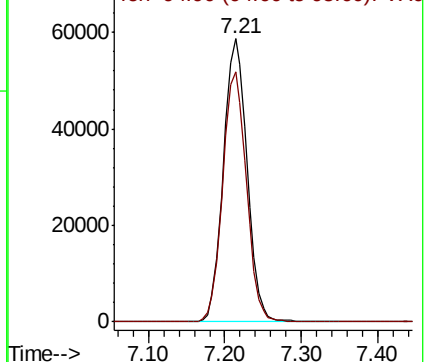
Ion Ratio Lower Upper

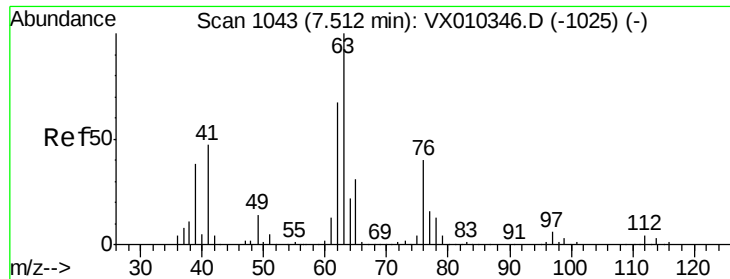
130 100

95 88.5 0.0 180.8



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

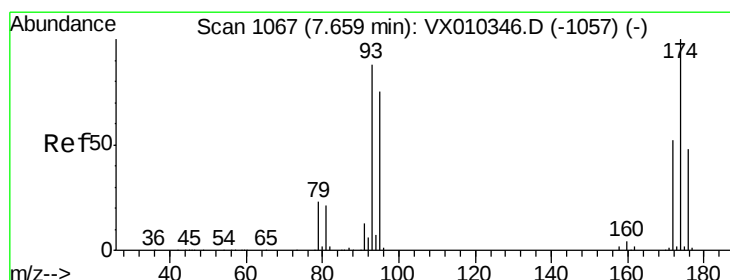
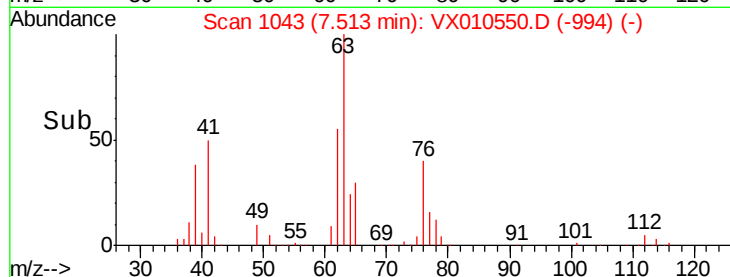
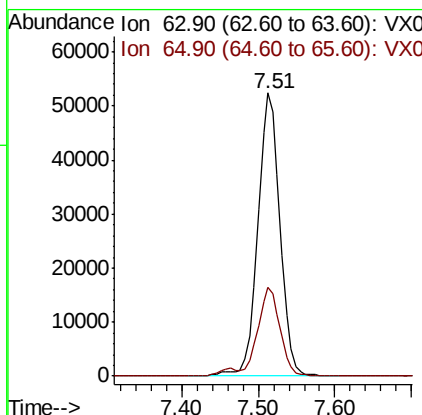
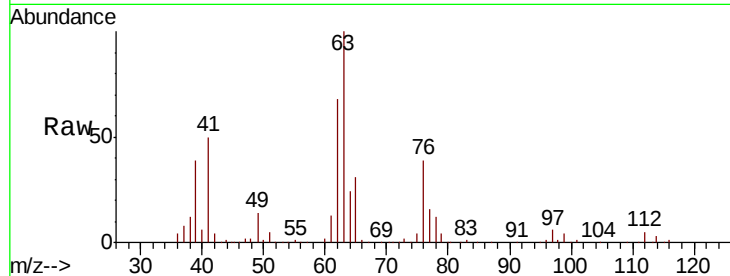




#45
 1,2-Dichloropropane
 Concen: 48.315 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

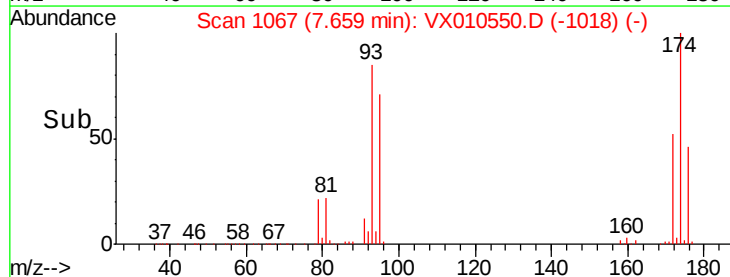
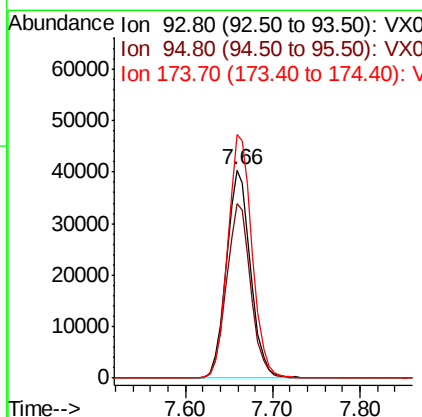
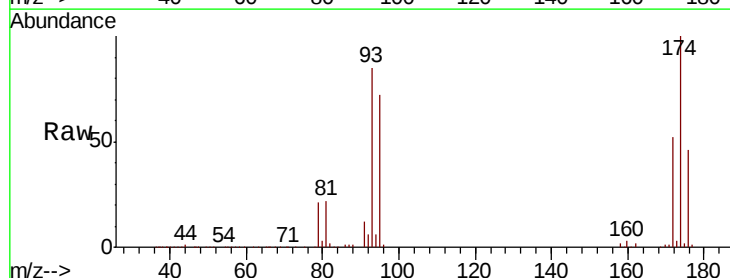
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

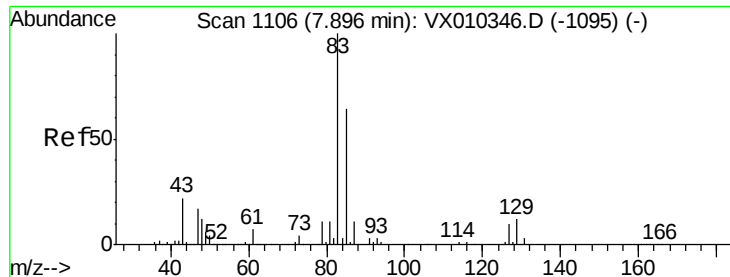
Tot Ion: 63 Resp: 106032
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 49.058 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 93 Resp: 77246
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 118.1 95.8 143.6





#47

Bromodichloromethane

Concen: 48.308 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

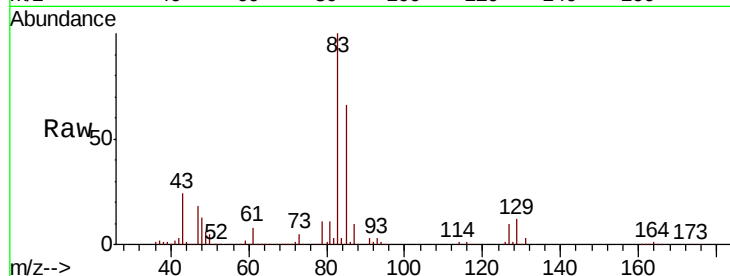
Tot Ion: 83 Resp: 139398

Ion Ratio Lower Upper

83 100

85 65.5 51.5 77.3

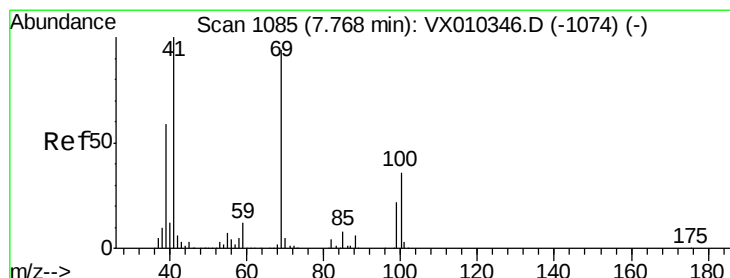
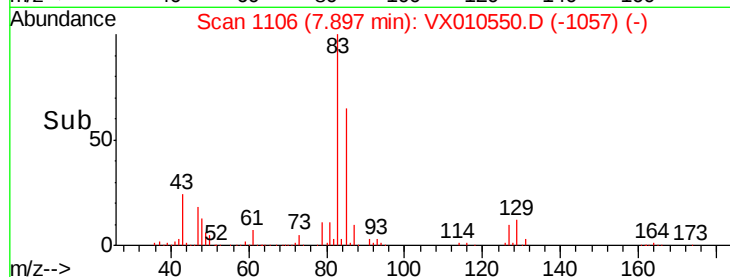
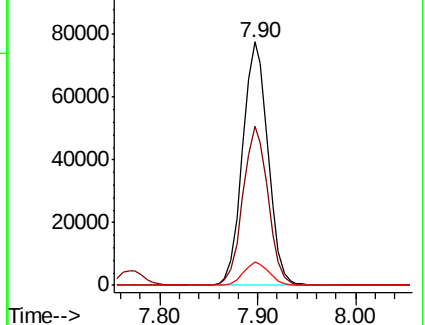
127 9.6 7.8 11.8



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: 51.758 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

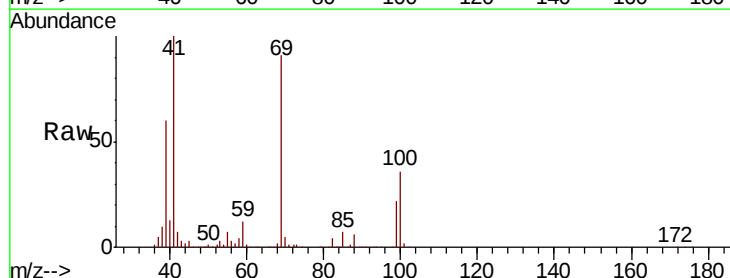
Tgt Ion: 41 Resp: 114223

Ion Ratio Lower Upper

41 100

69 93.1 76.1 114.1

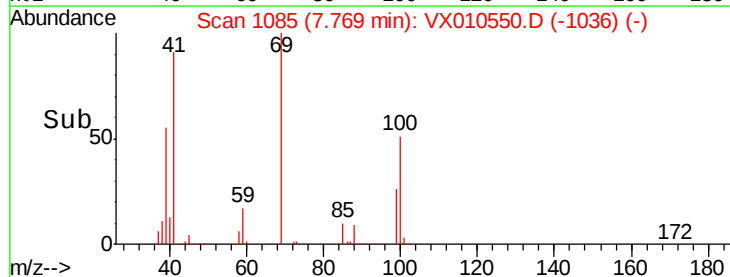
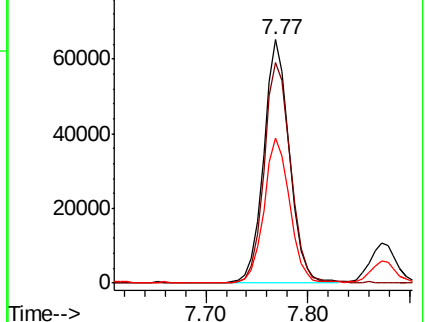
39 59.3 47.6 71.4

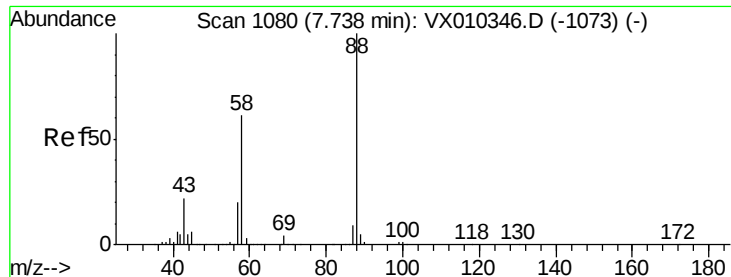


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1017.610 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

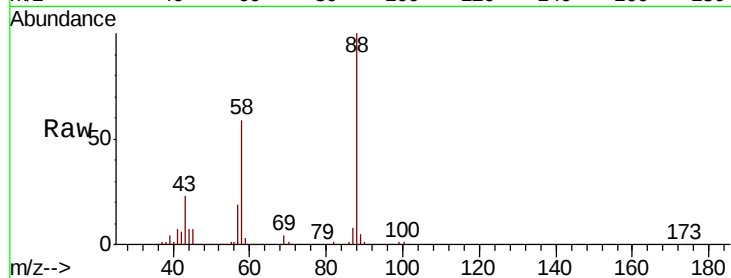
Tot Ion: 88 Resp: 64694

Ion Ratio Lower Upper

88 100

43 26.0 20.2 30.2

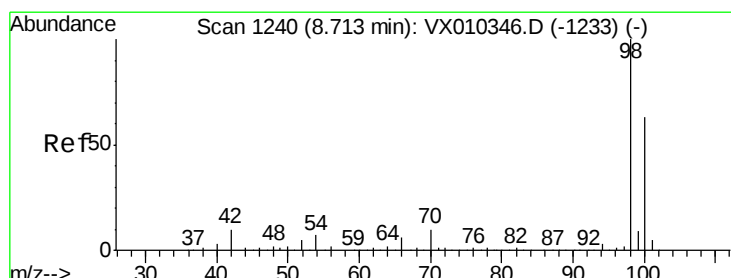
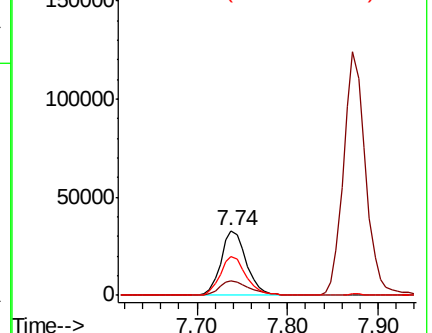
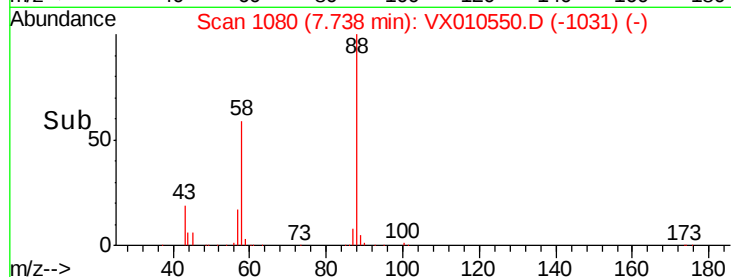
58 62.0 49.5 74.3



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: 49.503 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010550.D

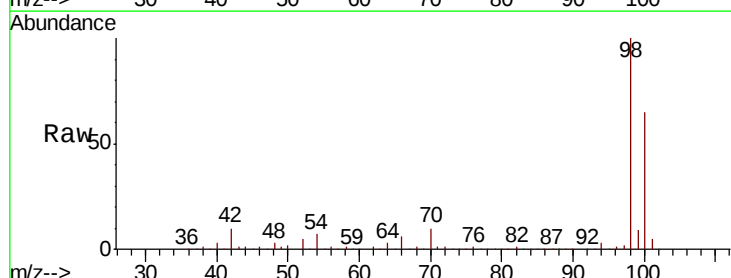
Acq: 28 Jun 2019 21:14

Tgt Ion: 98 Resp: 406754

Ion Ratio Lower Upper

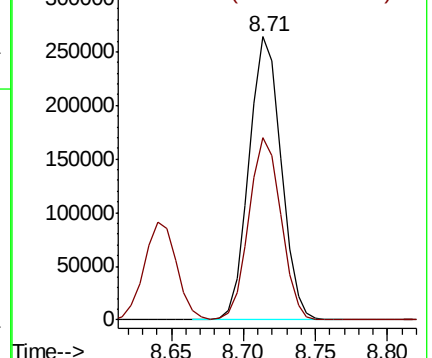
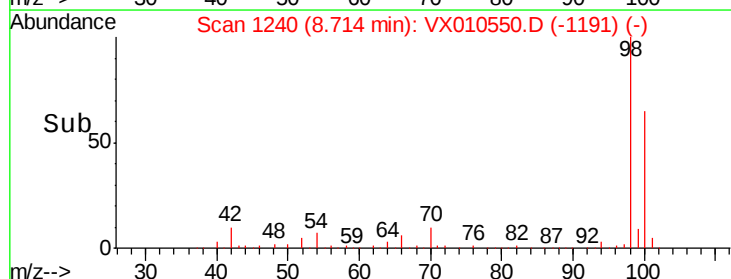
98 100

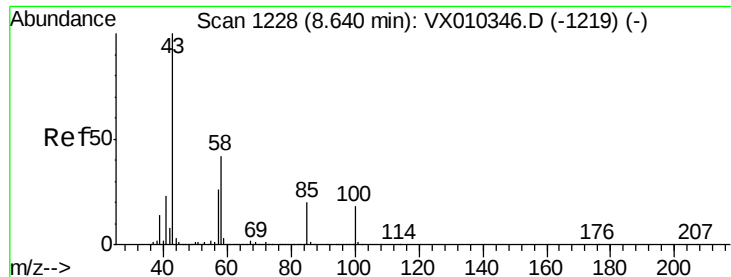
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

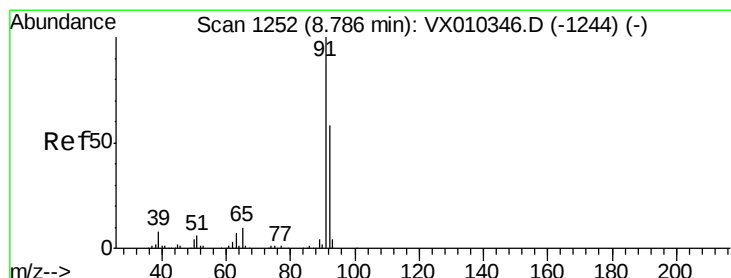
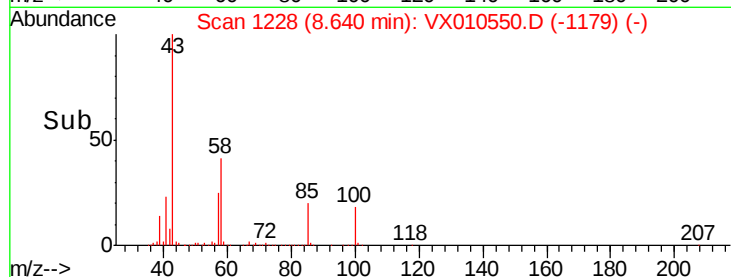
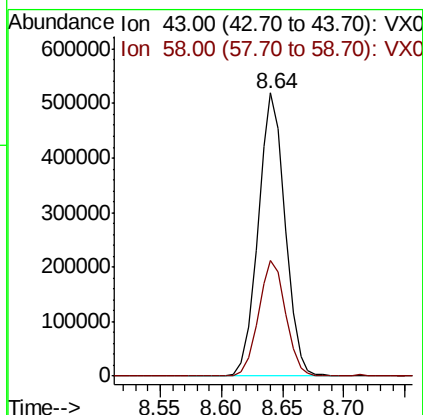
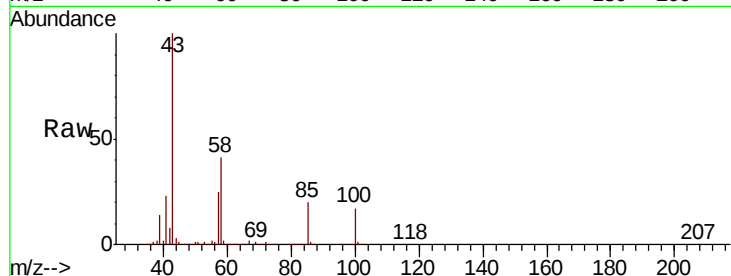




#51
4-Methyl-2-Pentanone
Concen: 262.992 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

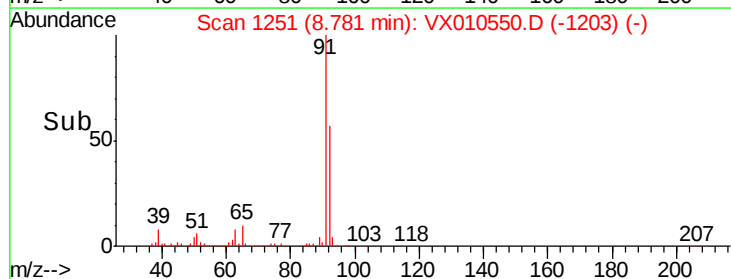
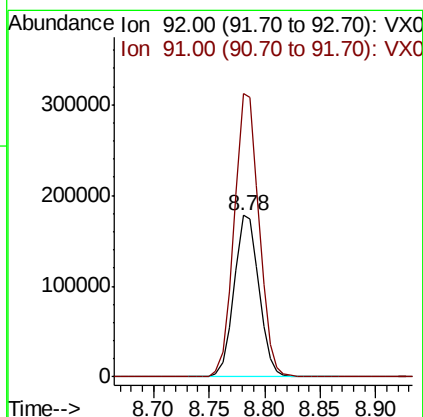
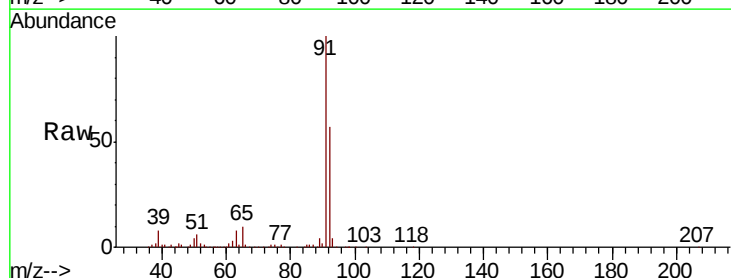
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

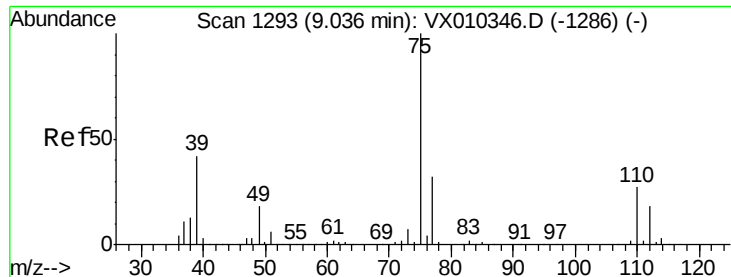
Tot Ion: 43 Resp: 798589
Ion Ratio Lower Upper
43 100
58 41.0 33.5 50.3



#52
Toluene
Concen: 48.048 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 92 Resp: 274982
Ion Ratio Lower Upper
92 100
91 175.4 139.8 209.6

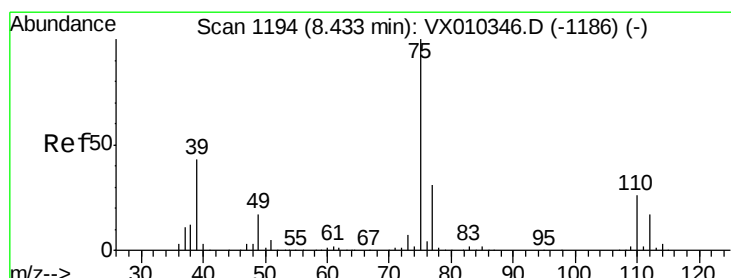
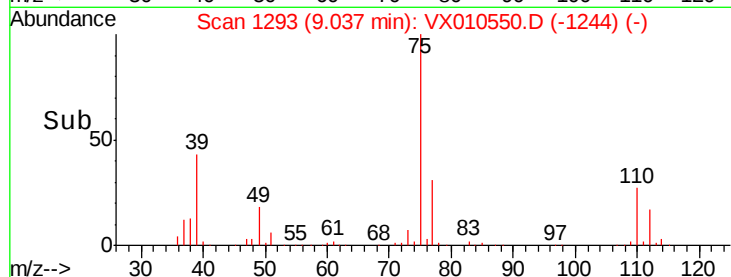
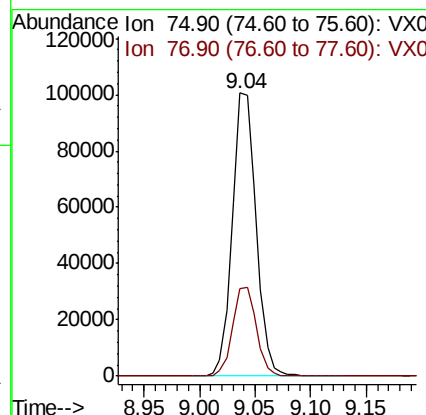
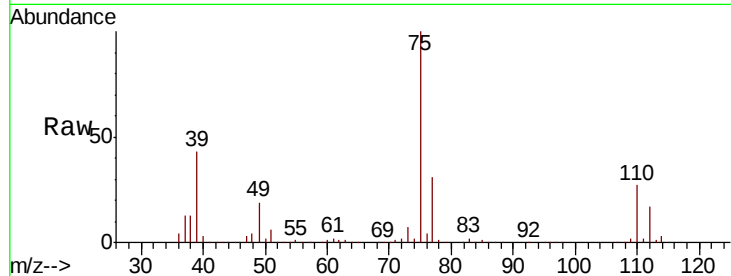




#53
 t-1,3-Dichloropropene
 Concen: 46.126 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

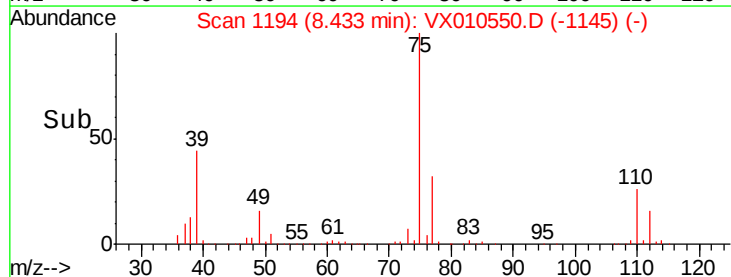
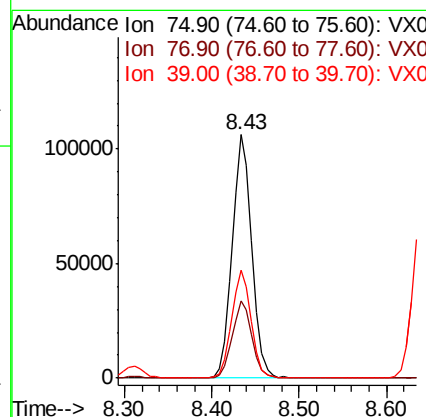
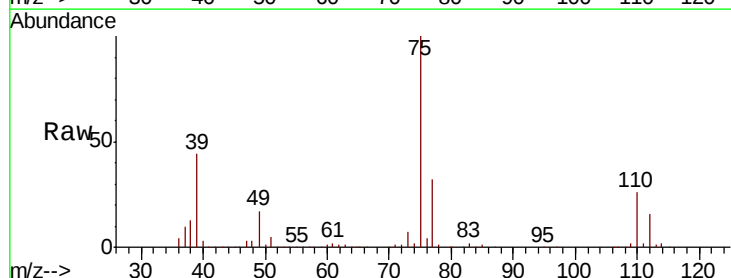
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

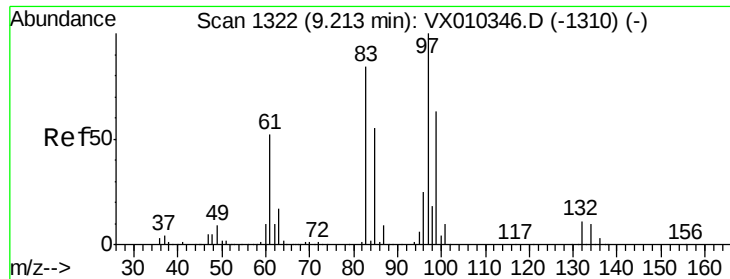
Tot Ion: 75 Resp: 149225
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.932 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 75 Resp: 164998
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 44.0 34.5 51.7

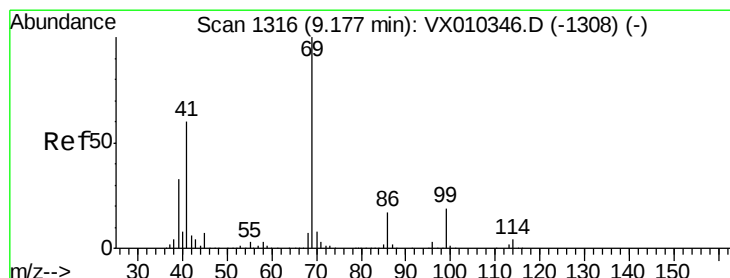
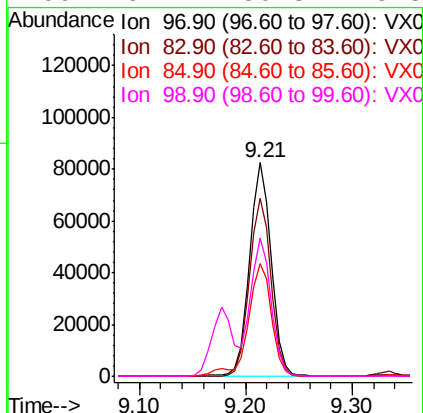
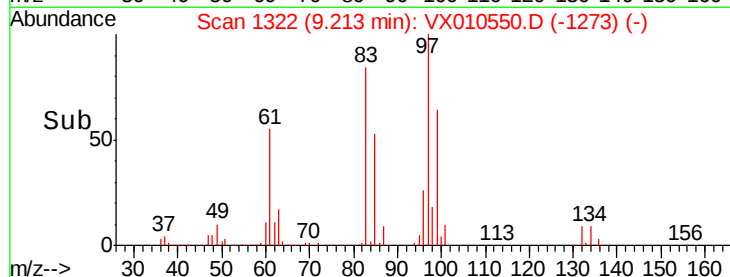
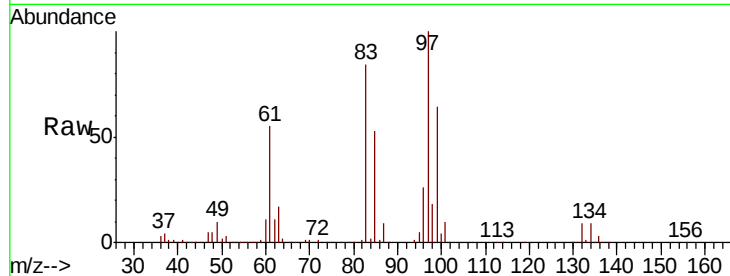




#55
 1,1,2-Trichloroethane
 Concen: 50.184 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

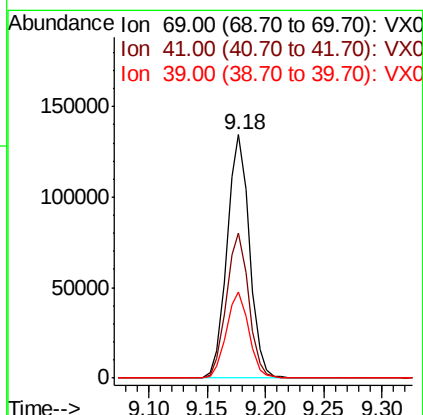
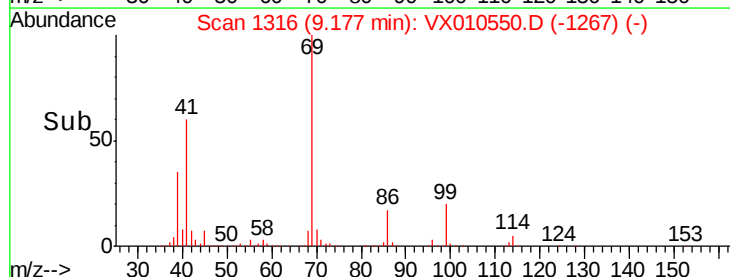
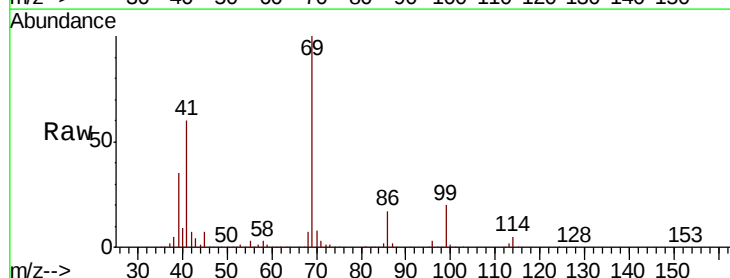
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

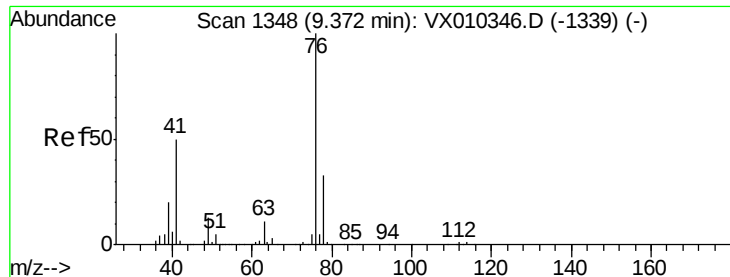
Tot Ion: 97 Resp: 118449
 Ion Ratio Lower Upper
 97 100
 83 83.6 67.4 101.0
 85 52.9 43.8 65.8
 99 64.4 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 50.452 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 69 Resp: 180392
 Ion Ratio Lower Upper
 69 100
 41 59.3 47.1 70.7
 39 35.2 26.6 40.0





#57

1,3-Dichloropropane

Concen: 49.968 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

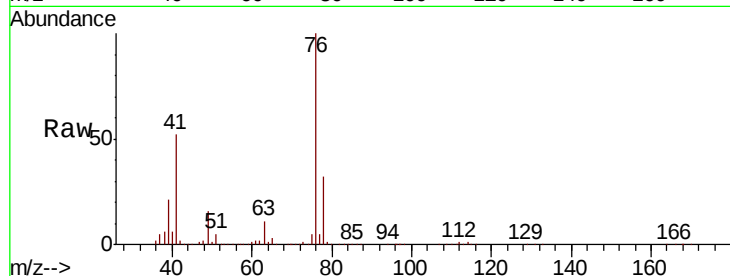
VSTDCCC050EC

Tot Ion: 76 Resp: 183079

Ion Ratio Lower Upper

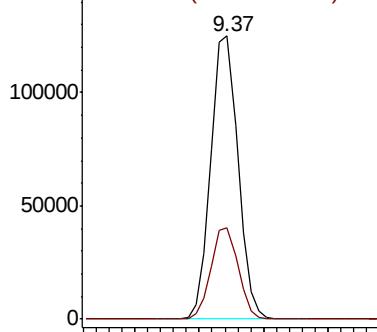
76 100

78 32.5 26.1 39.1

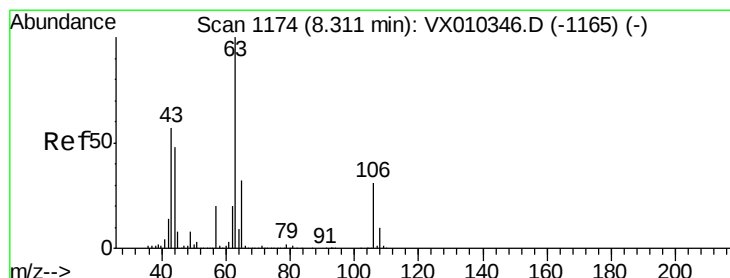
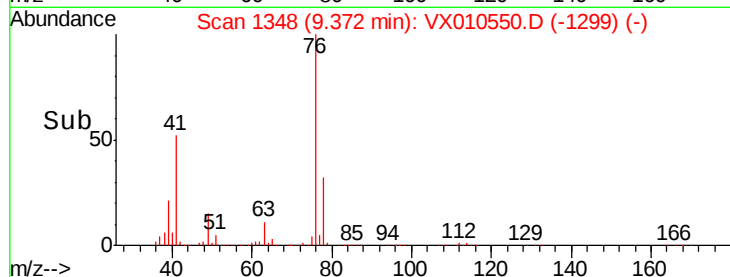


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.593 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010550.D

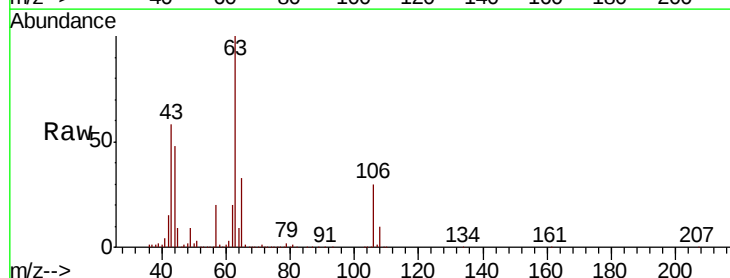
Acq: 28 Jun 2019 21:14

Tgt Ion: 63 Resp: 422142

Ion Ratio Lower Upper

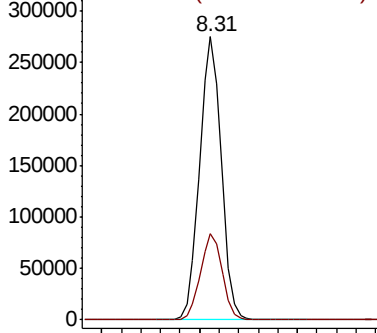
63 100

106 30.8 24.7 37.1

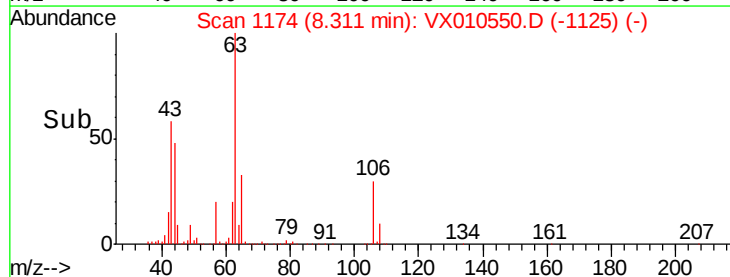


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

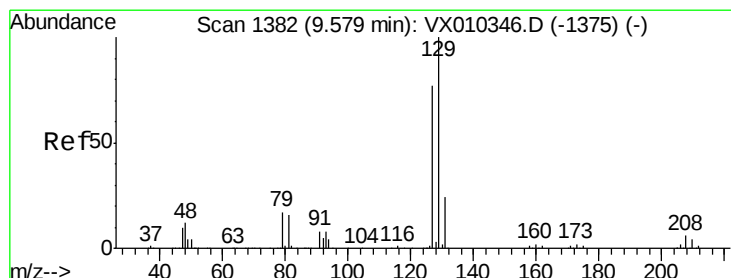
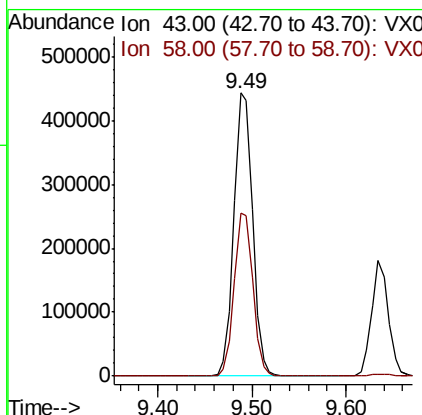
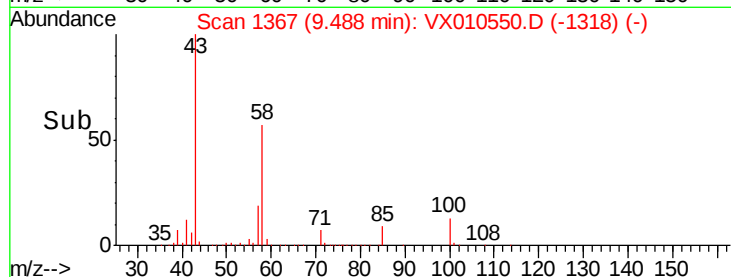
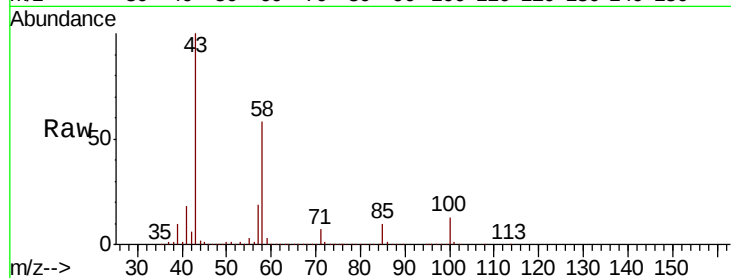




#59
2-Hexanone
Concen: 256.814 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

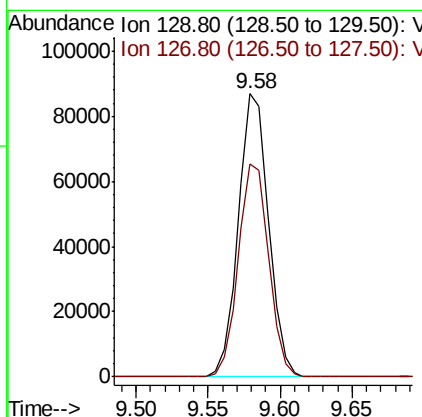
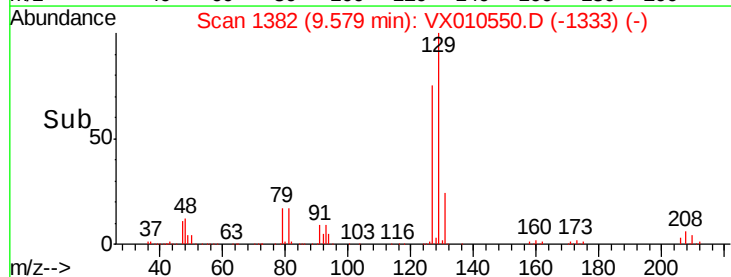
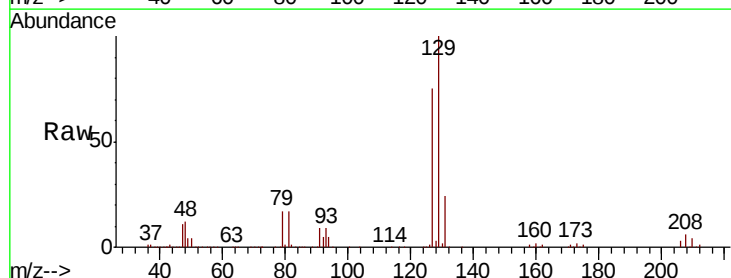
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 613755
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 47.955 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 129 Resp: 126734
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1

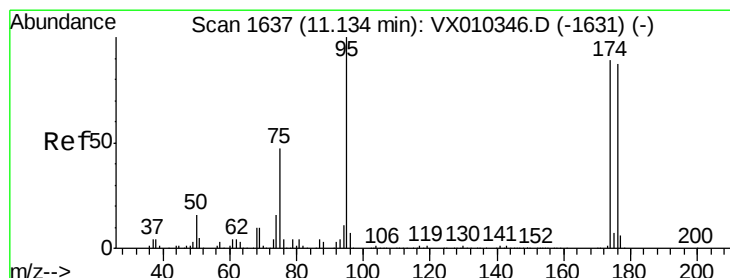
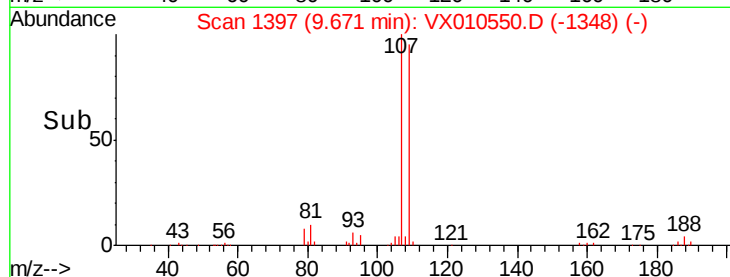
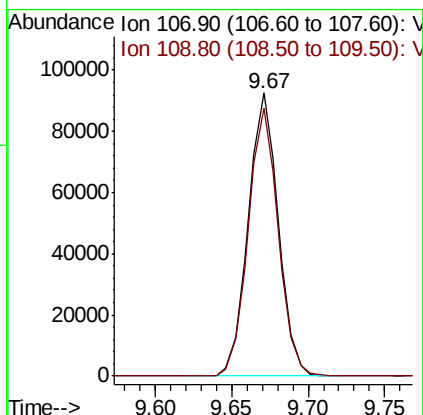
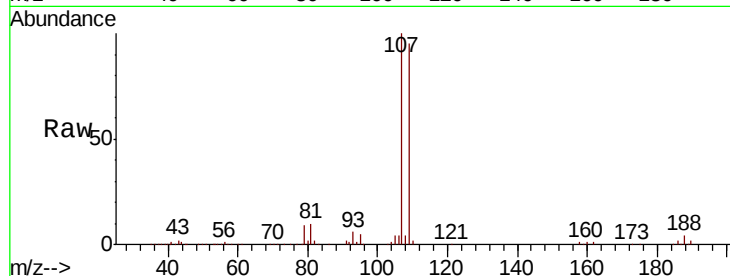




#61
 1,2-Dibromoethane
 Concen: 49.674 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

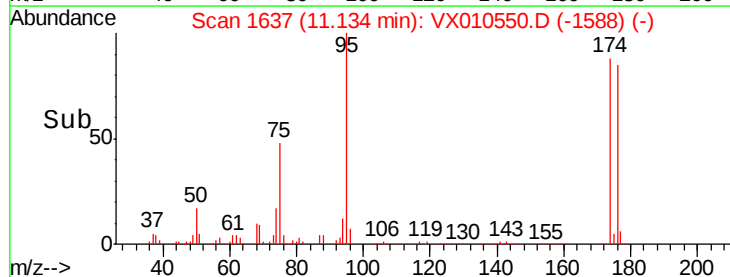
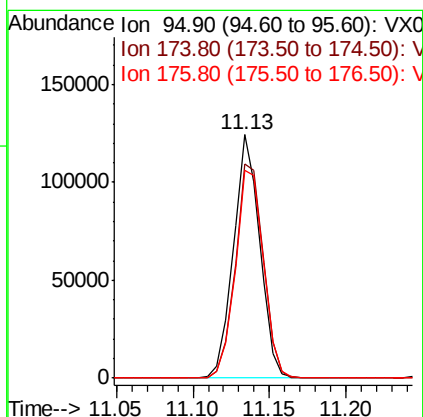
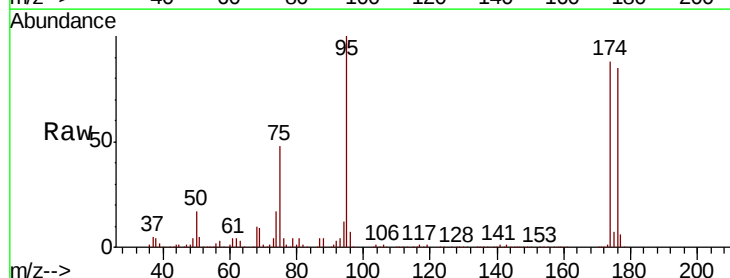
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

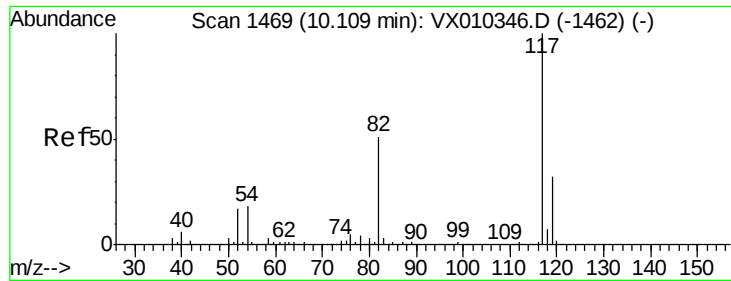
Tot Ion:107 Resp: 126554
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.789 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 95 Resp: 147699
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 187.6
 176 91.4 0.0 184.0

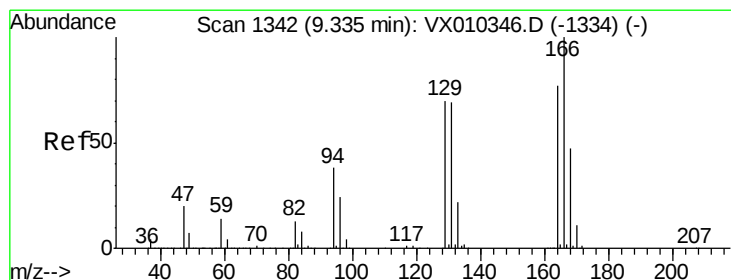
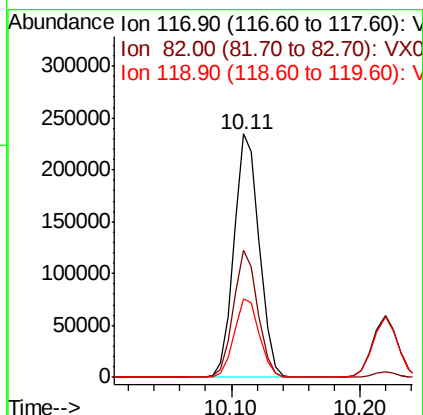
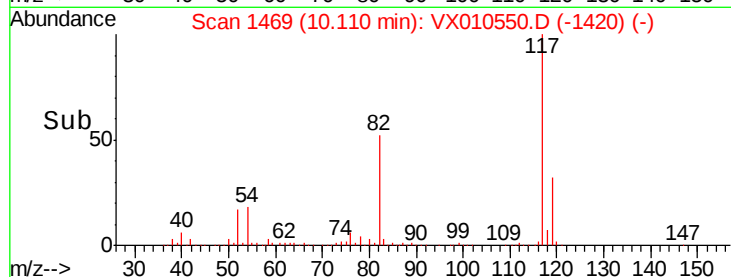
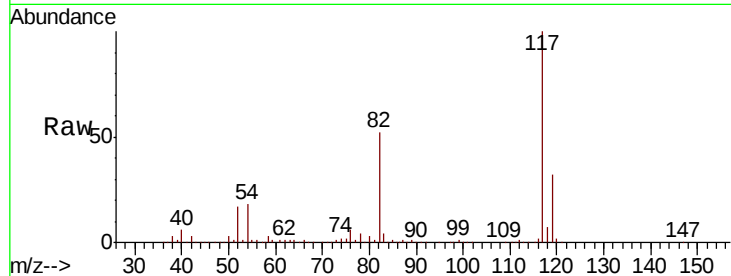




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

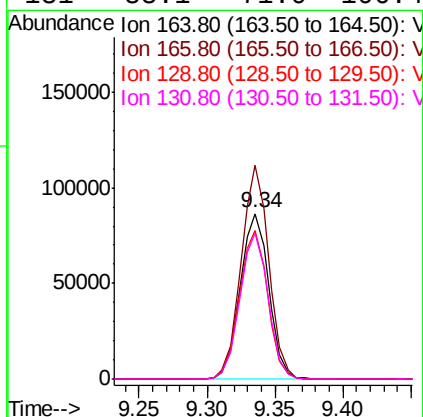
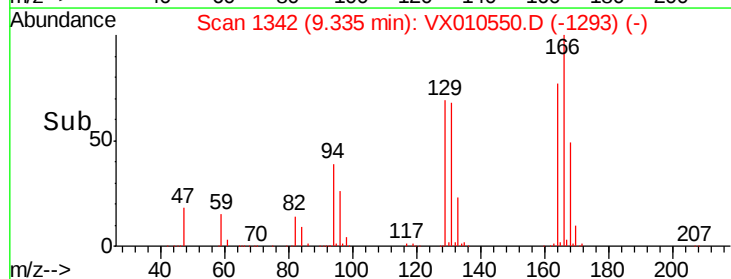
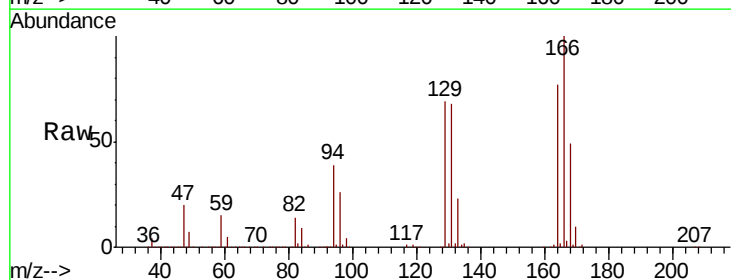
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

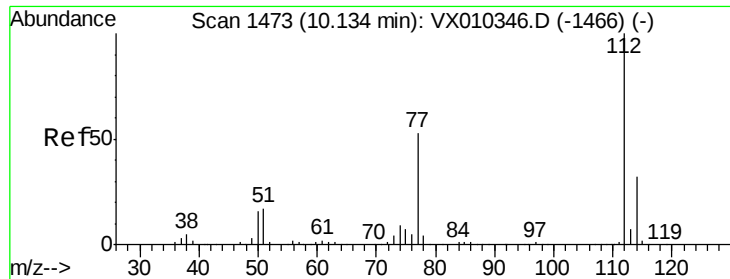
Tot Ion:117 Resp: 319665
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 48.867 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion:164 Resp: 126347
Ion Ratio Lower Upper
164 100
166 129.1 103.6 155.4
129 89.7 73.0 109.4
131 88.1 71.0 106.4

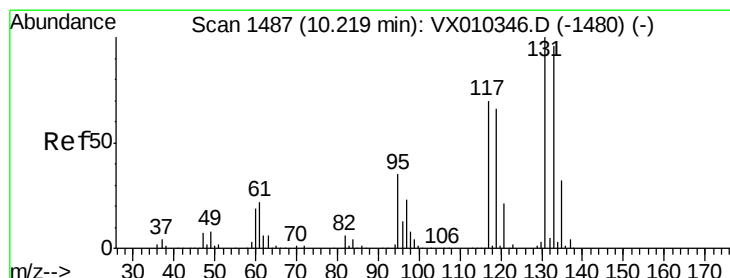
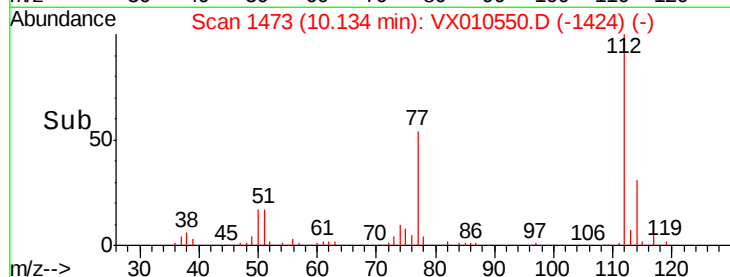
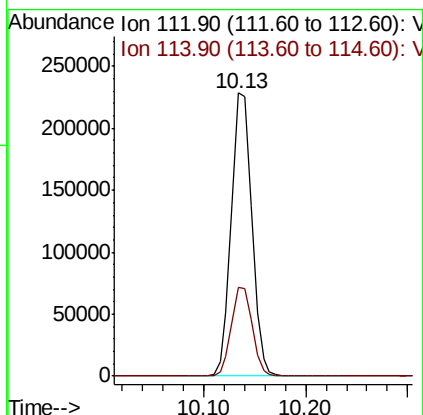
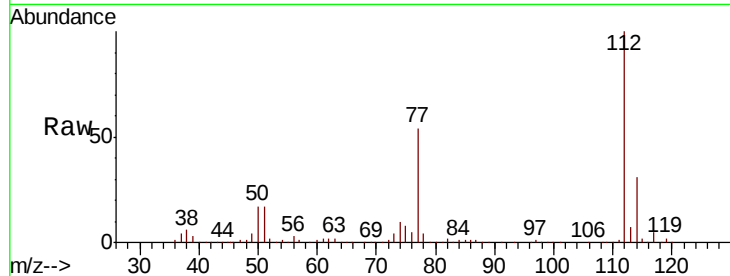




#65
Chlorobenzene
Concen: 48.783 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

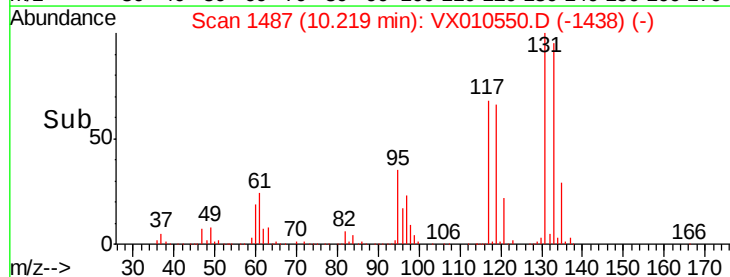
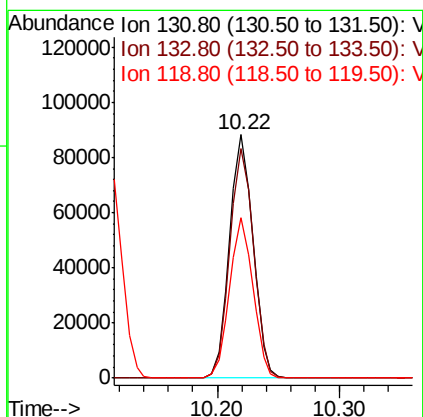
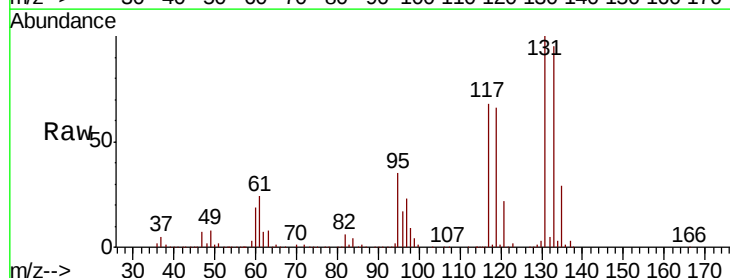
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

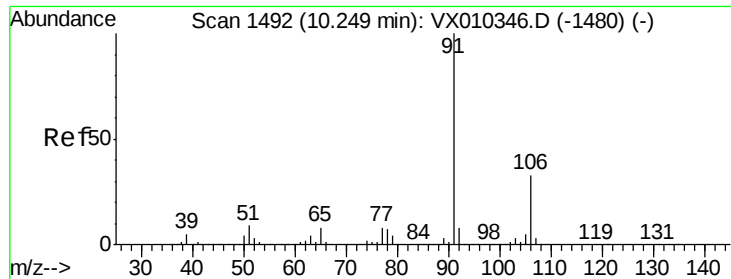
Tot Ion:112 Resp: 316594
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.619 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion:131 Resp: 117295
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.5 32.6 97.7

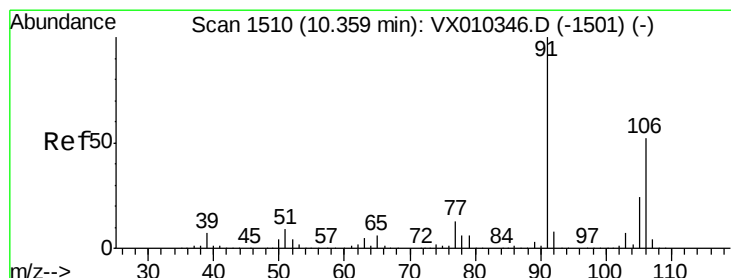
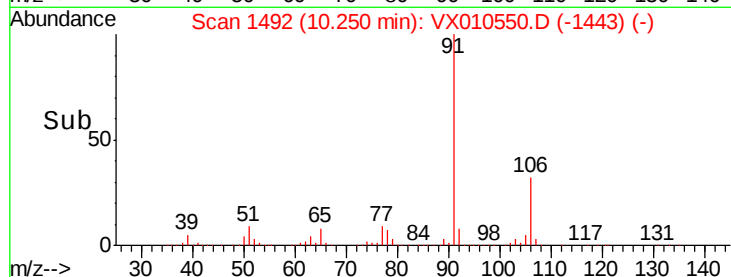
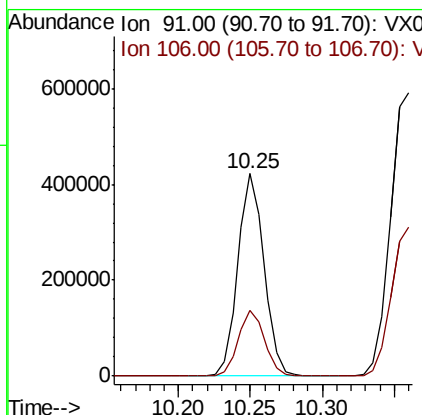
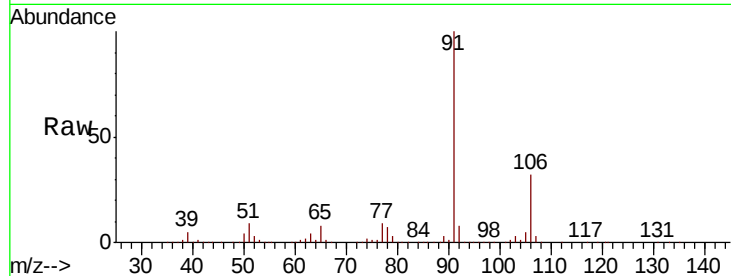




#67
Ethyl Benzene
Concen: 48.923 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

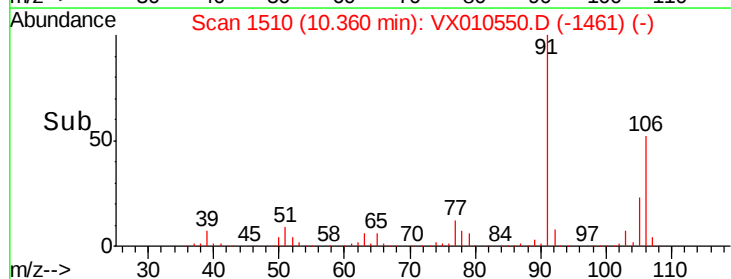
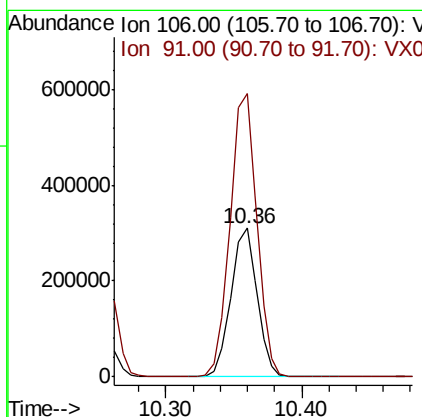
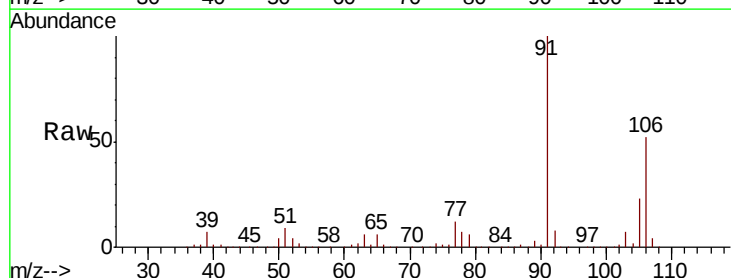
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

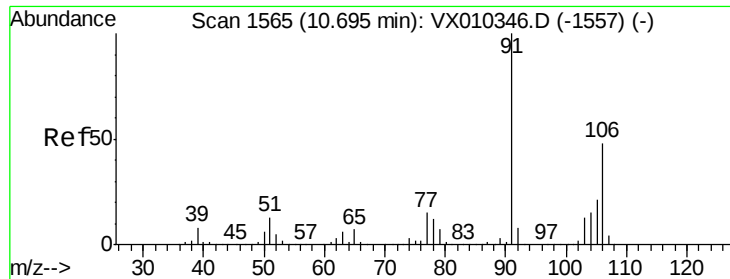
Tot Ion: 91 Resp: 536015
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



#68
m/p-Xylenes
Concen: 97.584 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 106 Resp: 414269
Ion Ratio Lower Upper
106 100
91 195.6 155.3 232.9

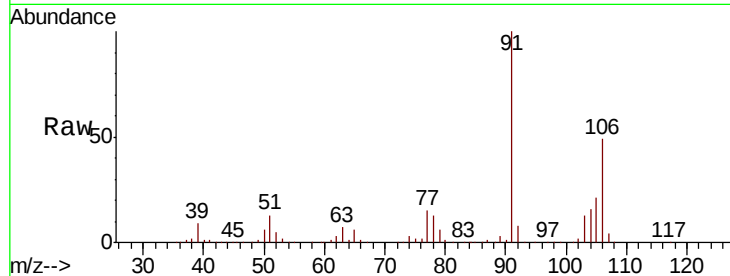




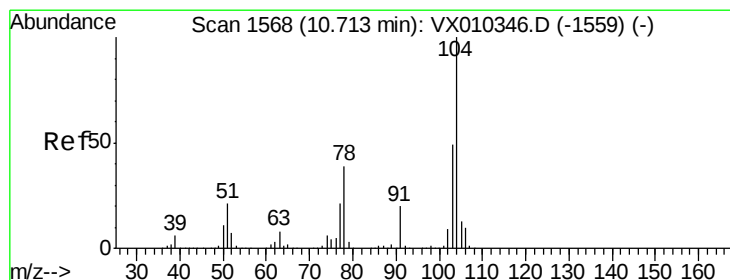
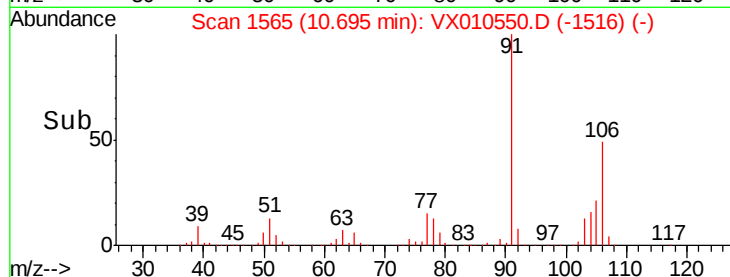
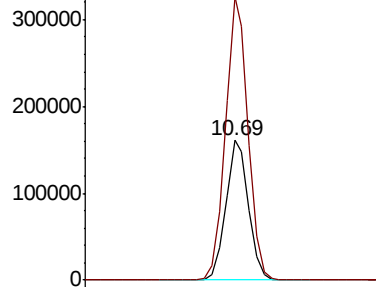
#69
o-Xylene
Concen: 49.646 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 207265
Ion Ratio Lower Upper
106 100
91 201.5 102.7 308.1

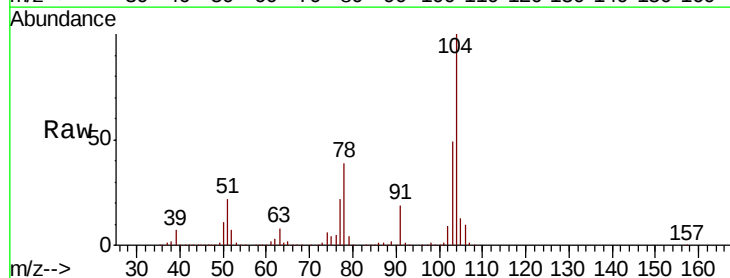


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

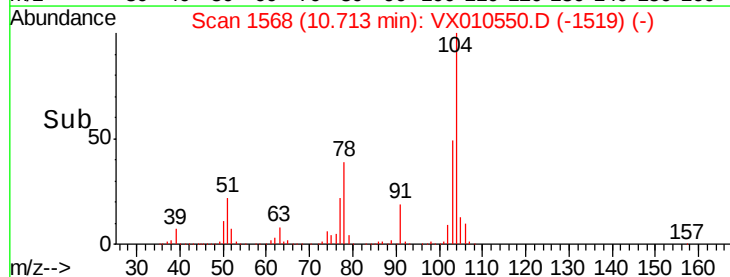
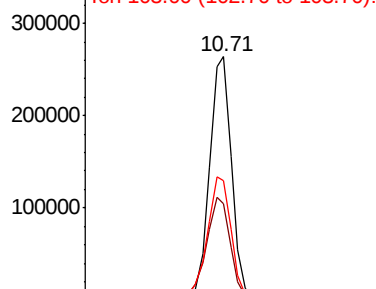


#70
Styrene
Concen: 50.057 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion:104 Resp: 350463
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 55.2 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: 47.487 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

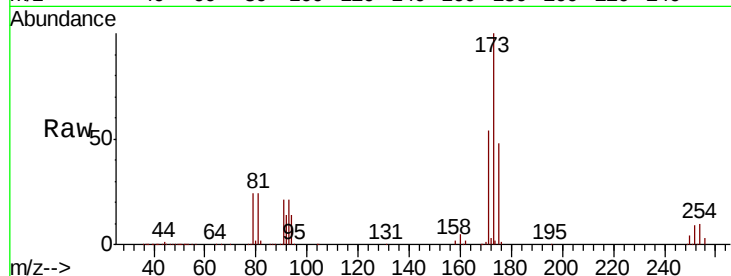
Tot Ion:173 Resp: 97620

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.3

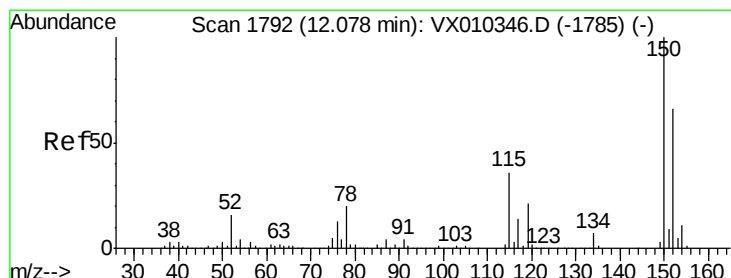
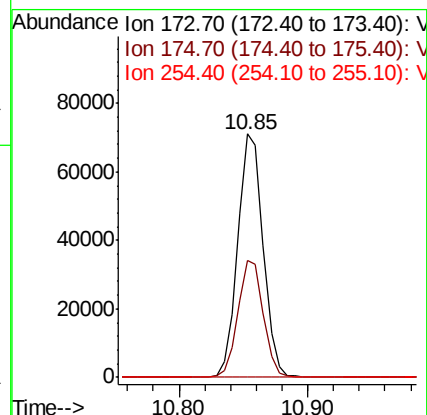
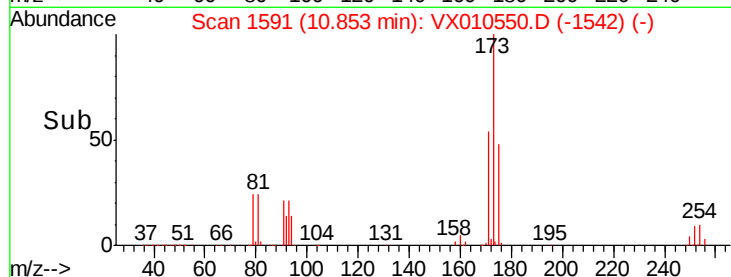
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

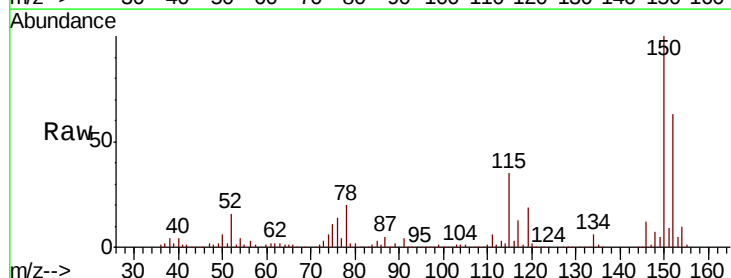
Tgt Ion:152 Resp: 165573

Ion Ratio Lower Upper

152 100

115 76.8 38.6 115.7

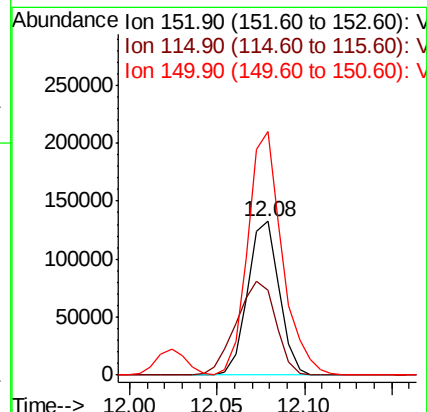
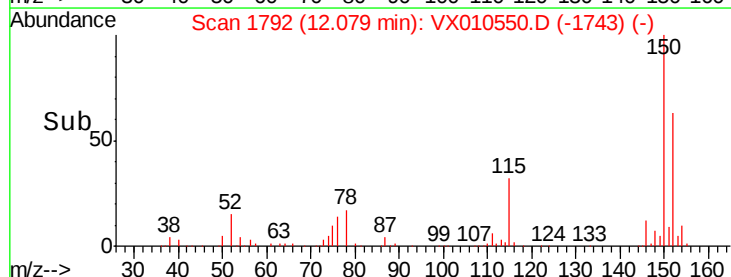
150 172.5 0.0 347.4

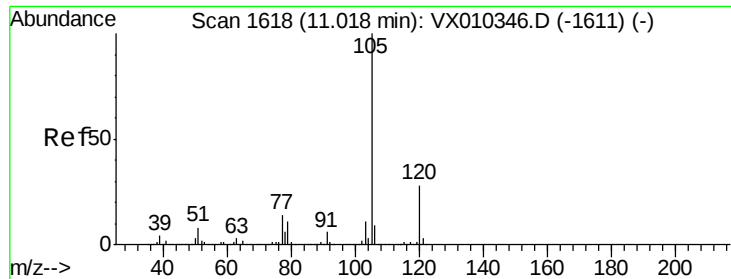


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.519 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

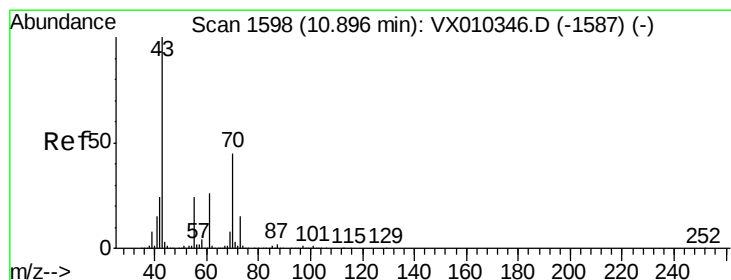
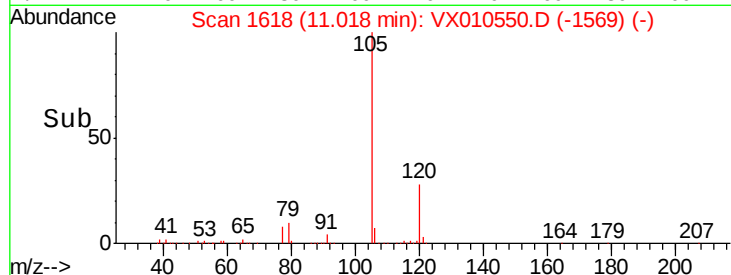
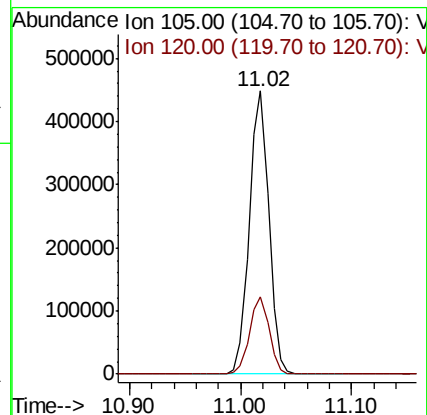
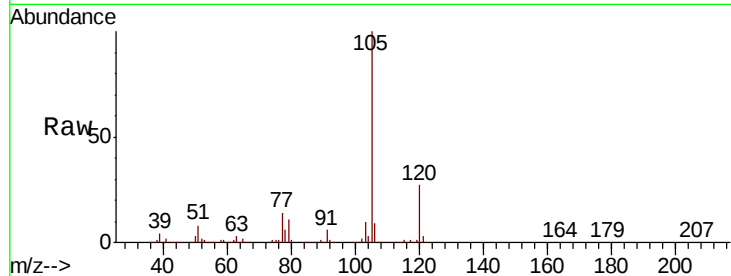
VSTDCCC050EC

Tot Ion:105 Resp: 544571

Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4



#74

N-ethyl acetate

Concen: 51.271 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Tgt Ion: 43 Resp: 217478

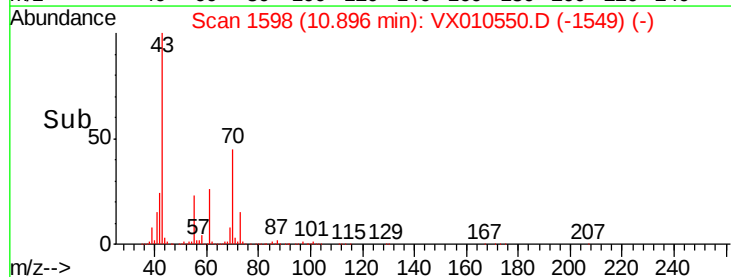
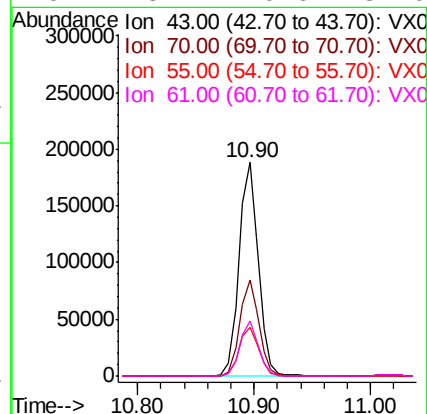
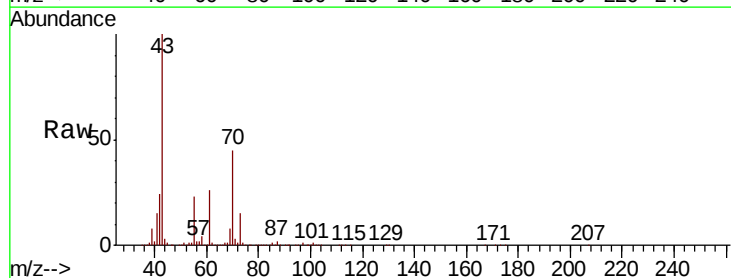
Ion Ratio Lower Upper

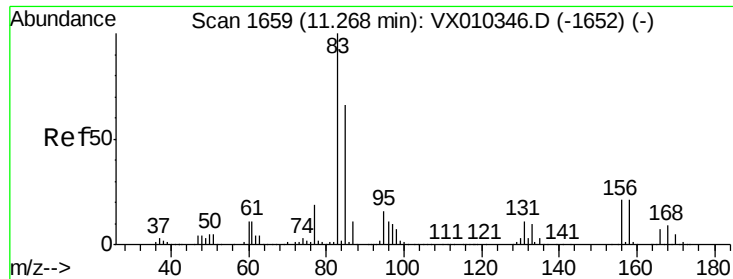
43 100

70 44.9 36.6 54.8

55 23.6 18.7 28.1

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.184 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

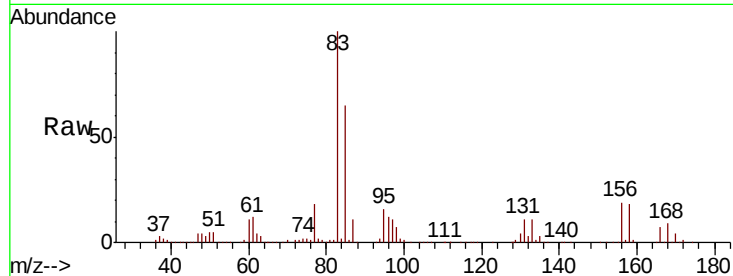
Tot Ion: 83 Resp: 182818

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

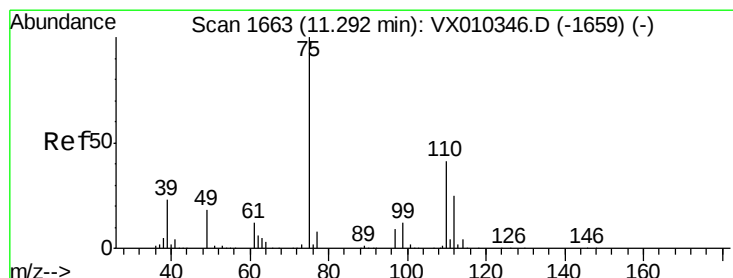
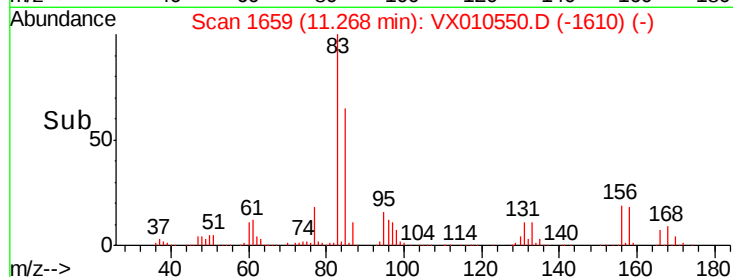
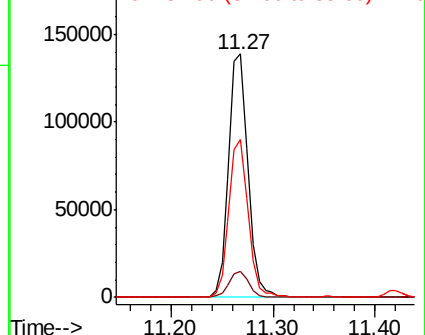
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.455 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010550.D

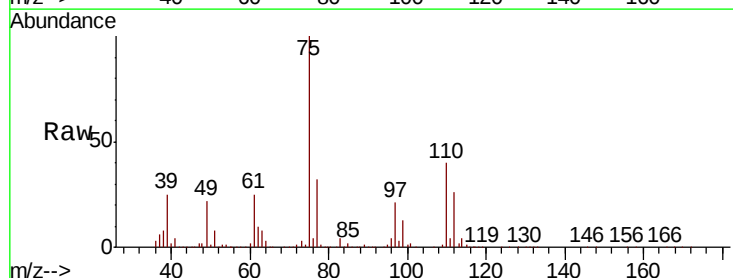
Acq: 28 Jun 2019 21:14

Tgt Ion: 75 Resp: 200507

Ion Ratio Lower Upper

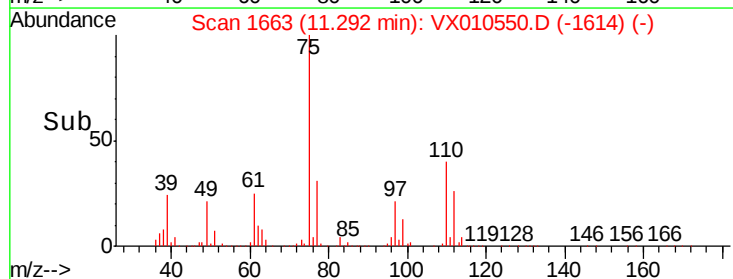
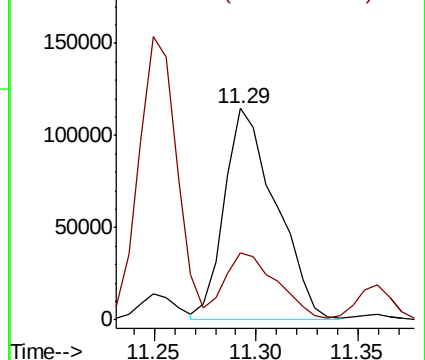
75 100

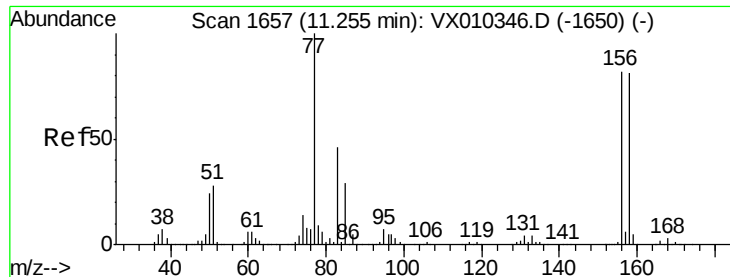
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.780 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

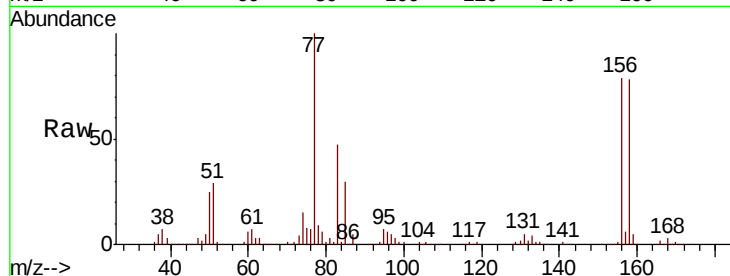
Tot Ion:156 Resp: 149744

Ion Ratio Lower Upper

156 100

77 132.7 66.3 198.7

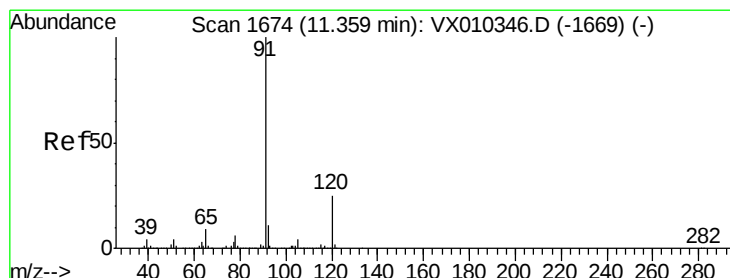
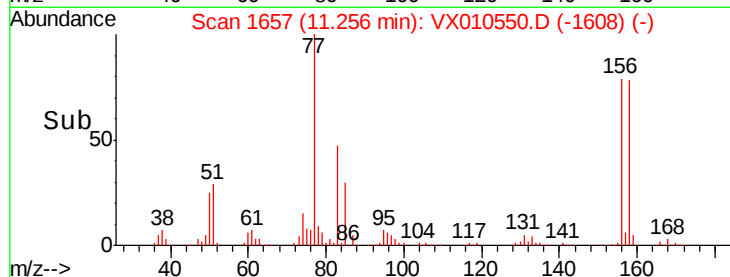
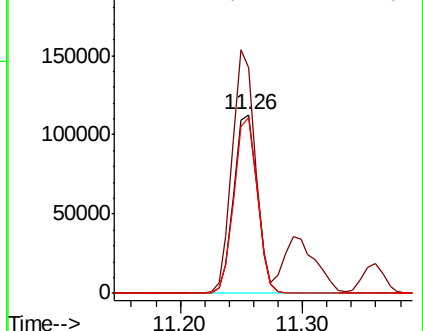
158 97.5 48.9 146.7



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: 49.120 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010550.D

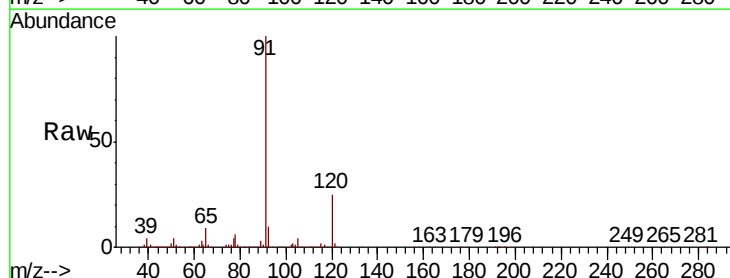
Acq: 28 Jun 2019 21:14

Tgt Ion: 91 Resp: 605921

Ion Ratio Lower Upper

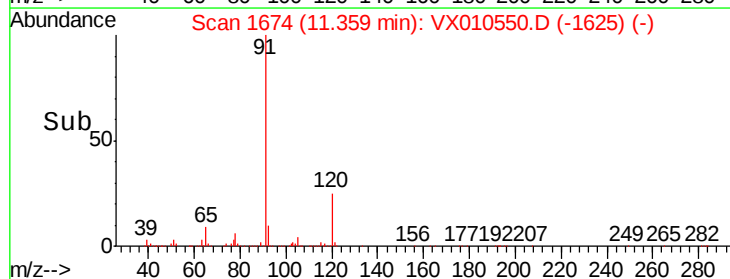
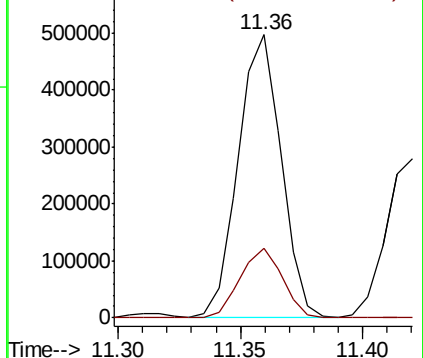
91 100

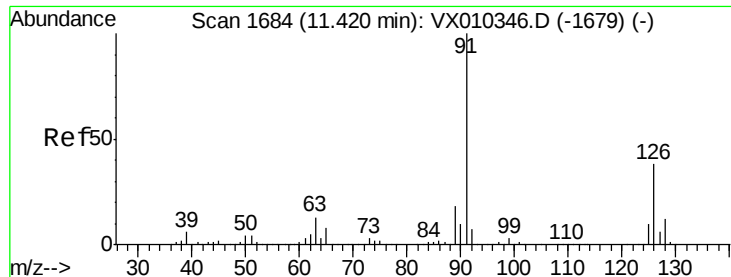
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

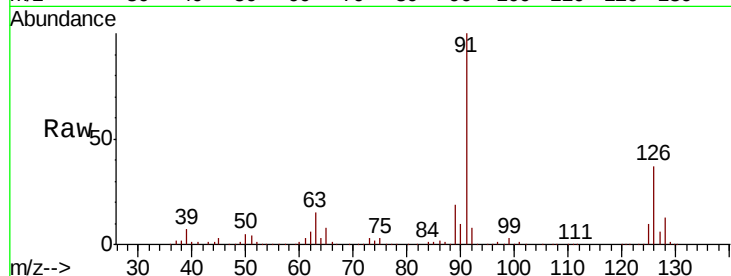




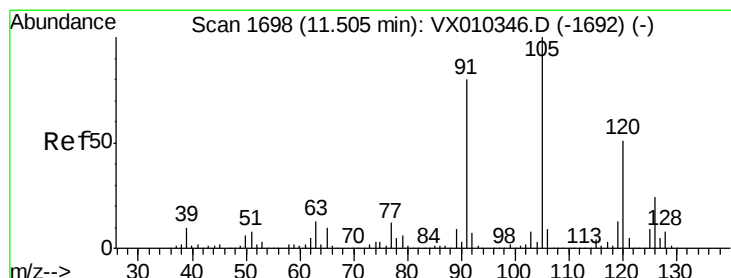
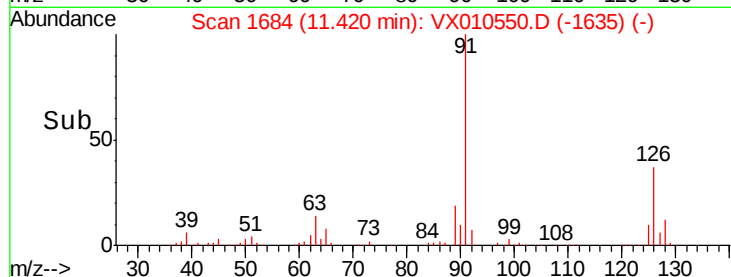
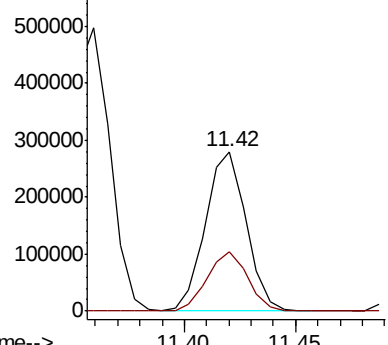
#79
2-Chlorotoluene
Concen: 48.284 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 354664
Ion Ratio Lower Upper
91 100
126 37.2 18.7 56.1

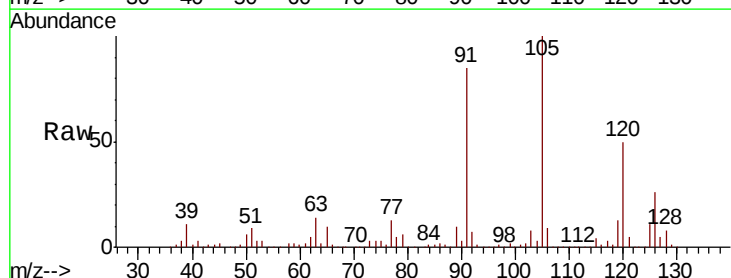


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)
Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

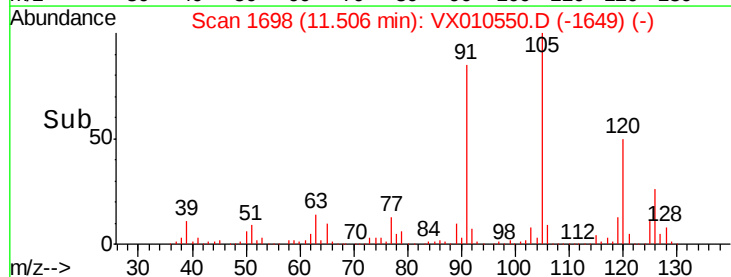
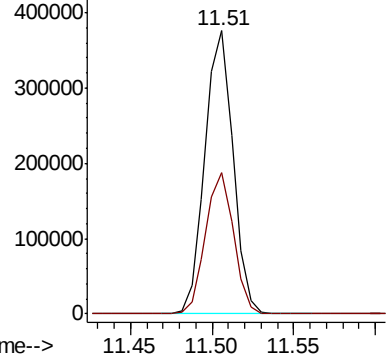


#80
1,3,5-Trimethylbenzene
Concen: 48.771 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 105 Resp: 451263
Ion Ratio Lower Upper
105 100
120 49.7 25.2 75.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 41.677 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

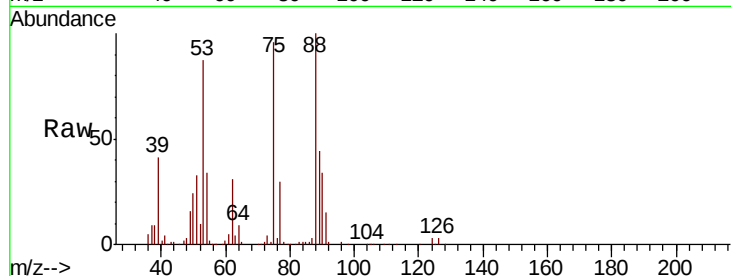
Tot Ion: 75 Resp: 53901

Ion Ratio Lower Upper

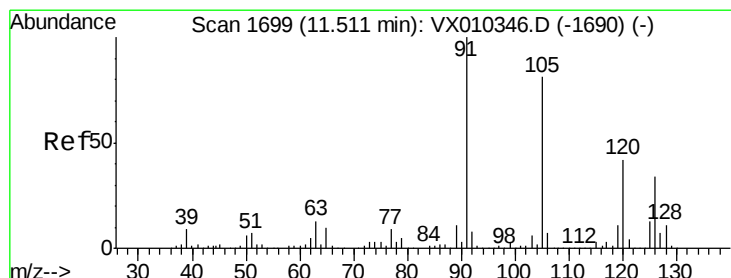
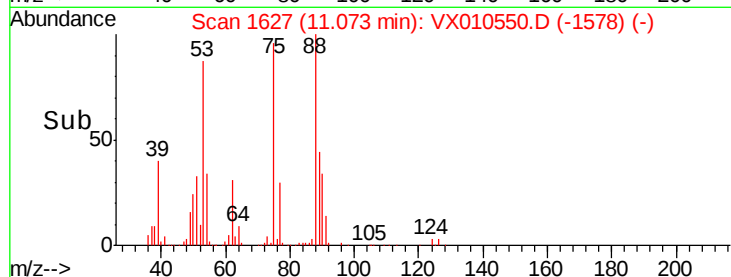
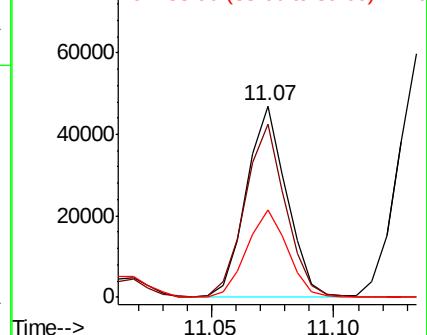
75 100

53 91.7 66.1 99.1

89 46.4 37.8 56.6



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



#82

4-Chlorotoluene

Concen: 49.300 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010550.D

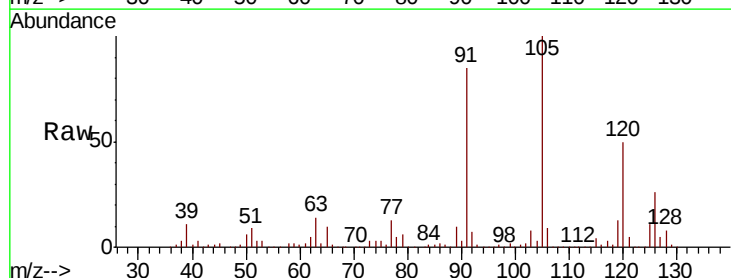
Acq: 28 Jun 2019 21:14

Tgt Ion: 91 Resp: 412071

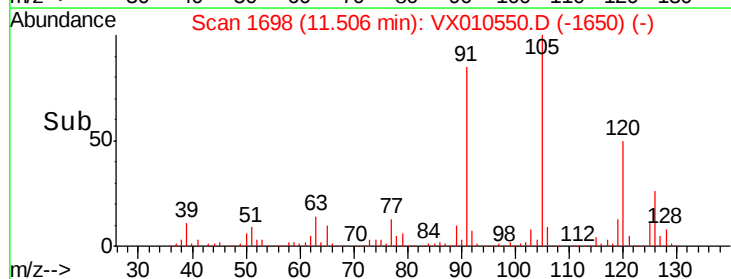
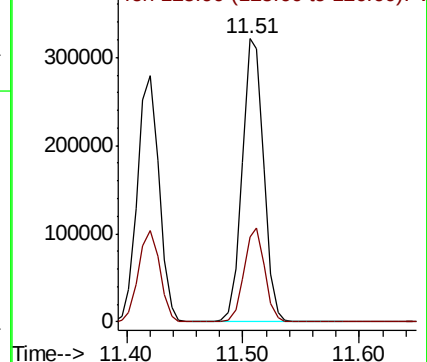
Ion Ratio Lower Upper

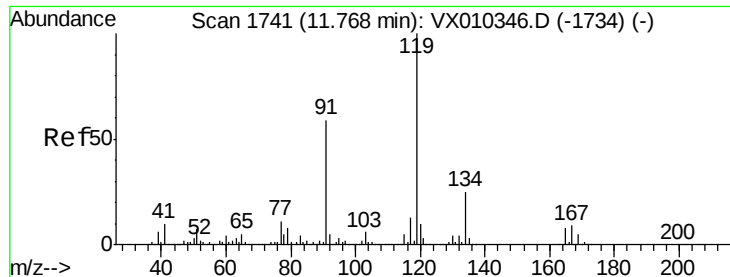
91 100

126 32.1 16.2 48.6



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

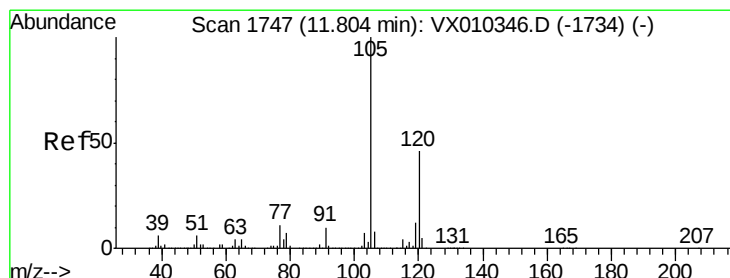
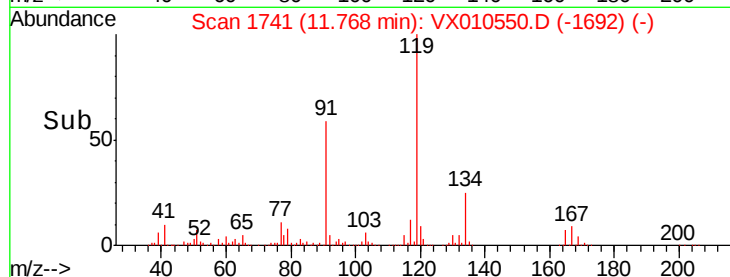
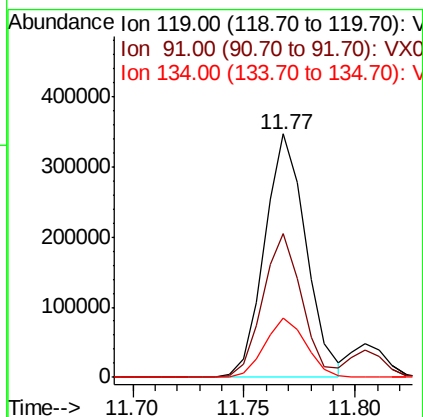
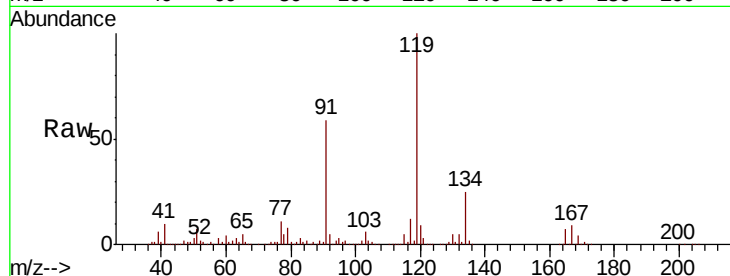




#83
 tert-Butylbenzene
 Concen: 48.222 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

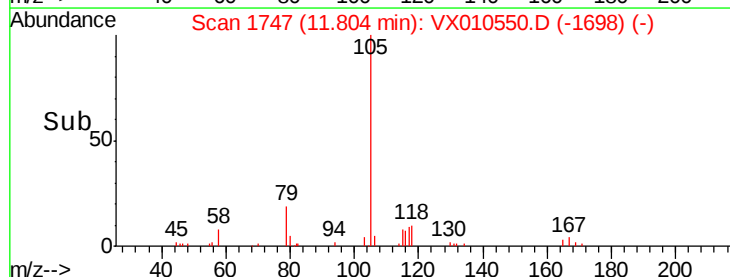
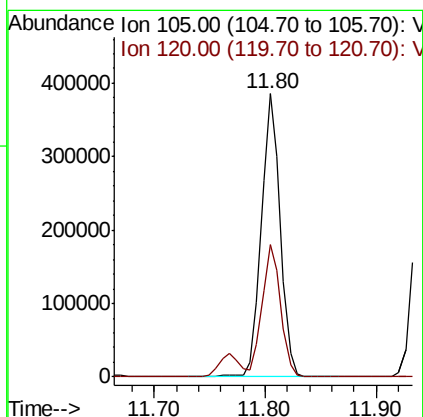
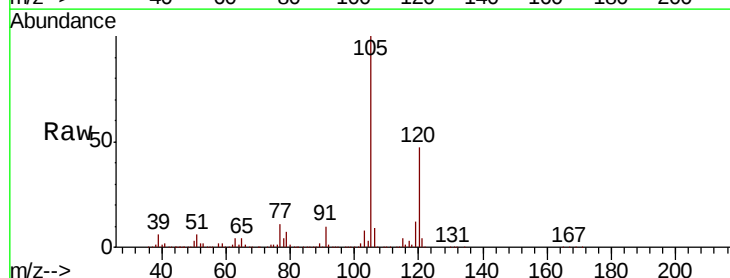
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

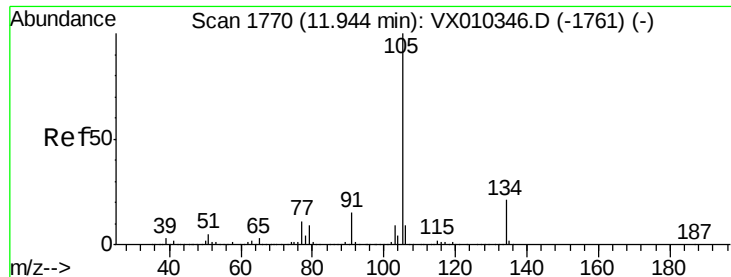
Tot Ion:119 Resp: 447828
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.6 82.7
 134 24.1 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.278 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion:105 Resp: 458090
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

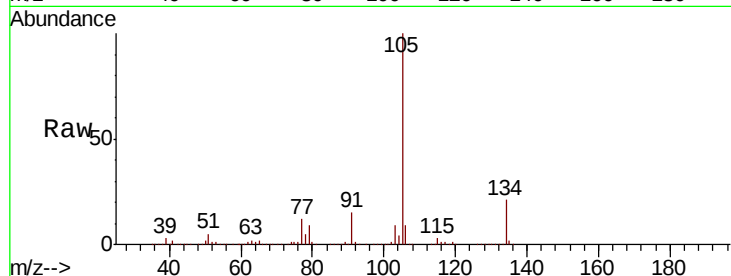
VSTDCCC050EC

Tot Ion:105 Resp: 531562

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

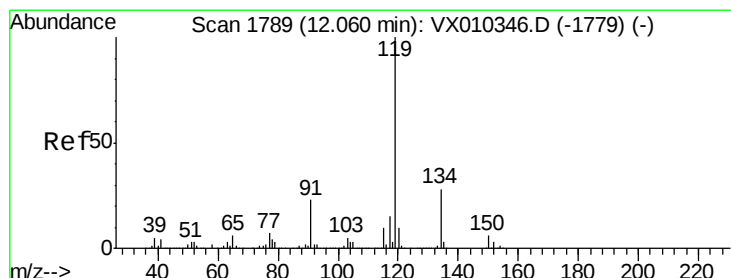
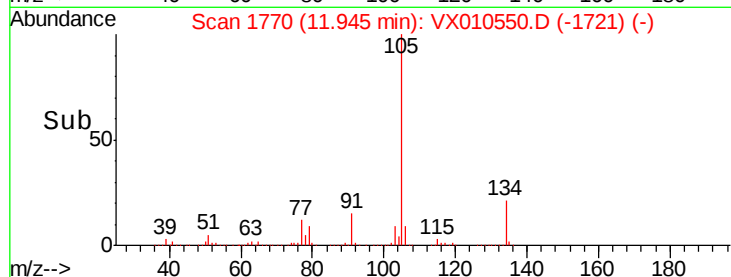
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.289 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

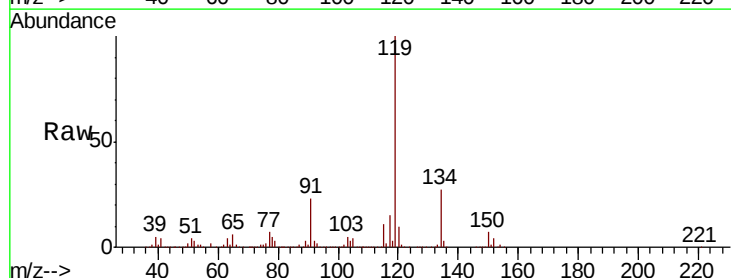
Tgt Ion:119 Resp: 487037

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

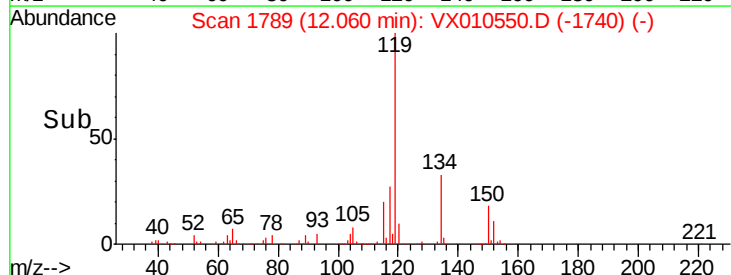
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.827 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

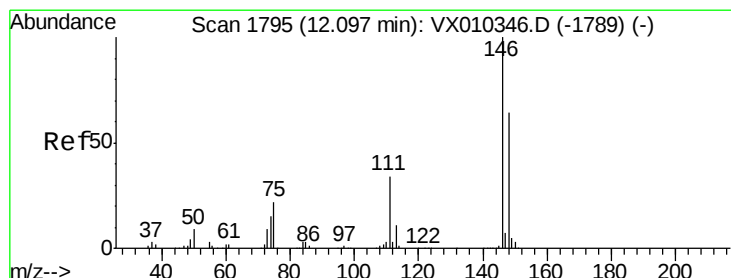
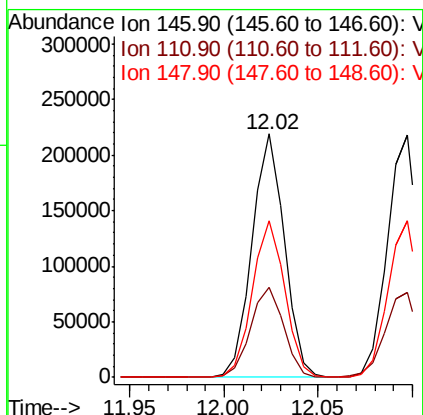
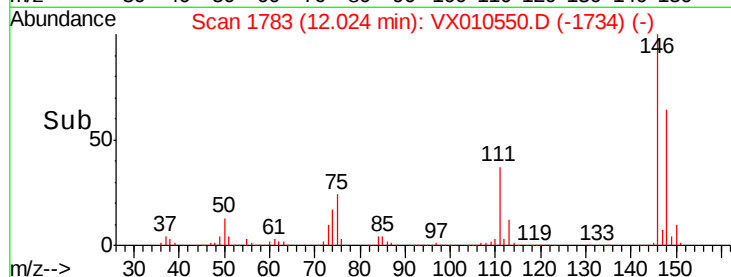
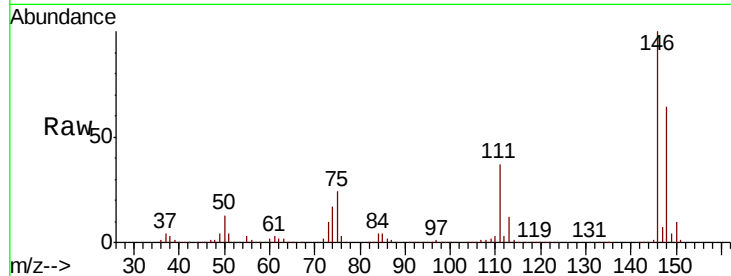
Tot Ion:146 Resp: 261643

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 64.3 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 47.291 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010550.D

Acq: 28 Jun 2019 21:14

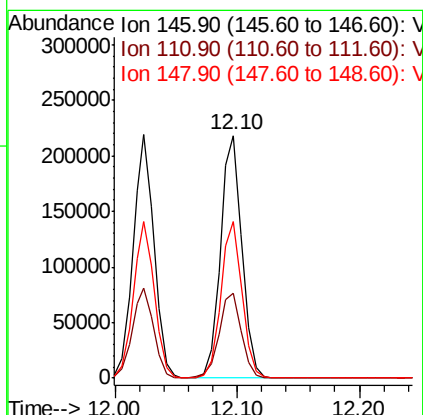
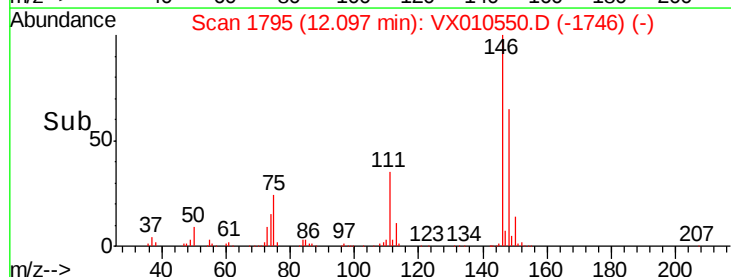
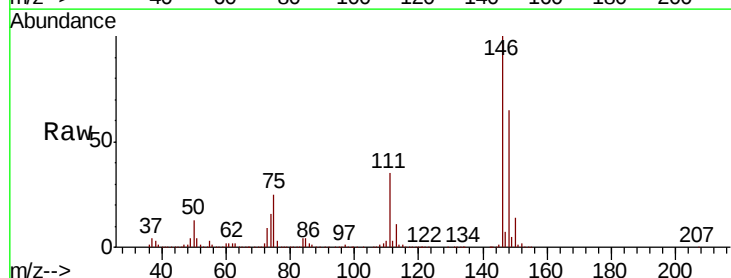
Tgt Ion:146 Resp: 263383

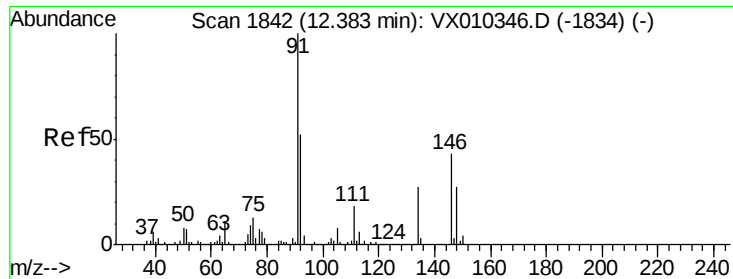
Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.3

148 64.0 32.1 96.3

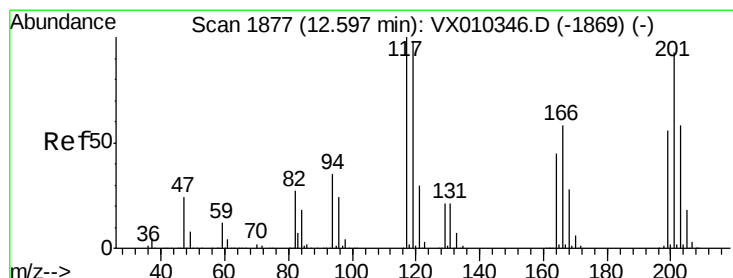
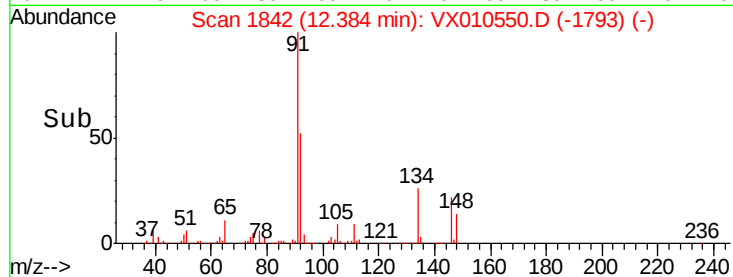
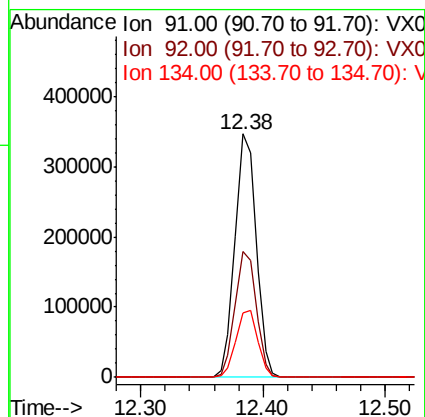
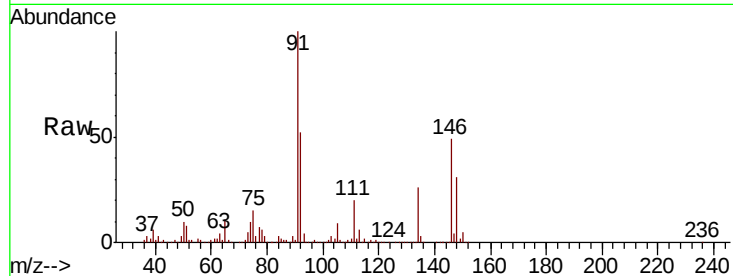




#89
n-Butylbenzene
Concen: 48.501 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

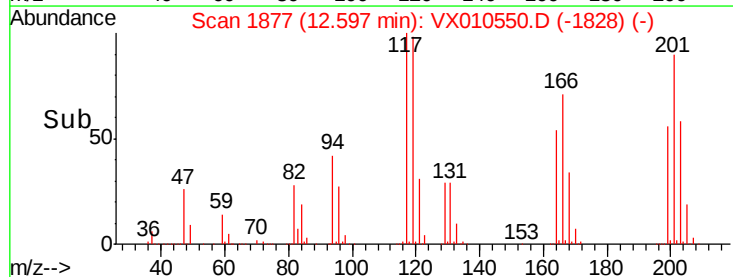
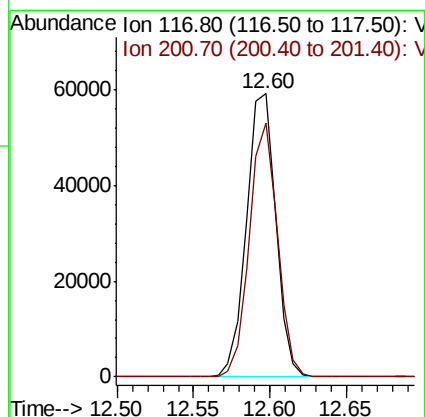
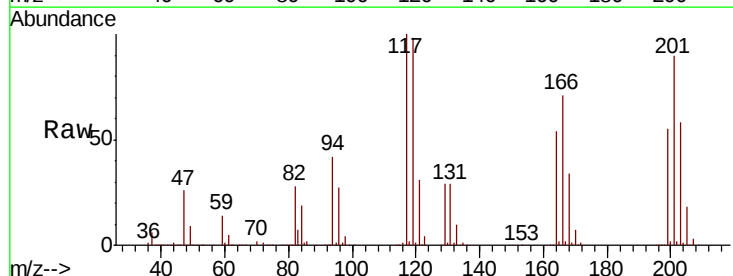
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 415671
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 28.0 14.1 42.4



#90
Hexachloroethane
Concen: 45.212 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion: 117 Resp: 78849
Ion Ratio Lower Upper
117 100
201 85.9 44.0 131.8

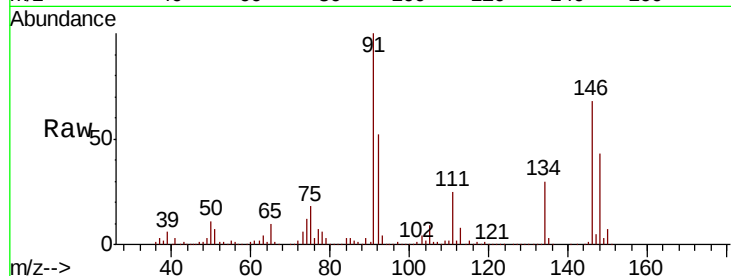




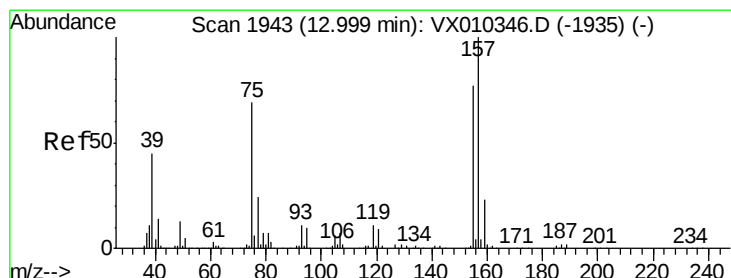
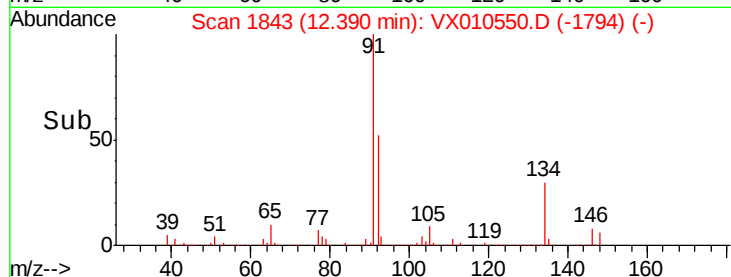
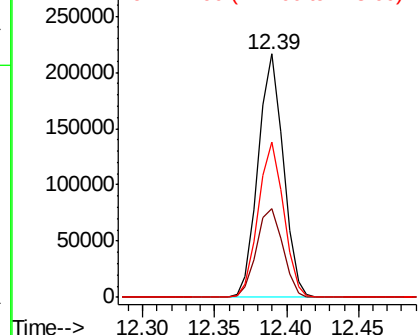
#91
 1,2-Dichlorobenzene
 Concen: 47.831 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 260062
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 64.3 32.0 96.0

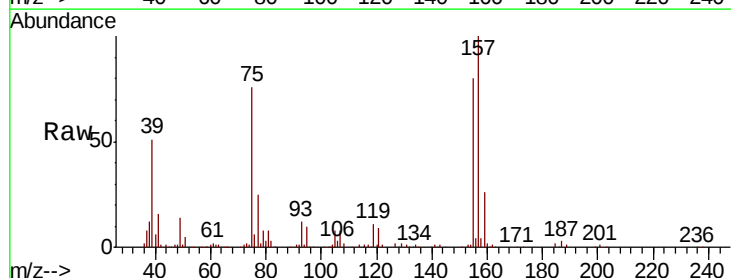


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

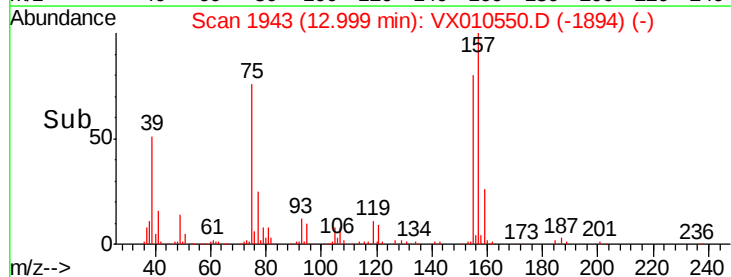
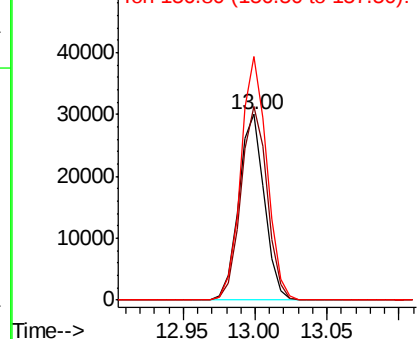


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.869 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion: 75 Resp: 37561
 Ion Ratio Lower Upper
 75 100
 155 105.8 54.4 163.1
 157 131.8 69.5 208.3



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

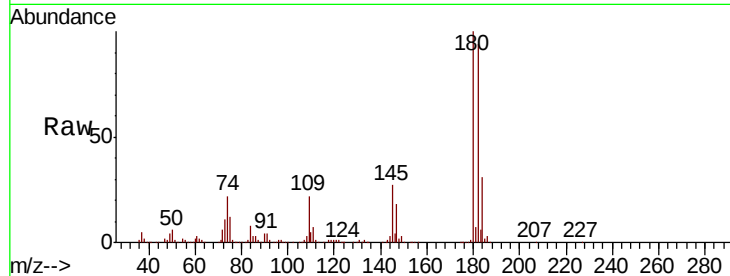




#93
 1,2,4-Trichlorobenzene
 Concen: 47.919 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.0
145	28.6	14.4	43.4

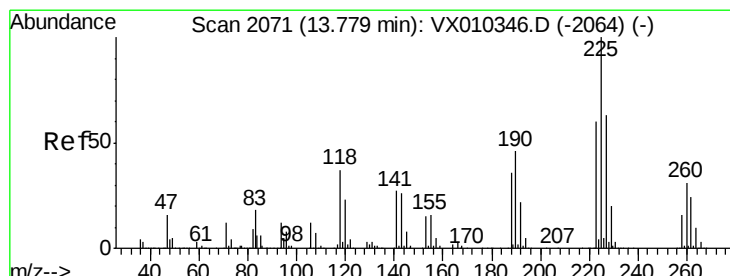
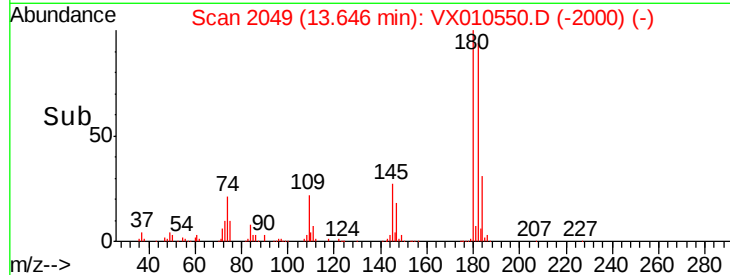
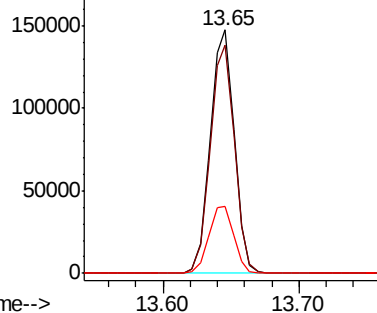


Abundance

Ion 179.80 (179.50 to 180.50): V

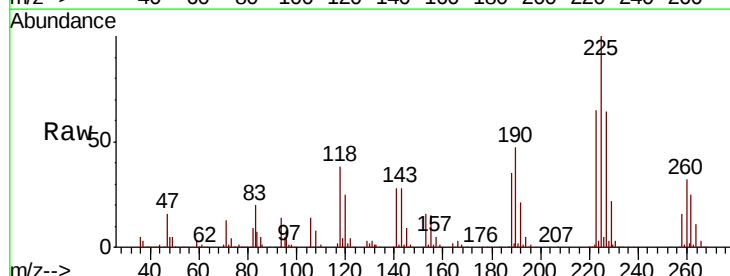
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.845 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010550.D
 Acq: 28 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	63.2	31.9	95.5

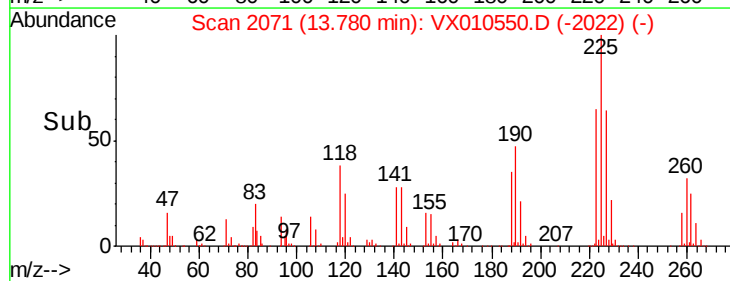
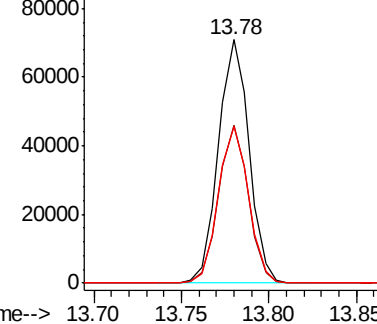


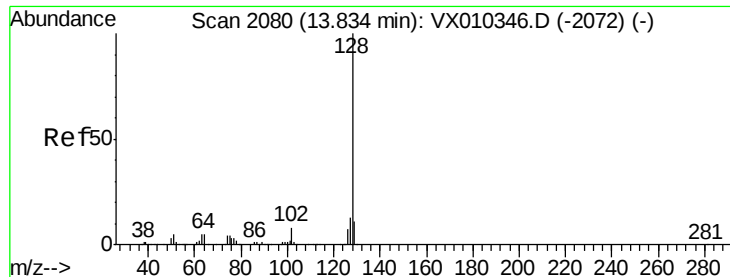
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

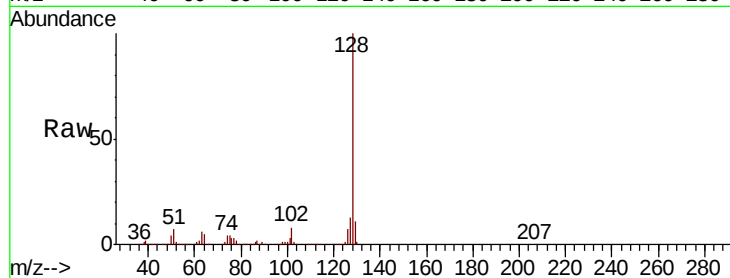




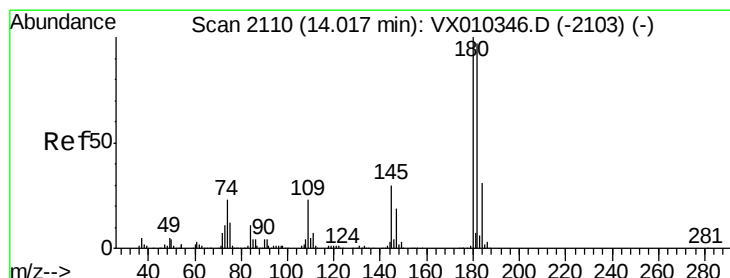
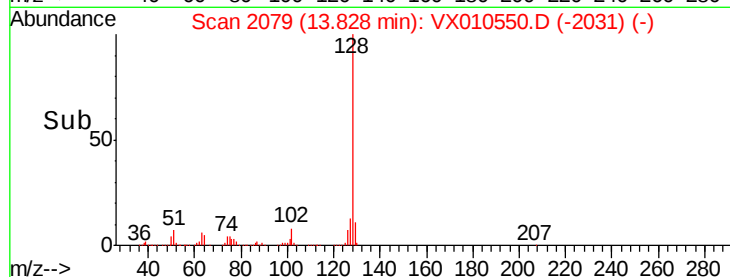
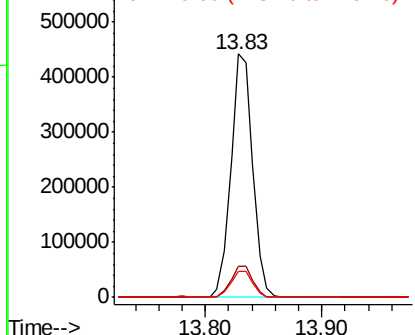
#95
Naphthalene
Concen: 49.340 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 571708
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

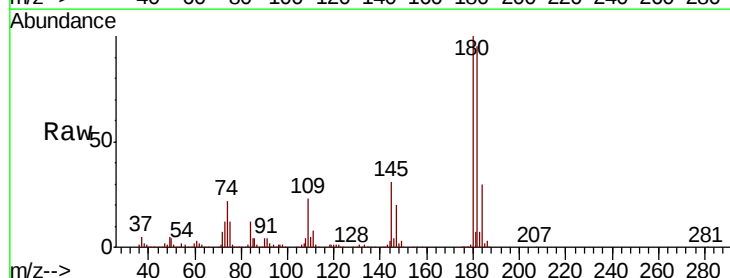


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.852 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010550.D
Acq: 28 Jun 2019 21:14

Tgt Ion:180 Resp: 183140
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 30.9 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

