

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010868.D
 Acq On : 13 Jul 2019 04:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 09:12:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	364027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188358	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	110260	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
35) Dibromofluoromethane	5.50	113	103499	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	
50) Toluene-d8	8.71	98	371167	40.25	ug/l	0.00
Spiked Amount			Recovery	=	80.50%	
62) 4-Bromofluorobenzene	11.13	95	143533	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	82001	46.151	ug/l	97
3) Chloromethane	1.32	50	90561	43.771	ug/l	100
4) Vinyl Chloride	1.41	62	97026	42.815	ug/l	97
5) Bromomethane	1.64	94	48414	43.852	ug/l	98
6) Chloroethane	1.71	64	61774	46.204	ug/l	98
7) Trichlorofluoromethane	1.92	101	168299	46.849	ug/l	100
8) Diethyl Ether	2.19	74	60891	47.265	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92683	42.574	ug/l	98
10) Methyl Iodide	2.51	142	117621	37.858	ug/l	95
11) Tert butyl alcohol	3.05	59	136940	218.400	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95929	43.304	ug/l	95
13) Acrolein	2.29	56	89091	214.189	ug/l	97
14) Allyl chloride	2.73	41	139605	44.390	ug/l	96
15) Acrylonitrile	3.14	53	290541	234.039	ug/l	99
16) Acetone	2.45	43	244589	203.668	ug/l	97
17) Carbon Disulfide	2.57	76	226559	38.121	ug/l	99
18) Methyl Acetate	2.78	43	90742	37.912	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	328364	47.118	ug/l	98
20) Methylene Chloride	2.85	84	111832	45.250	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103055	43.255	ug/l	99
22) Diisopropyl ether	3.85	45	308502	46.917	ug/l	92
23) Vinyl Acetate	3.81	43	1043759	183.744	ug/l	97
24) 1,1-Dichloroethane	3.70	63	176732	46.498	ug/l	100
25) 2-Butanone	4.67	43	395813	224.690	ug/l	100
26) 2,2-Dichloropropane	4.58	77	91139	27.603	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122008	44.315	ug/l	100
28) Bromochloromethane	5.02	49	78069	42.960	ug/l	95
29) Tetrahydrofuran	5.13	42	256866	235.410	ug/l	98
30) Chloroform	5.21	83	190141	46.495	ug/l	100
31) Cyclohexane	5.57	56	151302	43.714	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	164358	45.516	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134984	43.117	ug/l	99
37) Ethyl Acetate	4.84	43	119798	37.196	ug/l	99
38) Carbon Tetrachloride	5.79	117	141543	41.752	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161244	39.183	ug/l	97
40) Benzene	6.14	78	424345	43.507	ug/l	100
41) Methacrylonitrile	5.04	41	83547	47.278	ug/l	96
42) 1,2-Dichloroethane	6.19	62	146679	49.404	ug/l	97
43) Isopropyl Acetate	6.45	43	211352	39.664	ug/l	98
44) Trichloroethene	7.21	130	122682	42.036	ug/l	100
45) 1,2-Dichloropropane	7.51	63	108216	43.936	ug/l	100
46) Dibromomethane	7.66	93	78846	44.617	ug/l	96
47) Bromodichloromethane	7.90	83	142875	44.117	ug/l	99
48) Methyl methacrylate	7.77	41	118410	47.807	ug/l	96
49) 1,4-Dioxane	7.74	88	64603	905.429	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	803846	235.872	ug/l	98
52) Toluene	8.78	92	274489	42.735	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143025	39.391	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	159062	40.312	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116858	44.114	ug/l	99
56) Ethyl methacrylate	9.18	69	180772	45.048	ug/l	95
57) 1,3-Dichloropropane	9.37	76	186154	45.270	ug/l	100
59) 2-Hexanone	9.49	43	626243	233.481	ug/l	98
60) Dibromochloromethane	9.58	129	123200	41.537	ug/l	100
61) 1,2-Dibromoethane	9.67	107	126201	44.137	ug/l	99
64) Tetrachloroethene	9.34	164	111542	37.883	ug/l	99
65) Chlorobenzene	10.14	112	313147	42.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114620	42.578	ug/l	100
67) Ethyl Benzene	10.25	91	545280	43.704	ug/l	97
68) m/p-Xylenes	10.36	106	415248	85.894	ug/l	96
69) o-Xylene	10.69	106	206189	43.370	ug/l	98
70) Styrene	10.71	104	351698	44.111	ug/l	98
71) Bromoform	10.85	173	94301	40.282	ug/l	99
73) Isopropylbenzene	11.02	105	546667	42.814	ug/l	99
74) N-amyl acetate	10.90	43	176160	36.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	184571	43.649	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196734	57.317	ug/l	80
77) Bromobenzene	11.26	156	150249	42.142	ug/l	97
78) n-propylbenzene	11.36	91	614131	43.763	ug/l	99
79) 2-Chlorotoluene	11.42	91	366314	43.837	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	462294	43.919	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46649	31.706	ug/l	88
82) 4-Chlorotoluene	11.51	91	424213	44.614	ug/l	99
83) tert-Butylbenzene	11.77	119	458696	43.418	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	468440	44.296	ug/l	98
85) sec-Butylbenzene	11.94	105	536489	43.250	ug/l	99
86) p-Isopropyltoluene	12.06	119	492029	42.883	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	262012	42.101	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259932	41.026	ug/l	98
89) n-Butylbenzene	12.38	91	410885	42.143	ug/l	99
90) Hexachloroethane	12.60	117	77947	39.289	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	260366	42.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38600	42.339	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	174623	40.710	ug/l	99

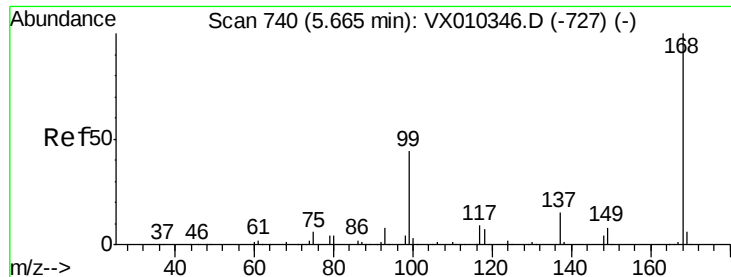
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81376	38.817	ug/l	99
95) Naphthalene	13.83	128	550081	41.731	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177206	41.551	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

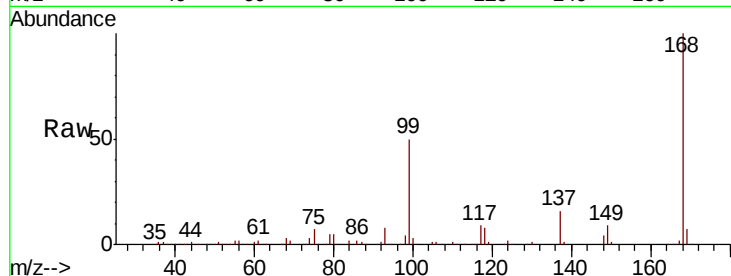
VSTDCCC050EC

Tot Ion:168 Resp: 255571

Ion Ratio Lower Upper

168 100

99 49.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

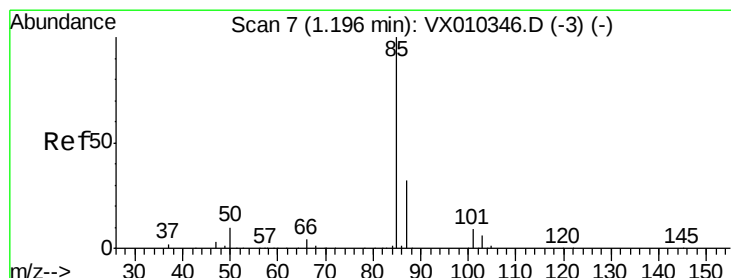
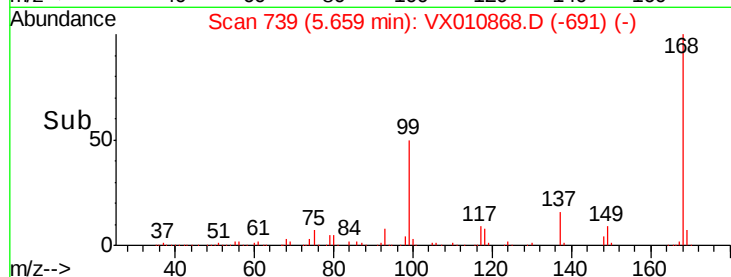
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.151 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010868.D

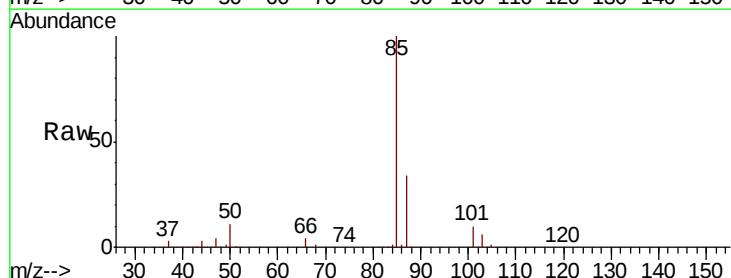
Acq: 13 Jul 2019 04:05

Tgt Ion: 85 Resp: 82001

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

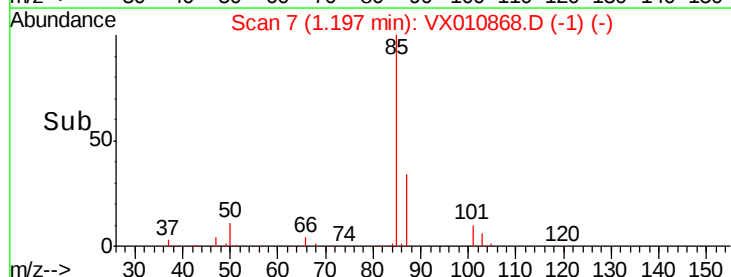
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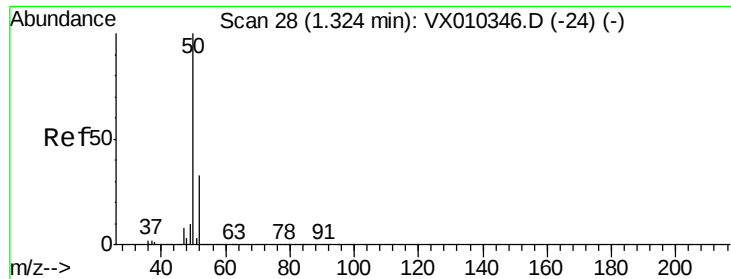
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.771 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

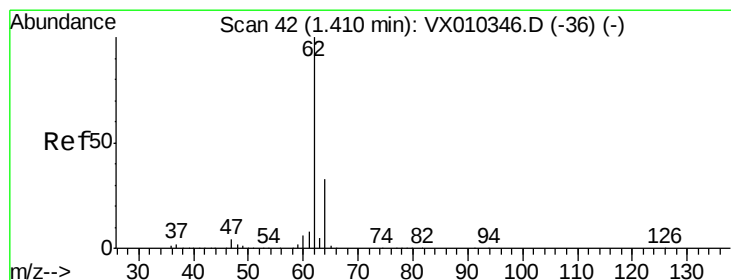
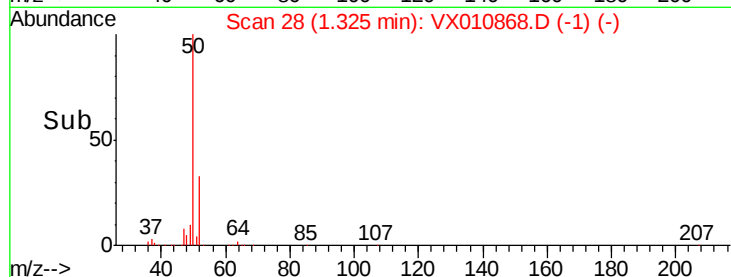
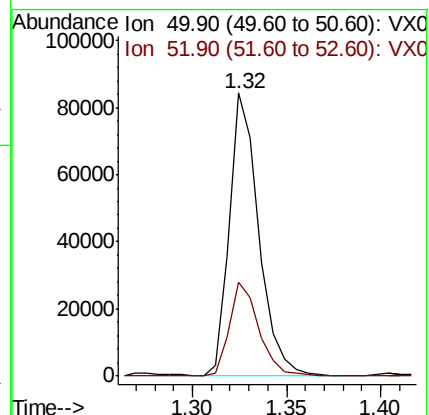
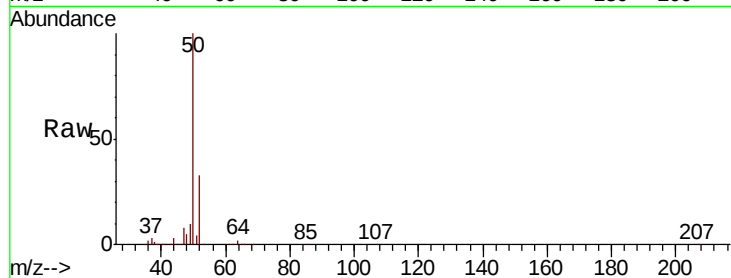
VSTDCCC050EC

Tot Ion: 50 Resp: 90561

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 42.815 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010868.D

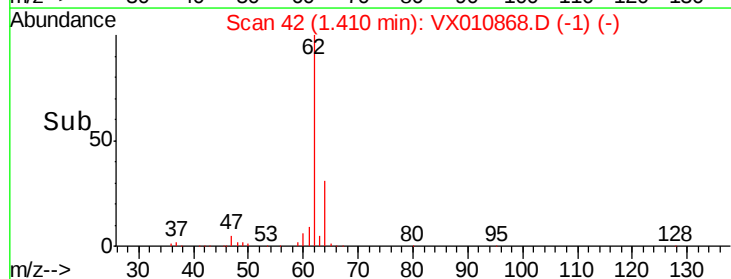
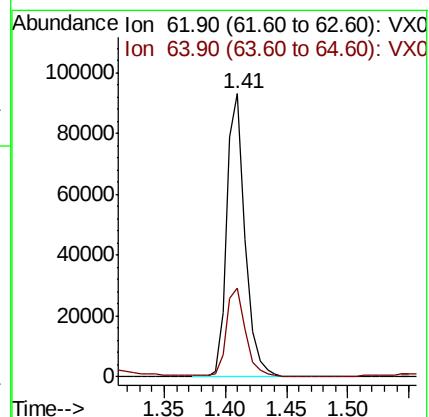
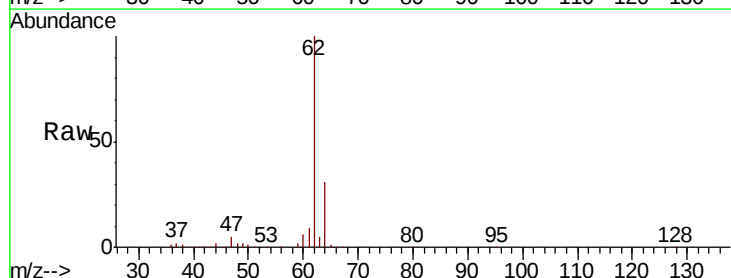
Acq: 13 Jul 2019 04:05

Tgt Ion: 62 Resp: 97026

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





#5

Bromomethane

Concen: 43.852 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

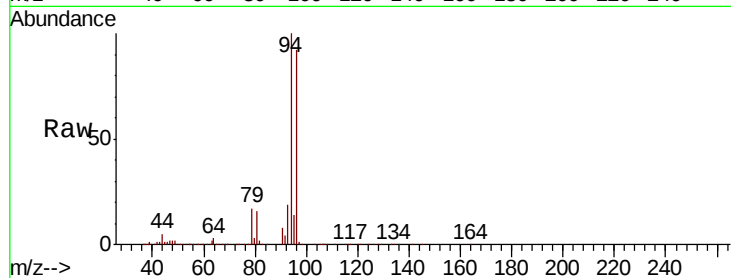
VSTDCCC050EC

Tot Ion: 94 Resp: 48414

Ion Ratio Lower Upper

94 100

96 92.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

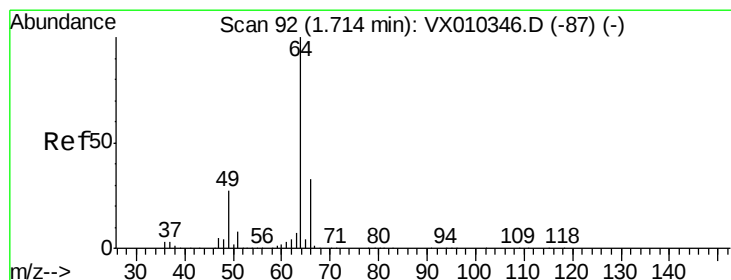
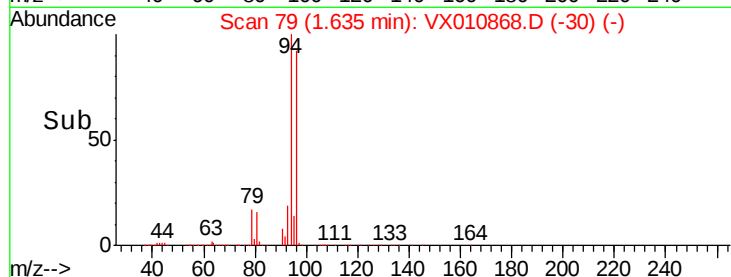
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.204 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010868.D

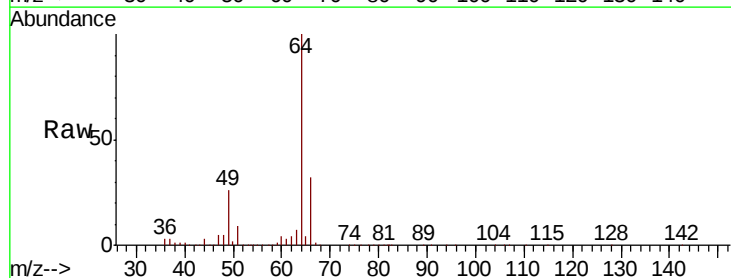
Acq: 13 Jul 2019 04:05

Tgt Ion: 64 Resp: 61774

Ion Ratio Lower Upper

64 100

66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

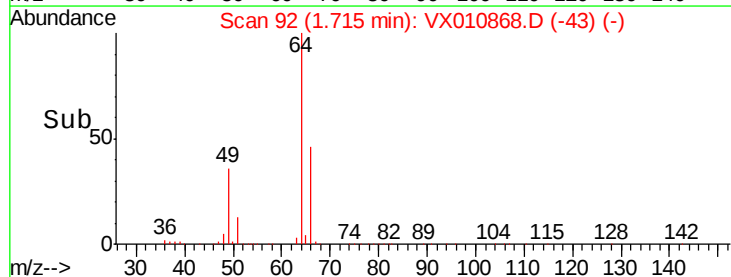
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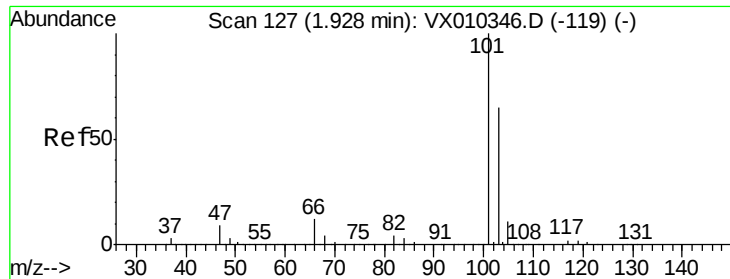
20000

10000

0

Time--> 1.60 1.70 1.80



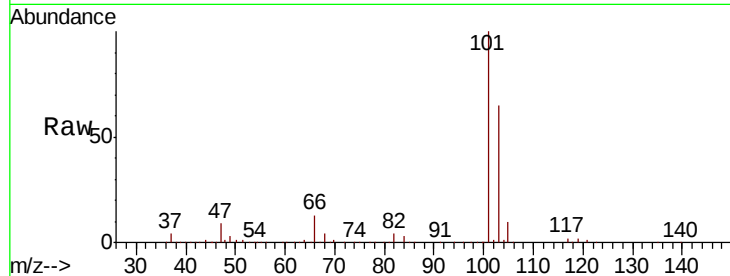


#7

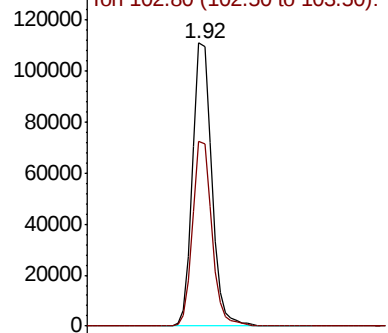
Trichlorofluoromethane
Concen: 46.849 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

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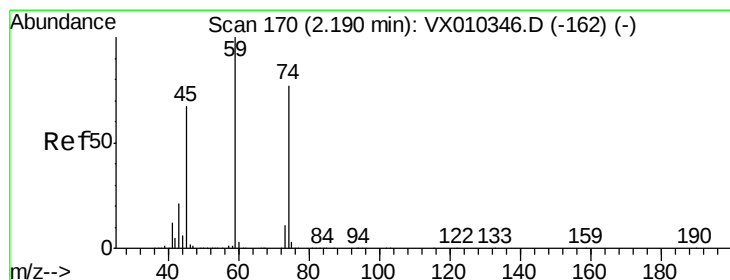
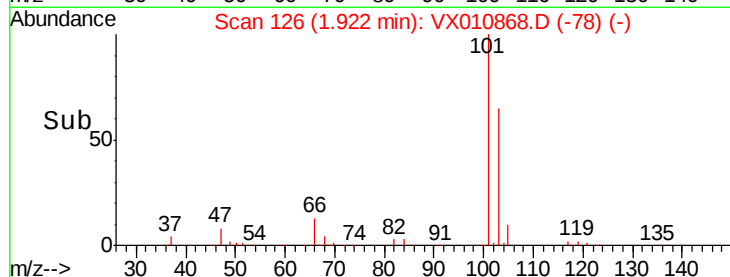
Tot Ion:101 Resp: 168299
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



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



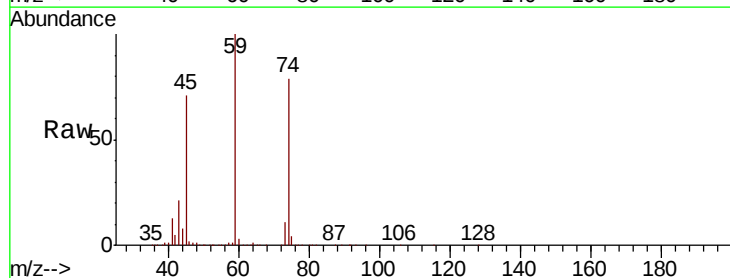
Time--> 1.80 1.90 2.00 2.10



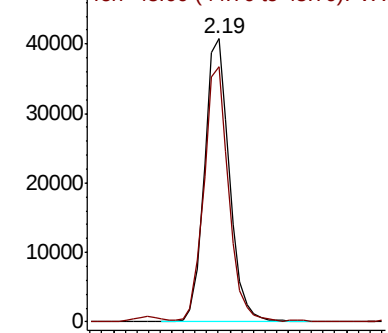
#8

Diethyl Ether
Concen: 47.265 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

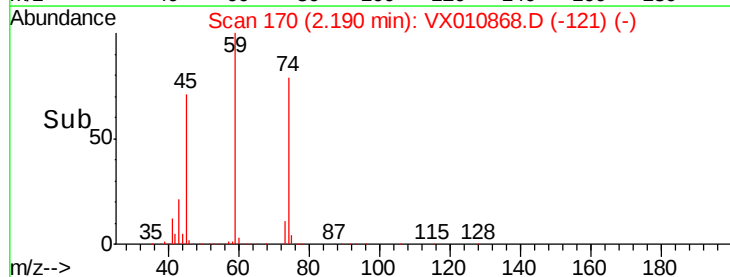
Tgt Ion: 74 Resp: 60891
Ion Ratio Lower Upper
74 100
45 88.5 44.8 134.4



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



Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.574 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

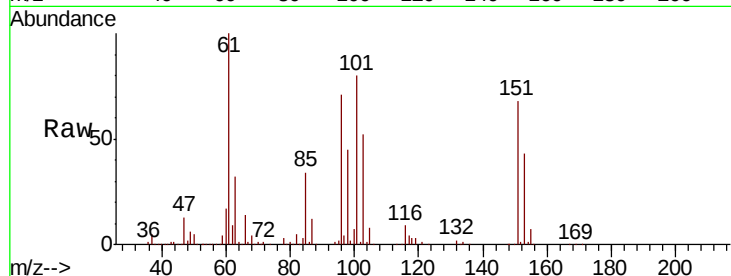
Tot Ion:101 Resp: 92683

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

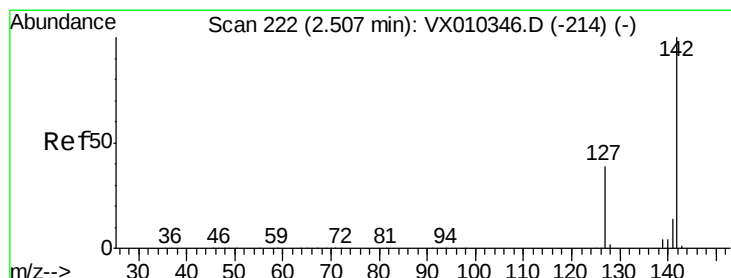
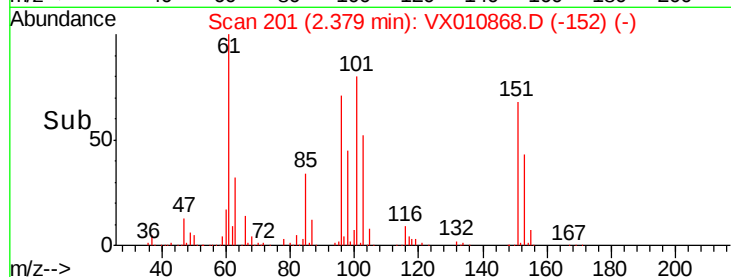
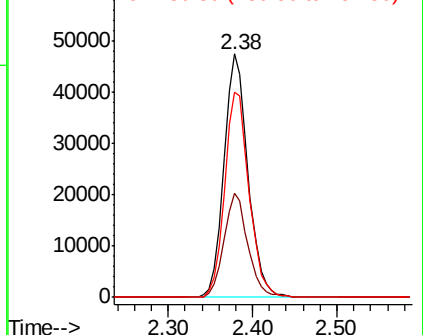
151 85.7 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.858 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

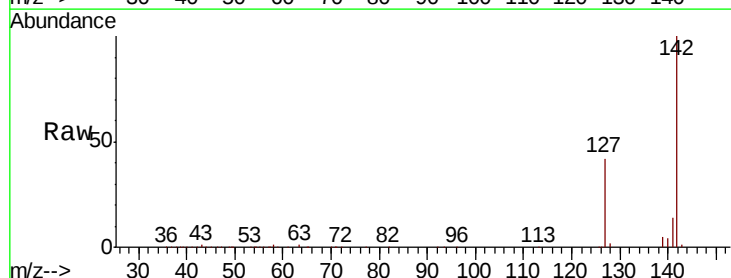
Tgt Ion:142 Resp: 117621

Ion Ratio Lower Upper

142 100

127 42.5 31.1 46.7

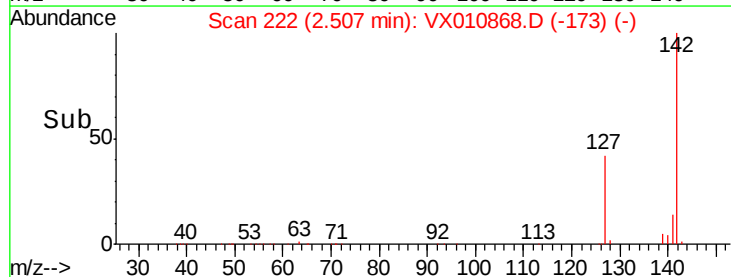
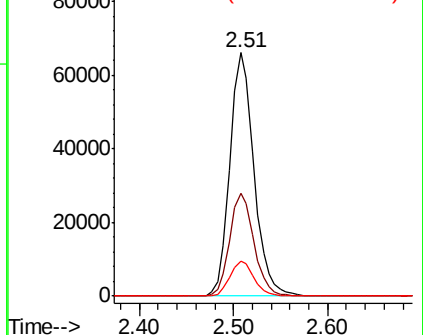
141 14.4 11.2 16.8



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



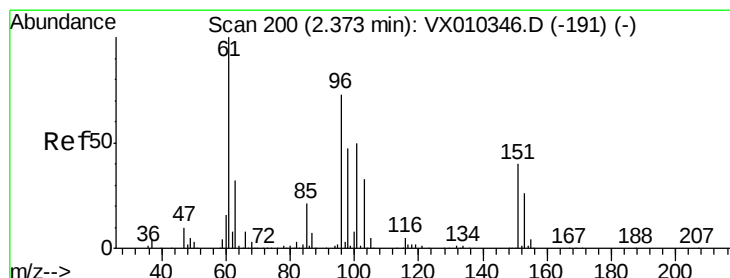
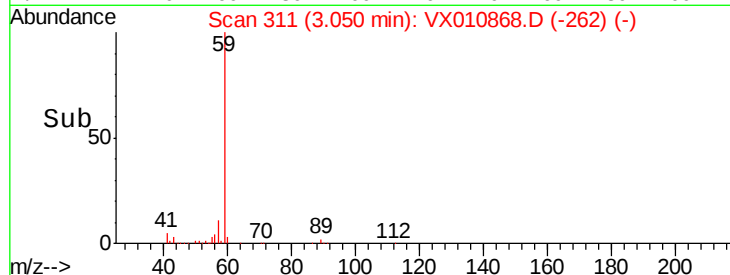
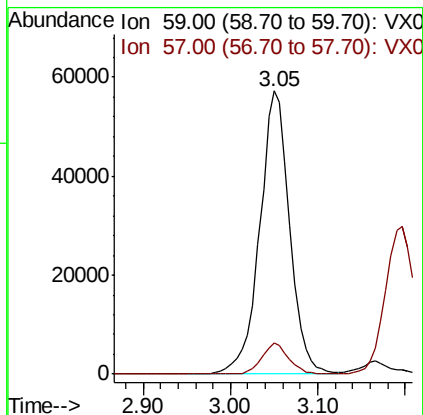
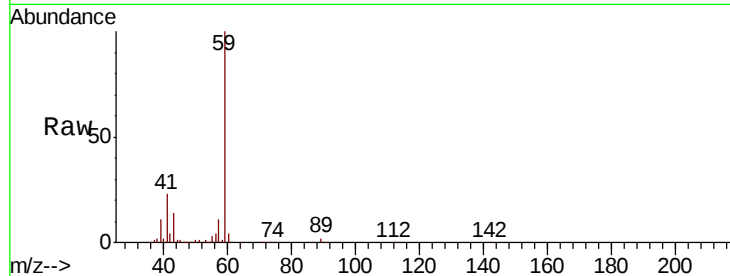


#11

Tert butyl alcohol
Concen: 218.400 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

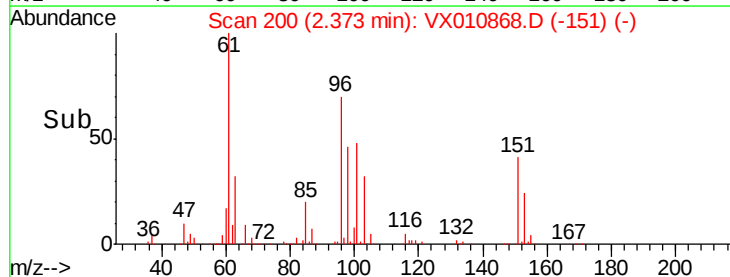
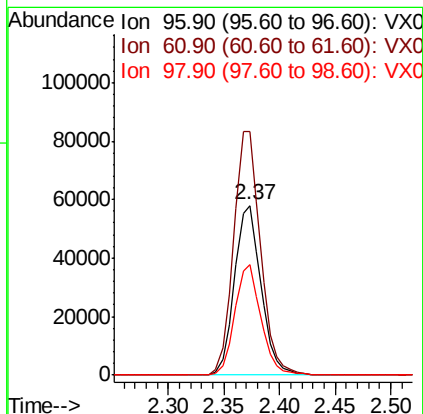
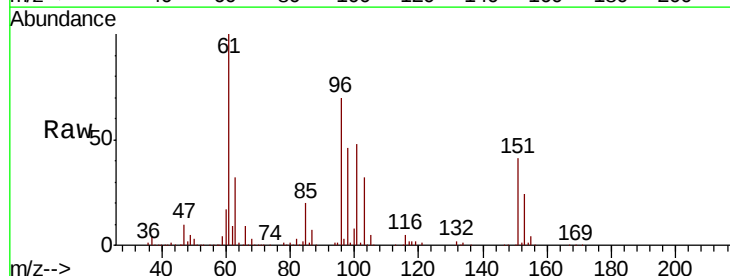
Tot Ion: 59 Resp: 136940
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12

1,1-Dichloroethene
Concen: 43.304 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 96 Resp: 95929
Ion Ratio Lower Upper
96 100
61 143.6 109.2 163.8
98 65.4 51.1 76.7





#13

Acrolein

Concen: 214.189 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

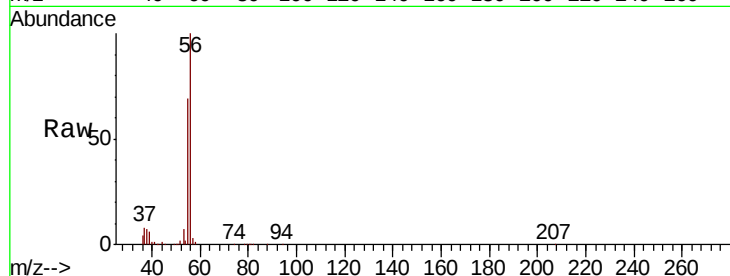
VSTDCCC050EC

Tot Ion: 56 Resp: 89091

Ion Ratio Lower Upper

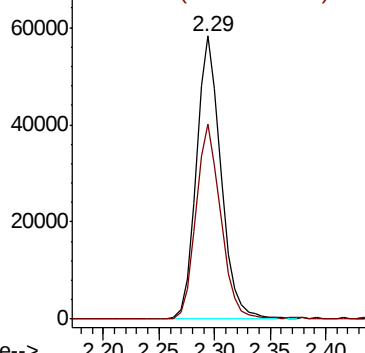
56 100

55 68.9 56.9 85.3

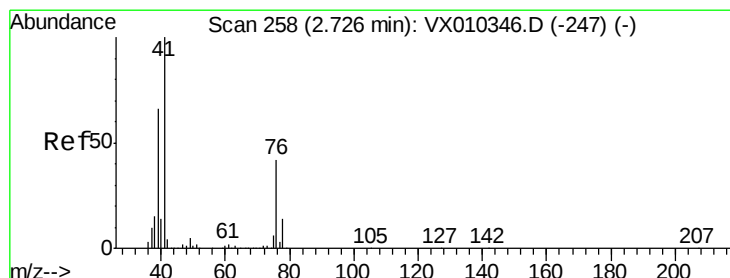
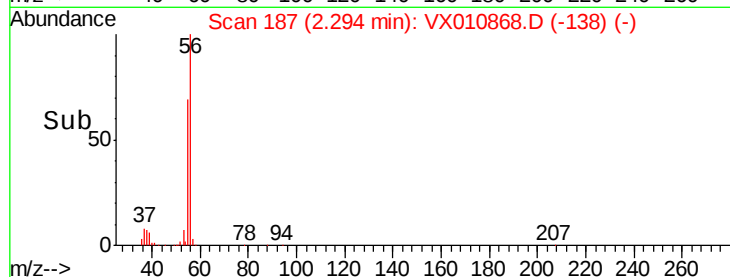


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 44.390 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

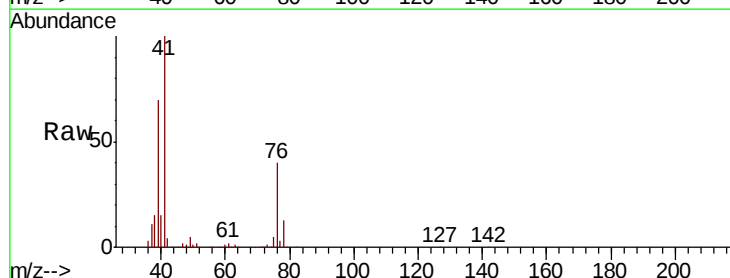
Tgt Ion: 41 Resp: 139605

Ion Ratio Lower Upper

41 100

39 66.3 50.3 75.5

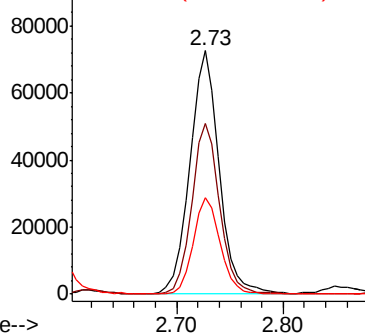
76 36.5 31.3 46.9



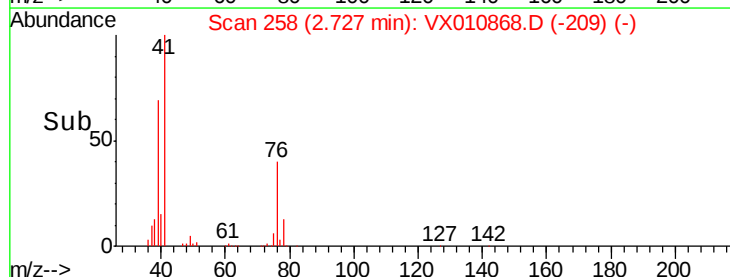
Abundance Ion 41.00 (40.70 to 41.70): VX0

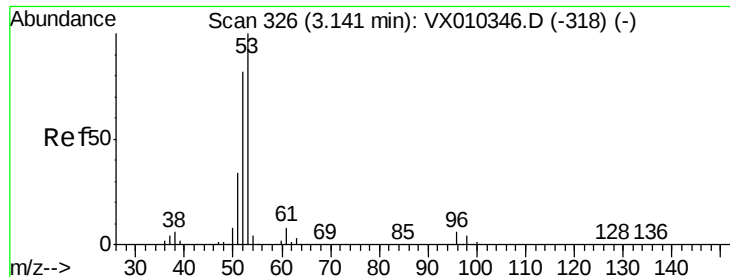
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 234.039 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

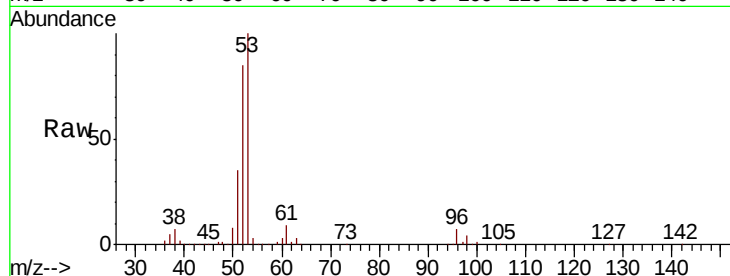
Tot Ion: 53 Resp: 290541

Ion Ratio Lower Upper

53 100

52 83.0 65.5 98.3

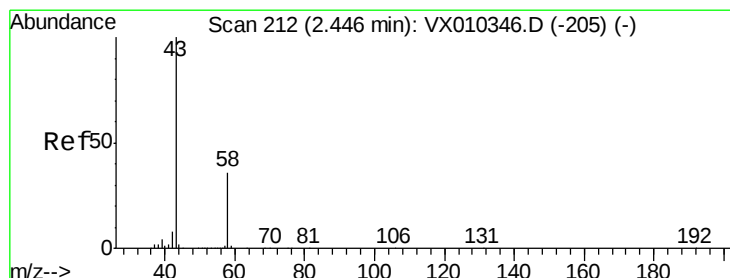
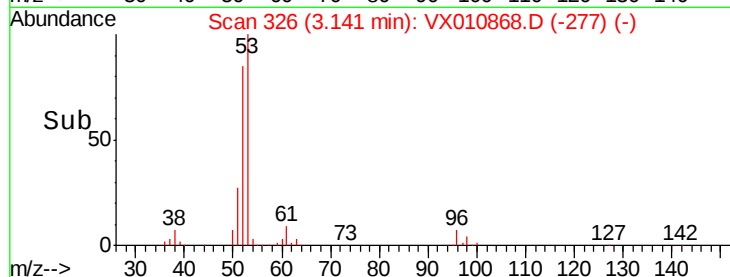
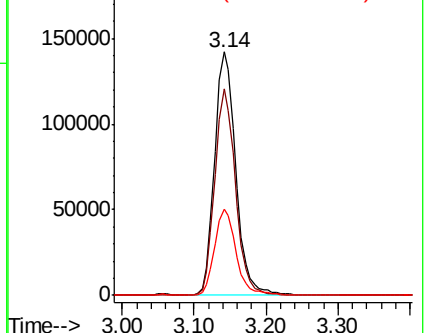
51 35.8 28.2 42.4



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: 203.668 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010868.D

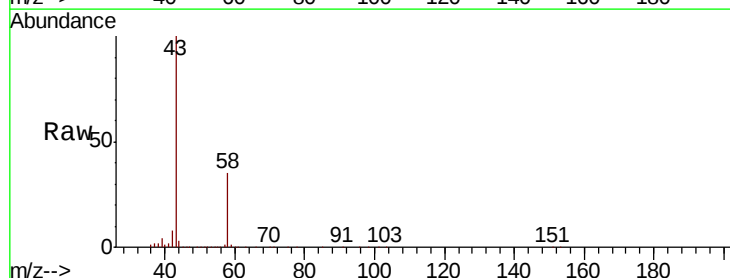
Acq: 13 Jul 2019 04:05

Tgt Ion: 43 Resp: 244589

Ion Ratio Lower Upper

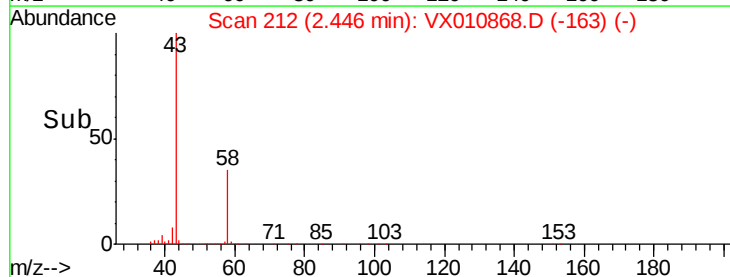
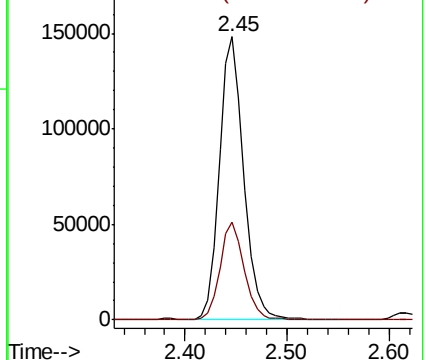
43 100

58 34.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

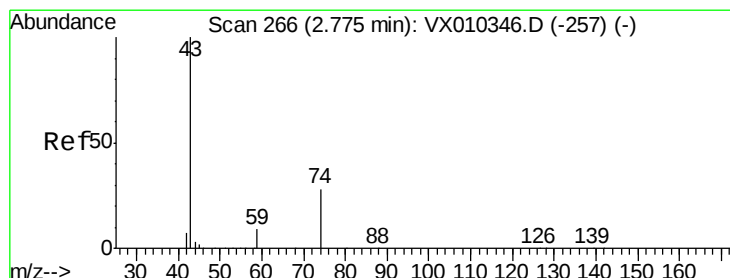
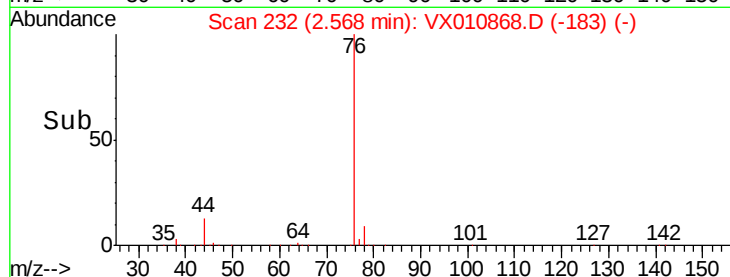
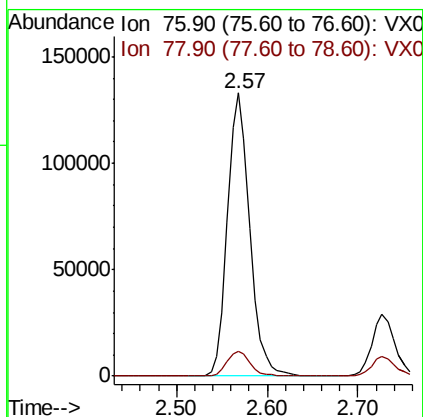
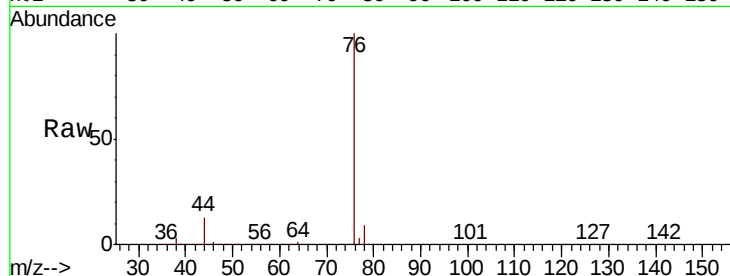




#17
Carbon Disulfide
Concen: 38.121 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

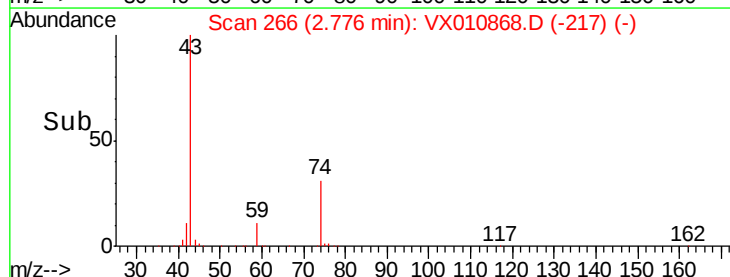
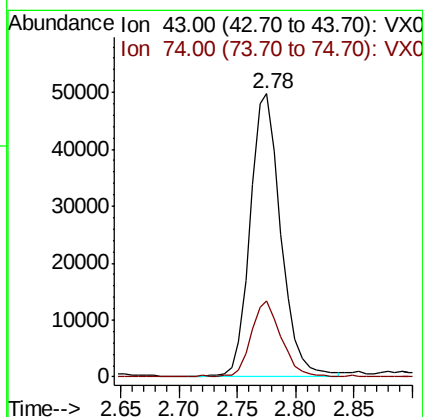
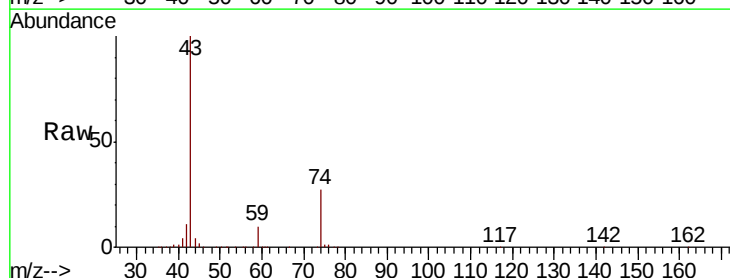
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

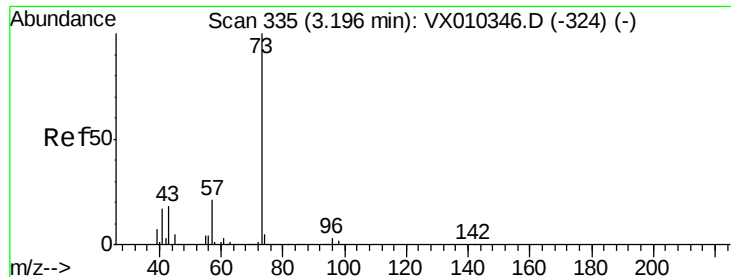
Tot Ion: 76 Resp: 226559
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 37.912 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 43 Resp: 90742
Ion Ratio Lower Upper
43 100
74 25.7 21.3 31.9

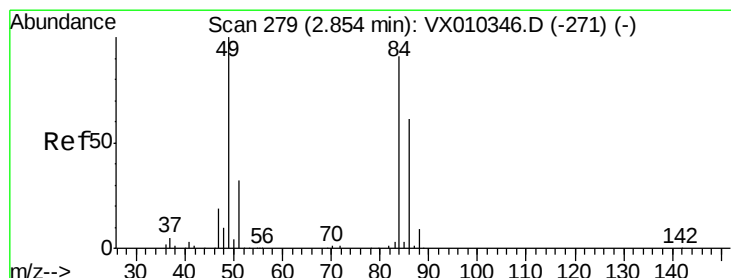
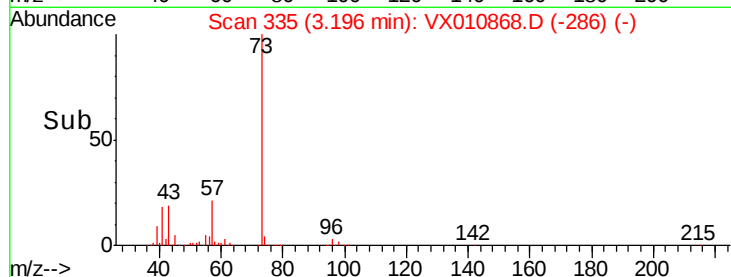
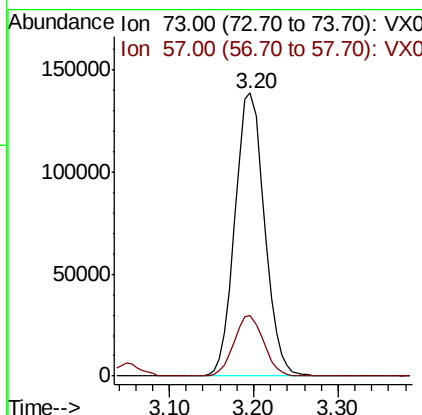
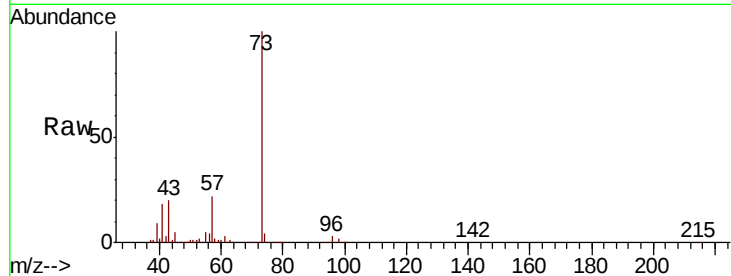




#19
Methyl tert-butyl Ether
Concen: 47.118 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

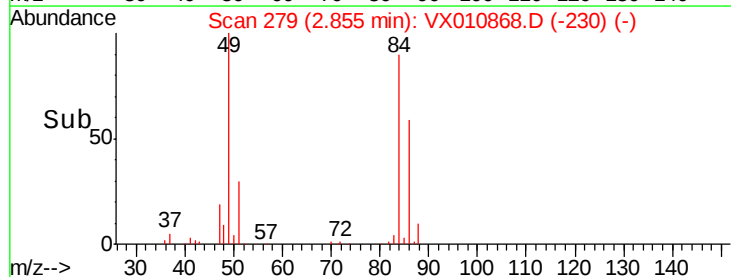
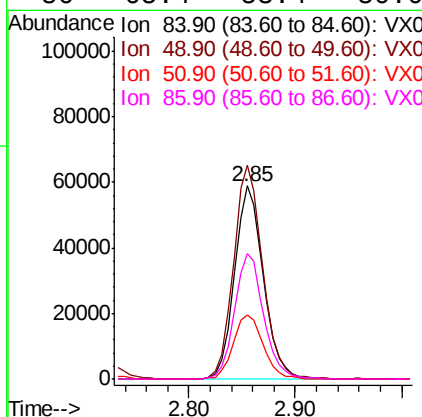
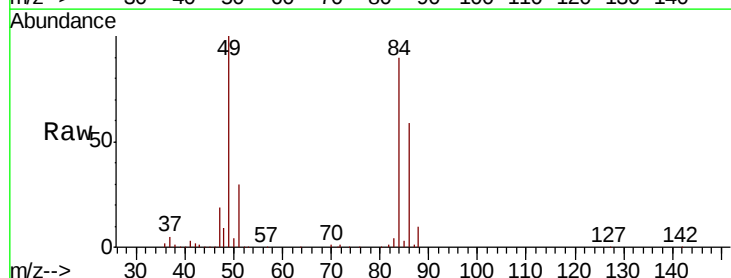
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

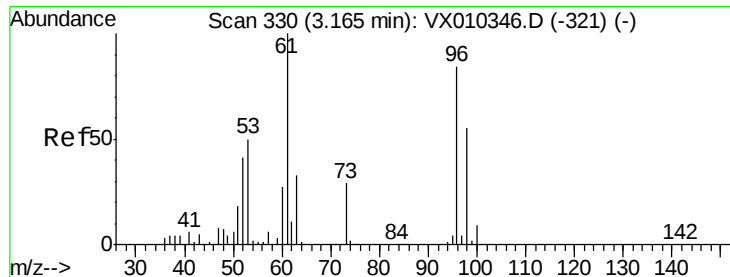
Tot Ion: 73 Resp: 328364
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 45.250 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 84 Resp: 111832
Ion Ratio Lower Upper
84 100
49 110.8 87.5 131.3
51 33.1 27.7 41.5
86 65.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 43.255 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

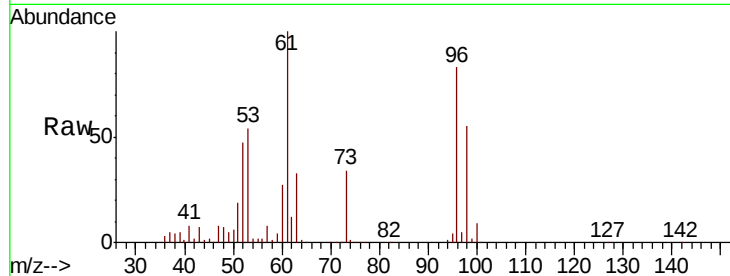
Tot Ion: 96 Resp: 103055

Ion Ratio Lower Upper

96 100

61 121.2 95.6 143.4

98 66.7 52.5 78.7

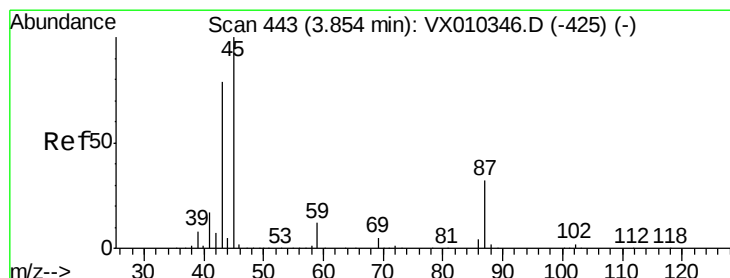
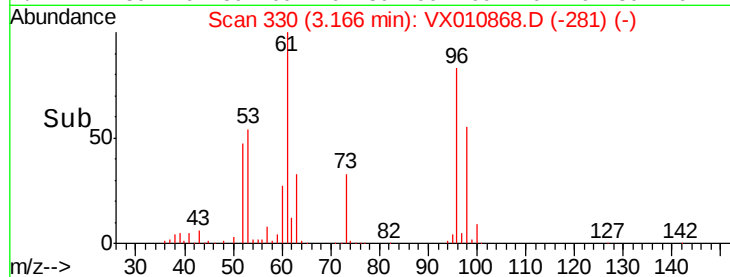
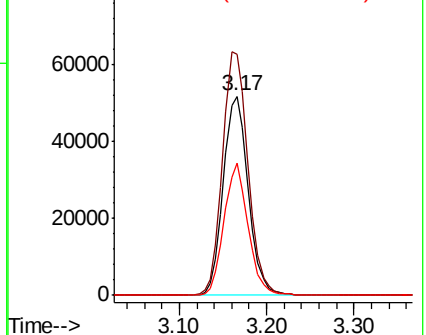


Abundance

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: 46.917 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Tgt Ion: 45 Resp: 308502

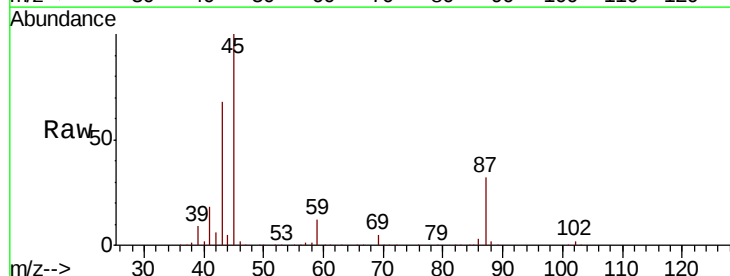
Ion Ratio Lower Upper

45 100

43 67.9 63.3 94.9

87 32.3 25.8 38.8

59 12.2 9.6 14.4



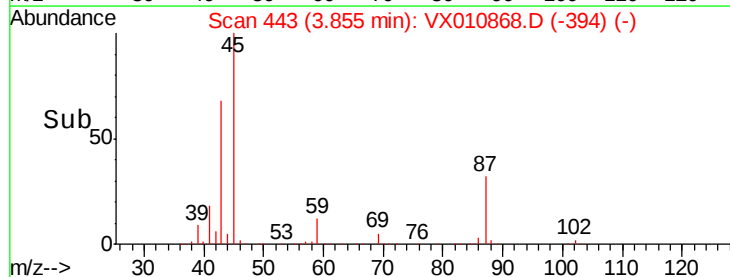
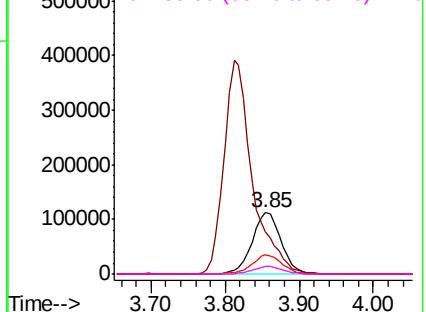
Abundance

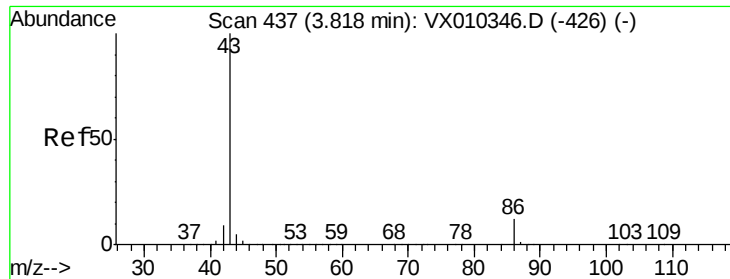
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 183.744 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

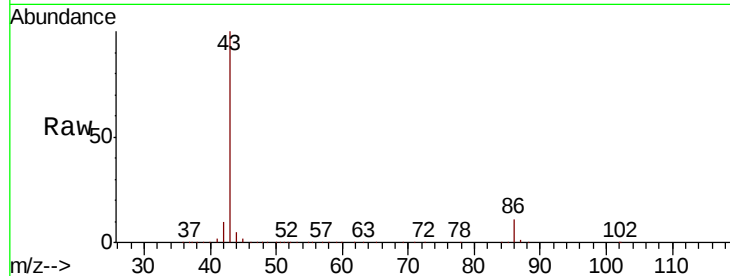
VSTDCCC050EC

Tot Ion: 43 Resp: 1043759

Ion Ratio Lower Upper

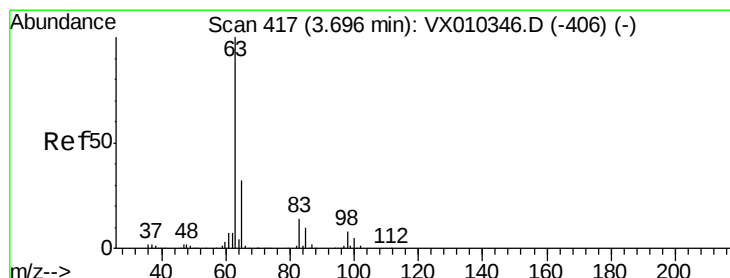
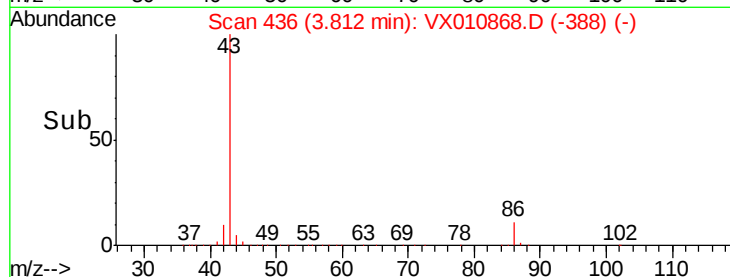
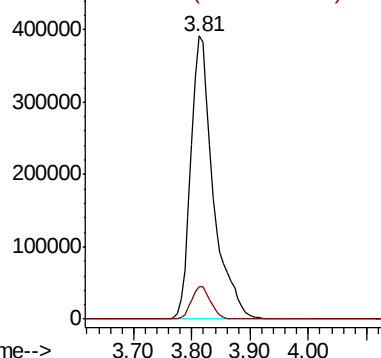
43 100

86 11.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.498 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

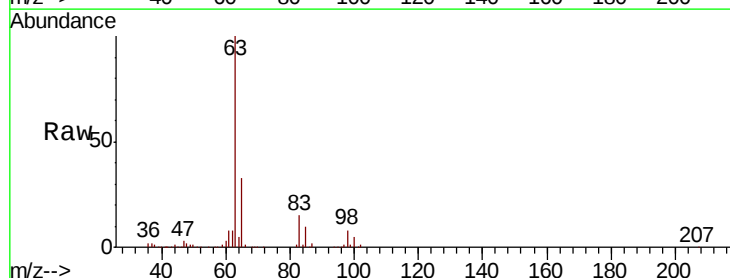
Tgt Ion: 63 Resp: 176732

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

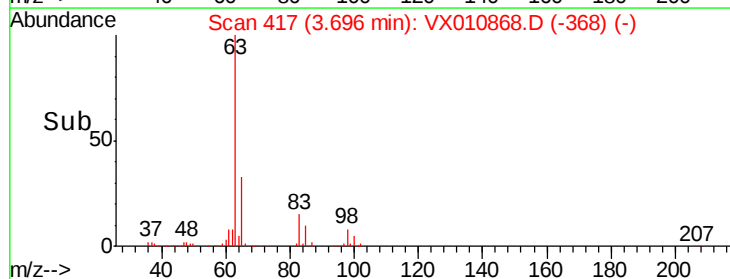
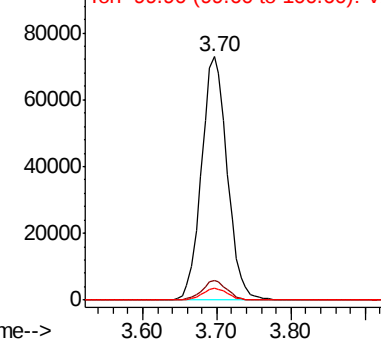
100 4.8 2.4 7.1

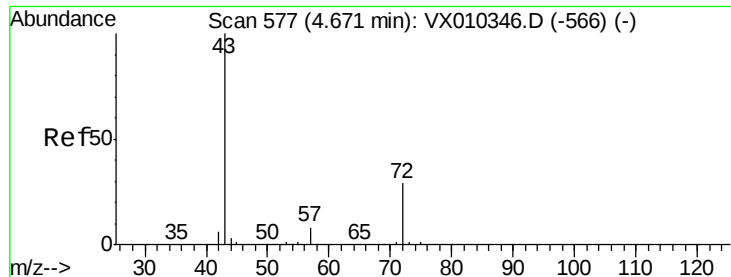


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.690 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

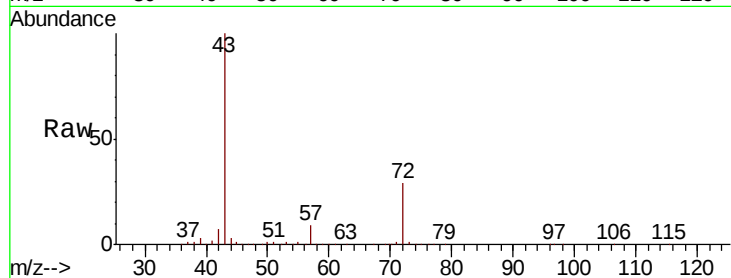
VSTDCCC050EC

Tot Ion: 43 Resp: 395813

Ion Ratio Lower Upper

43 100

72 29.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

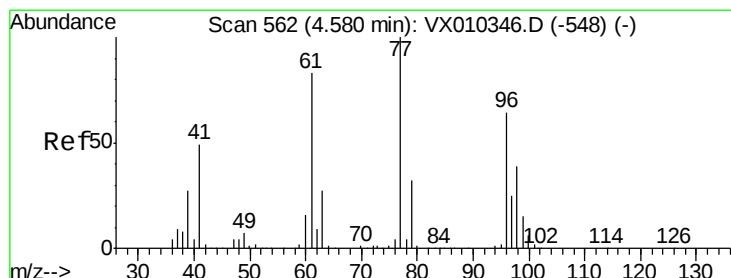
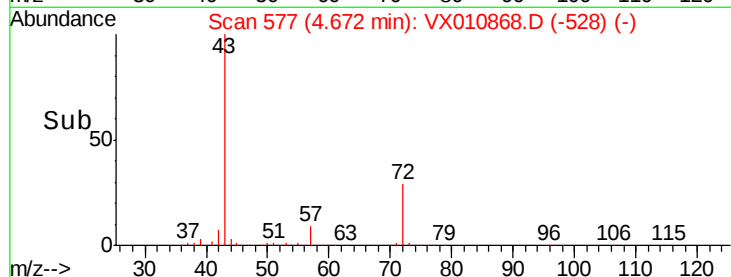
100000

50000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 27.603 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010868.D

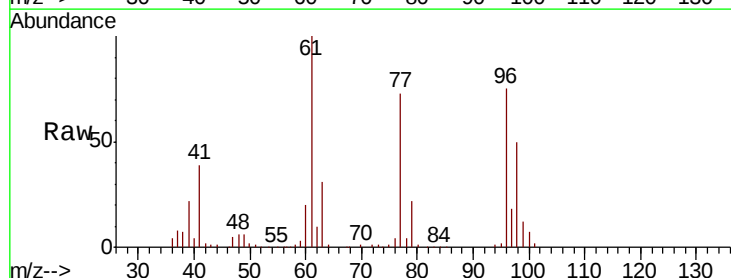
Acq: 13 Jul 2019 04:05

Tgt Ion: 77 Resp: 91139

Ion Ratio Lower Upper

77 100

97 26.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

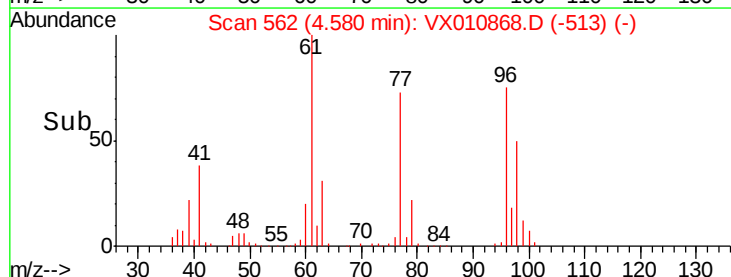
20000

10000

0

4.50 4.55 4.60 4.65 4.70

Time-->



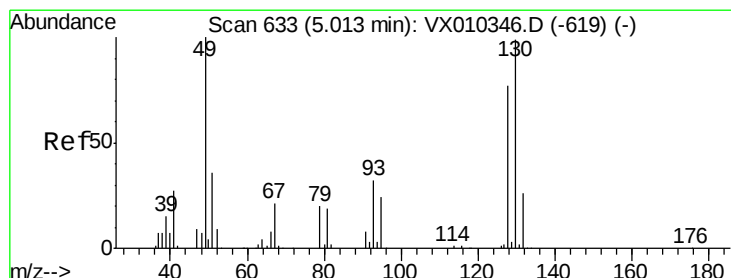
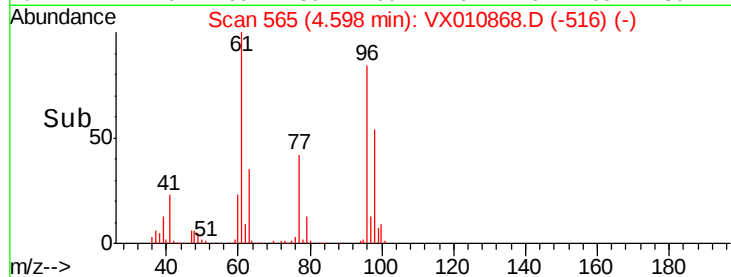
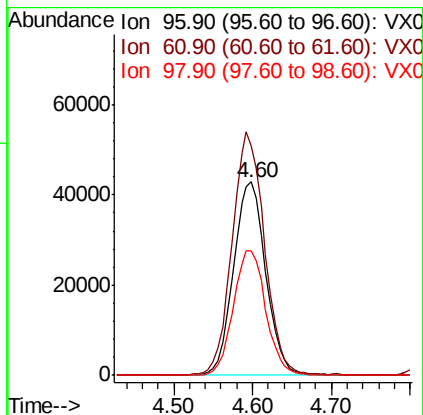
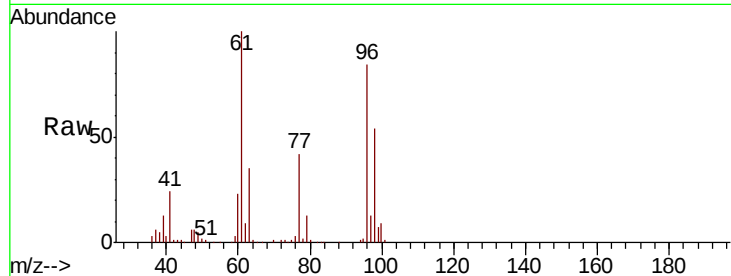


#27

cis-1,2-Dichloroethene
 Concen: 44.315 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

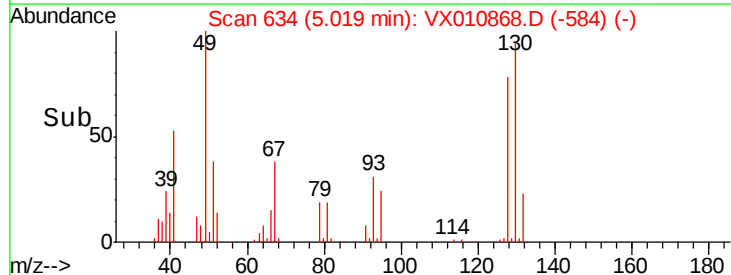
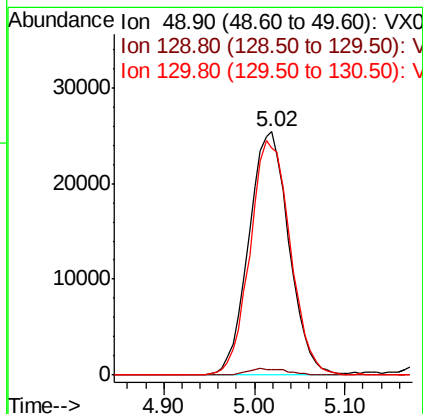
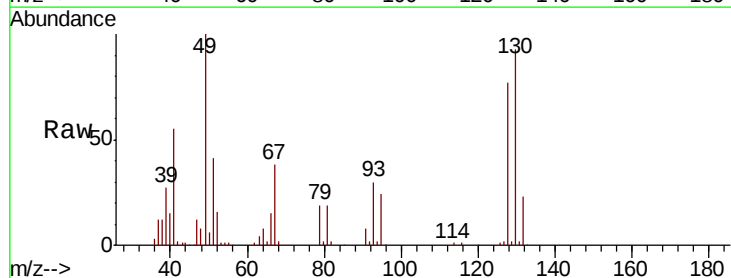
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	251.8
98	64.9	0.0	129.4

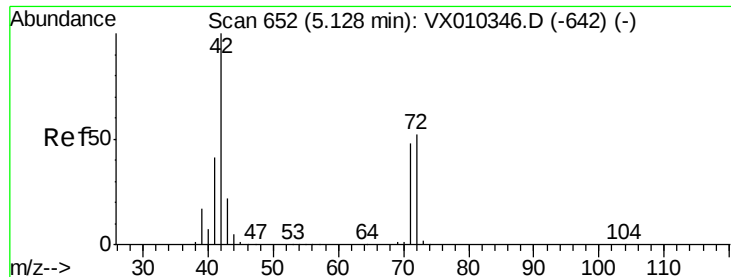


#28

Bromochloromethane
 Concen: 42.960 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	96.3	81.4	122.0

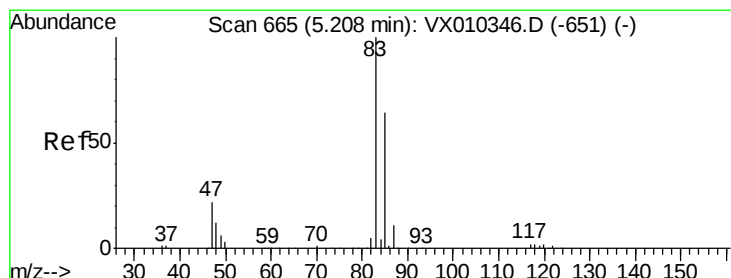
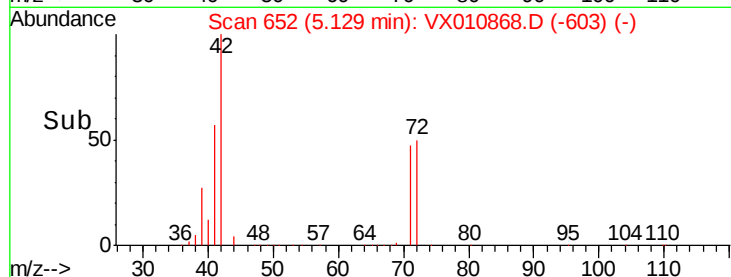
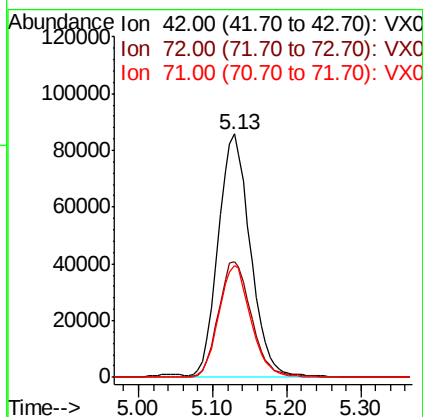
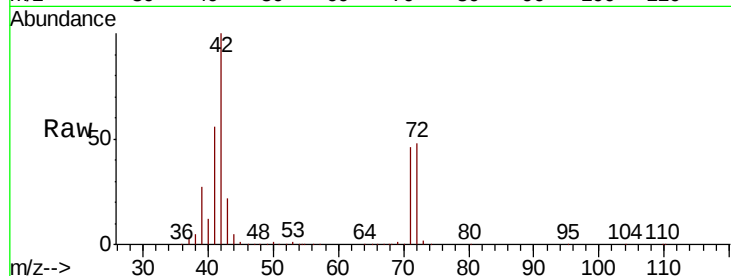




#29
Tetrahydrofuran
Concen: 235.410 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

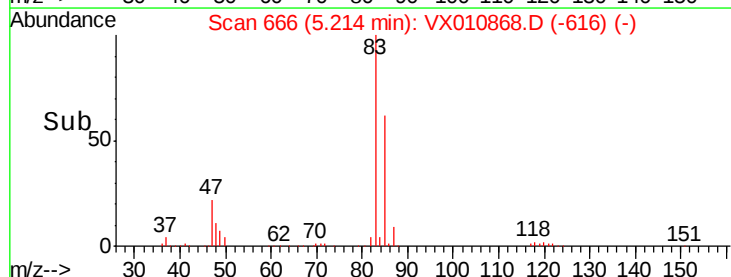
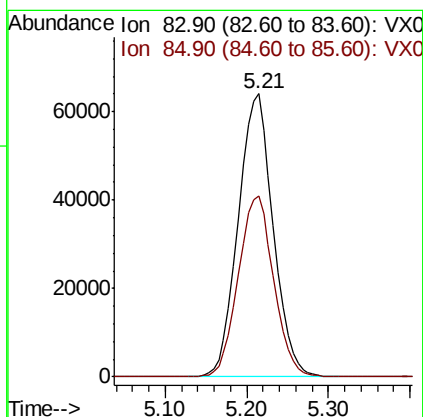
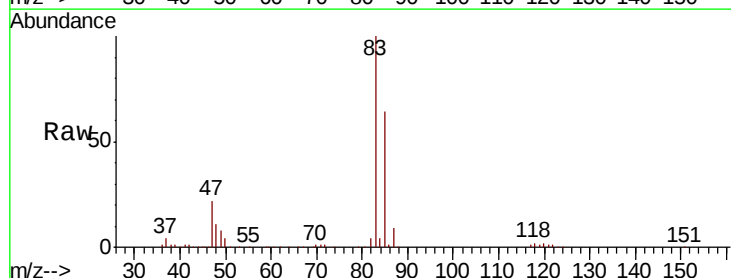
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

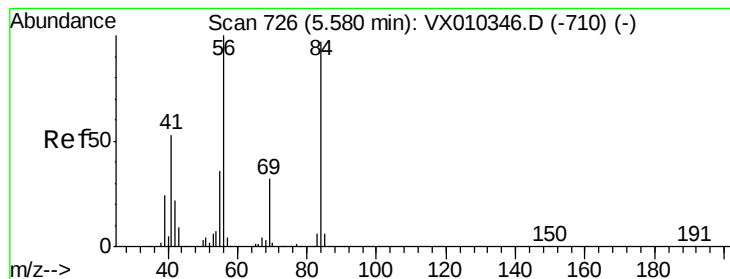
Tot Ion: 42 Resp: 256866
Ion Ratio Lower Upper
42 100
72 49.2 40.6 60.8
71 46.0 37.8 56.8



#30
Chloroform
Concen: 46.495 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 83 Resp: 190141
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3





#31

Cvclohexane

Concen: 43.714 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

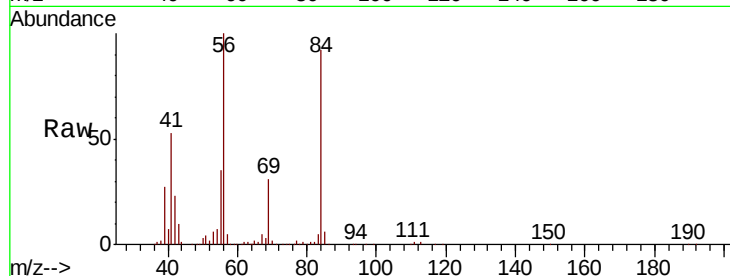
Tot Ion: 56 Resp: 151302

Ion Ratio Lower Upper

56 100

69 31.2 25.9 38.9

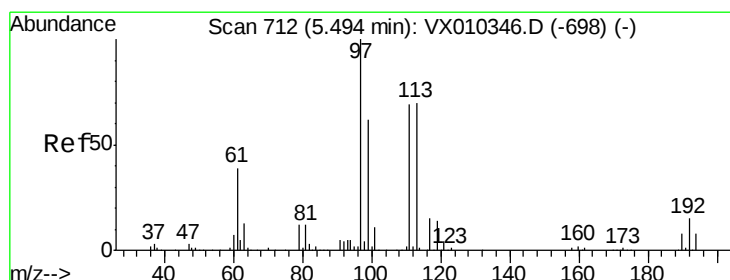
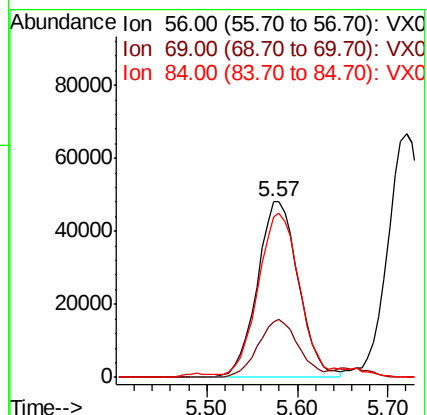
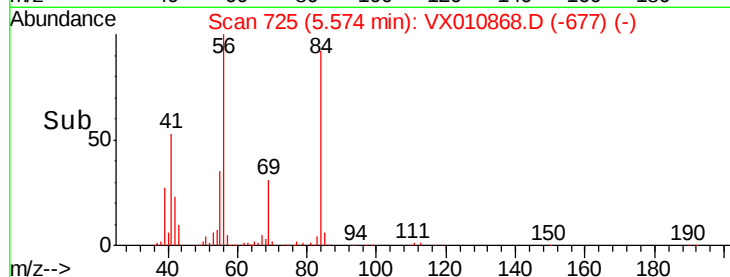
84 89.7 78.0 117.0



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: 45.516 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

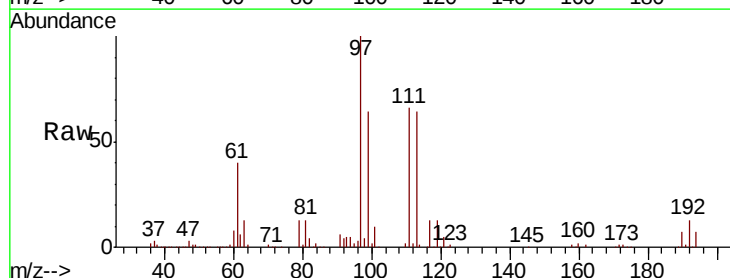
Tgt Ion: 97 Resp: 164358

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

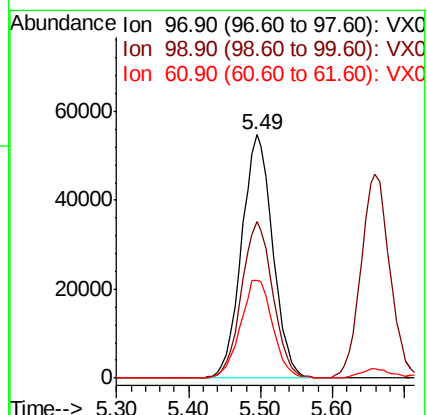
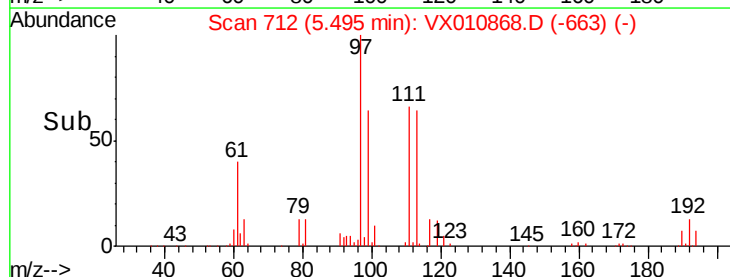
61 41.7 32.1 48.1

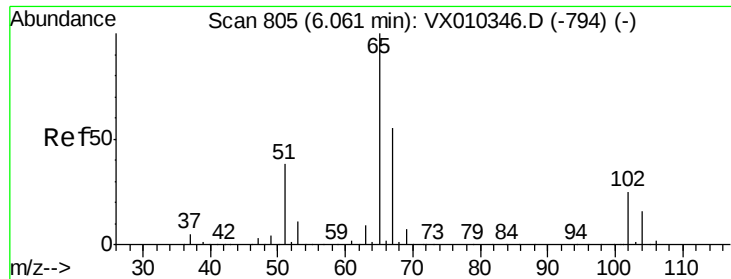


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

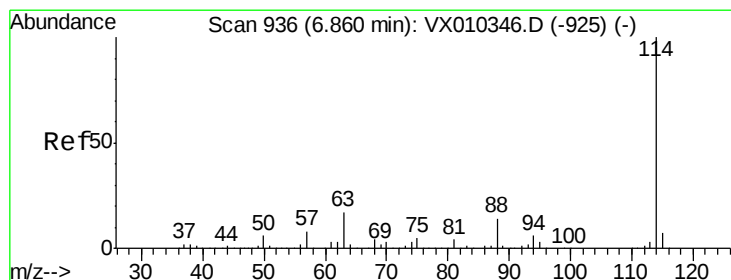
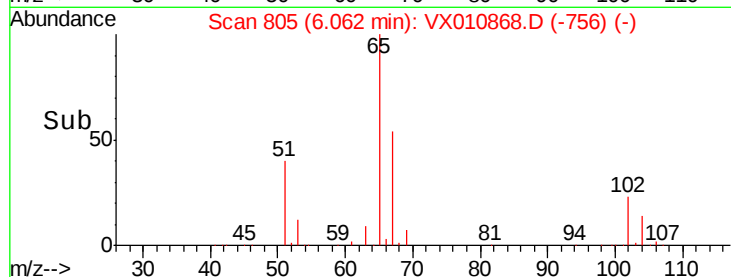
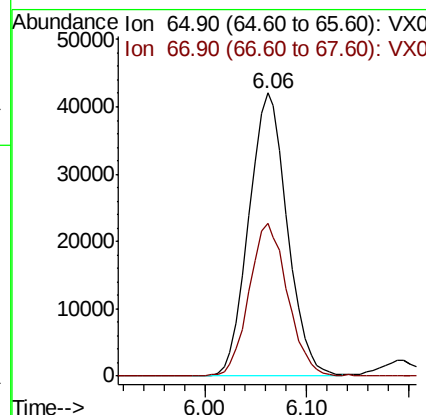
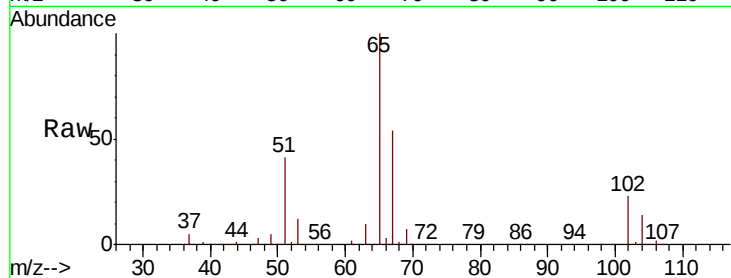




#33
 1,2-Dichloroethane-d4
 Concen: 46.014 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

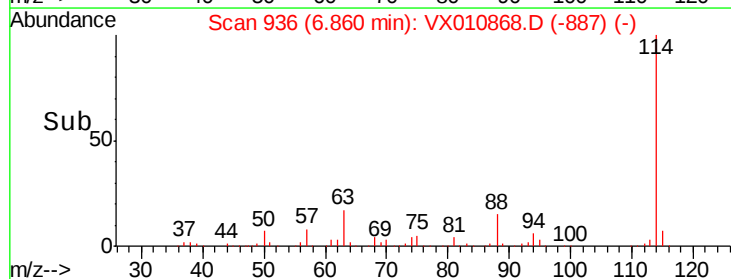
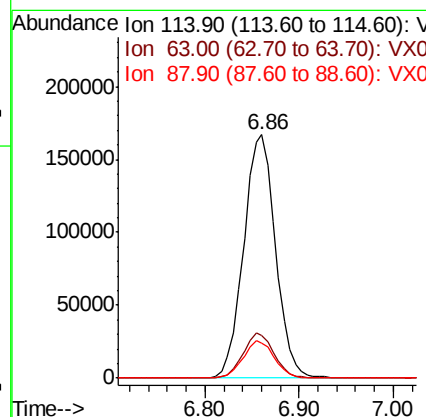
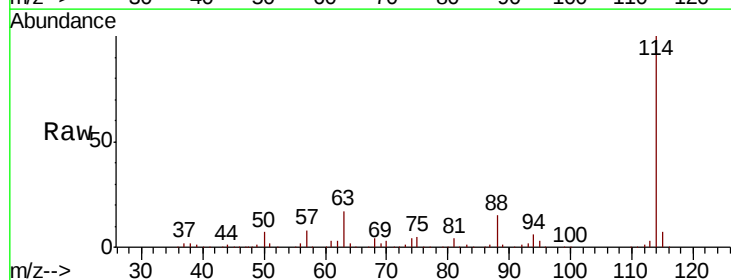
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

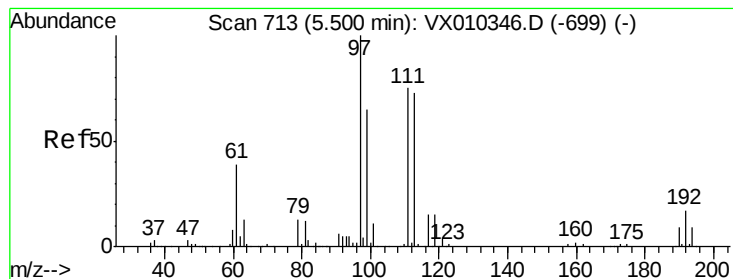
Tot Ion: 65 Resp: 110260
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 114 Resp: 393967
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 42.938 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

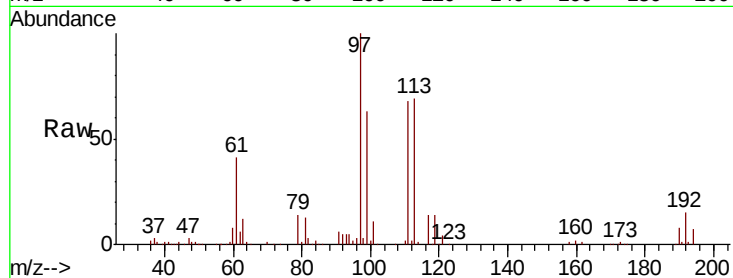
Tot Ion:113 Resp: 103499

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

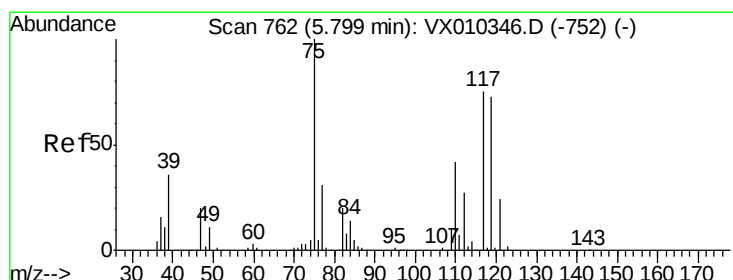
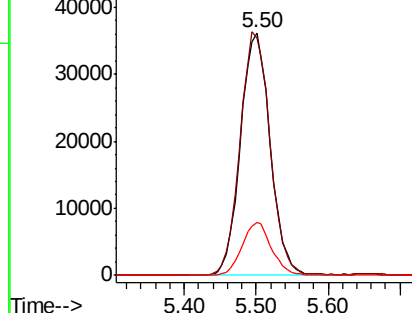
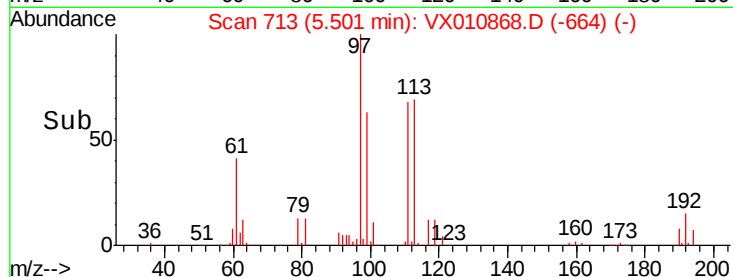
192 21.7 18.6 27.8



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: 43.117 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

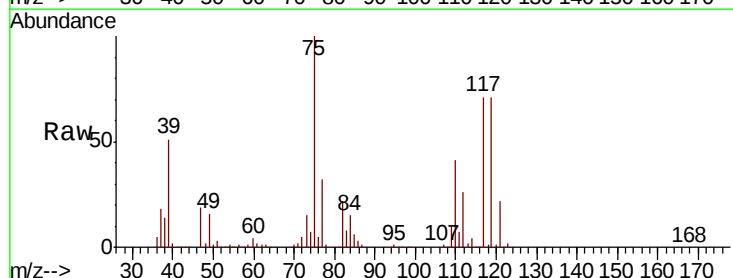
Tgt Ion: 75 Resp: 134984

Ion Ratio Lower Upper

75 100

110 40.4 20.8 62.2

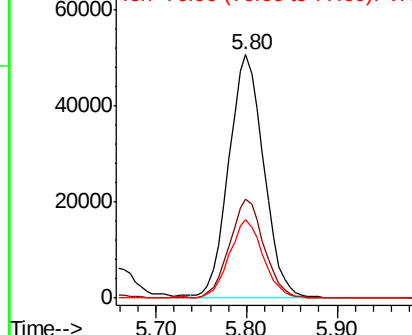
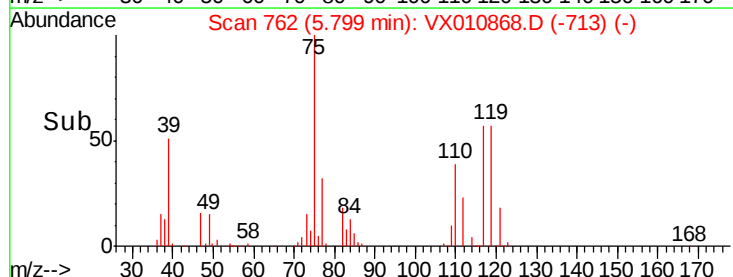
77 31.6 25.4 38.0

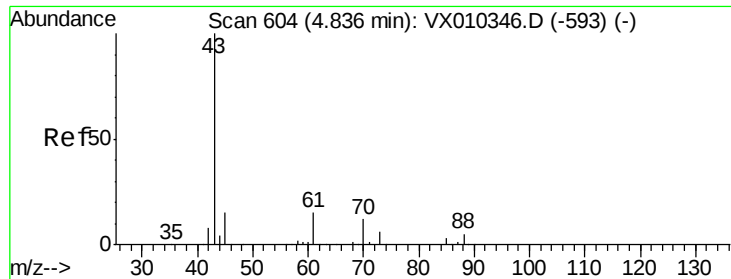


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

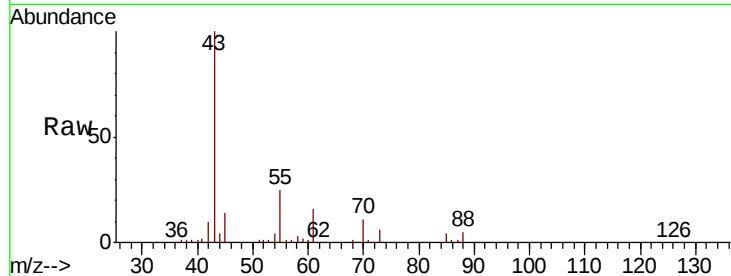




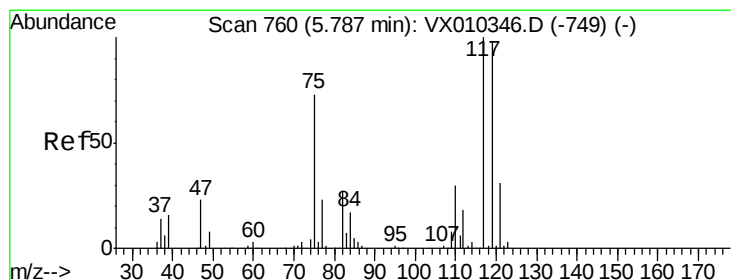
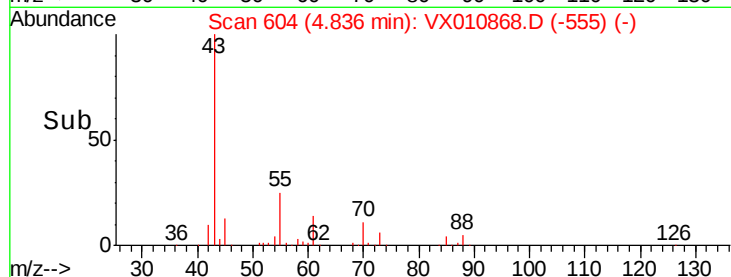
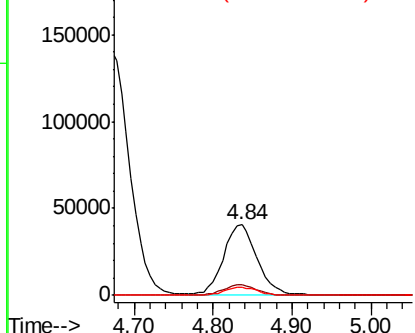
#37
Ethyl Acetate
Concen: 37.196 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 119798
Ion Ratio Lower Upper
43 100
61 15.2 12.4 18.6
70 11.6 9.8 14.8

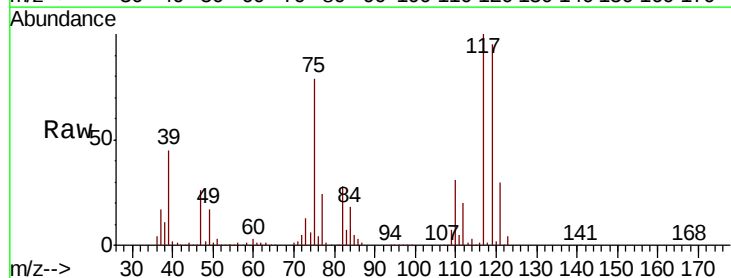


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

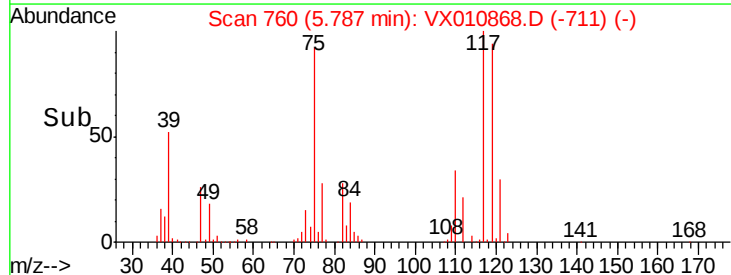
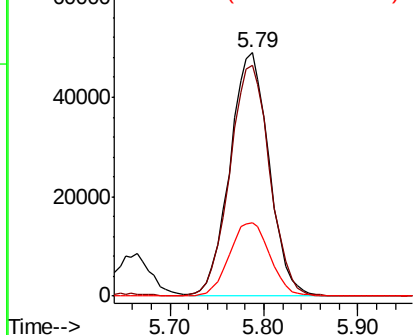


#38
Carbon Tetrachloride
Concen: 41.752 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 117 Resp: 141543
Ion Ratio Lower Upper
117 100
119 94.7 78.2 117.4
121 30.3 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

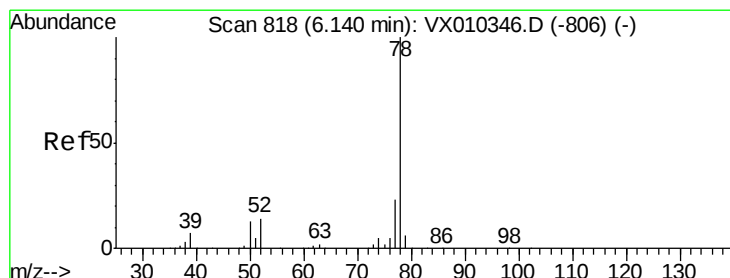
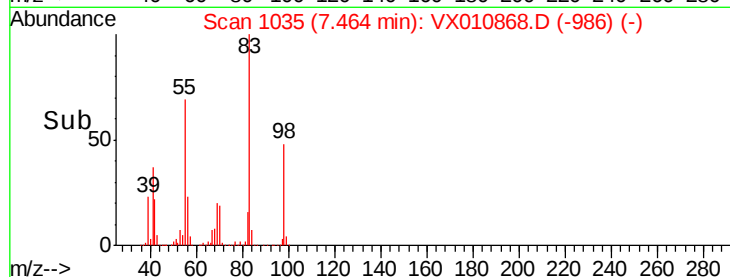
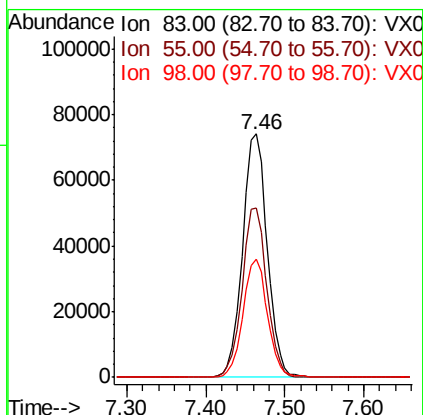
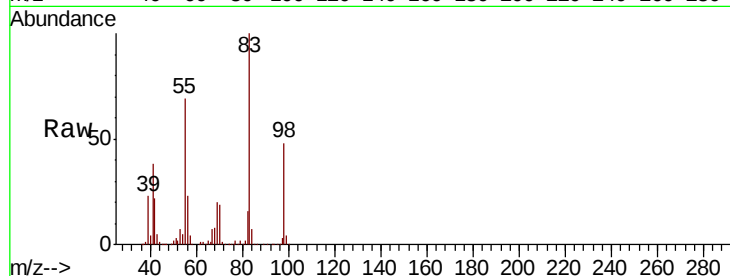




#39
Methvlcvclohexane
Concen: 39.183 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

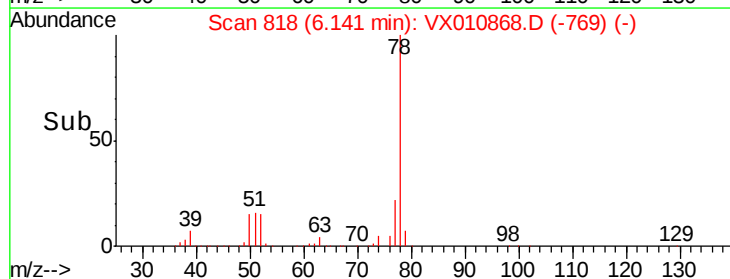
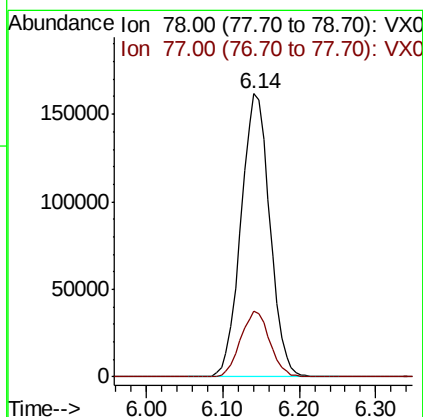
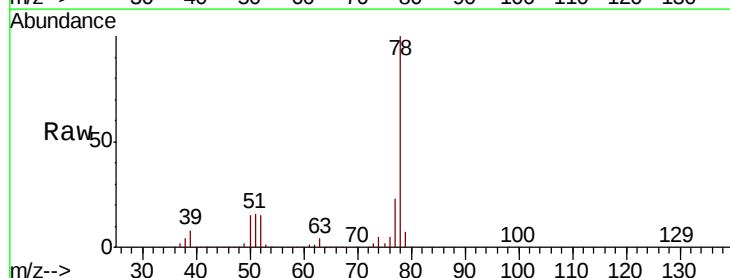
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

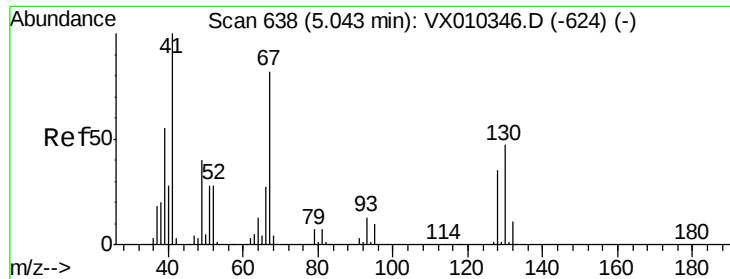
Tot Ion: 83 Resp: 161244
Ion Ratio Lower Upper
83 100
55 69.5 53.0 79.6
98 48.5 37.8 56.8



#40
Benzene
Concen: 43.507 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 78 Resp: 424345
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0





#41

Methacrylonitrile

Concen: 47.278 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 83547

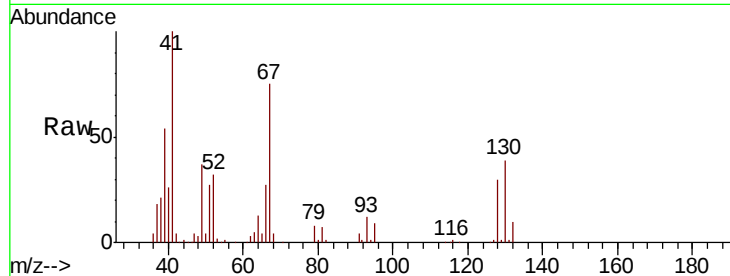
Ion Ratio Lower Upper

41 100

39 52.7 43.8 65.8

67 78.5 66.6 100.0

52 30.8 24.5 36.7

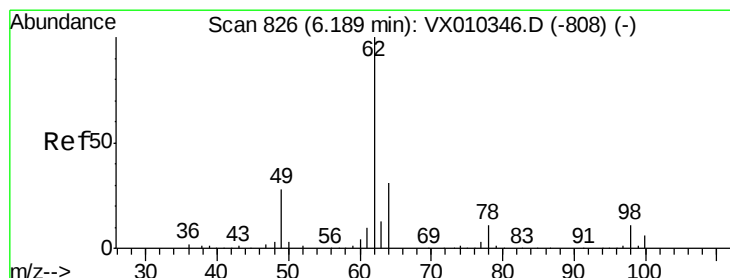
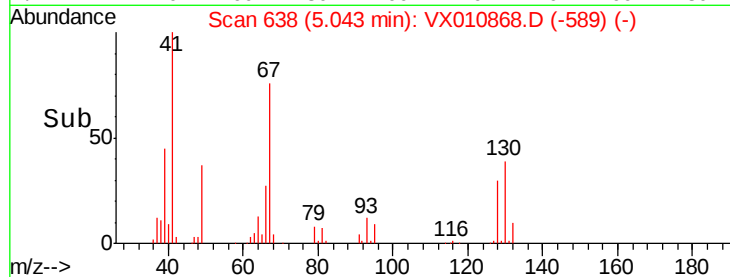
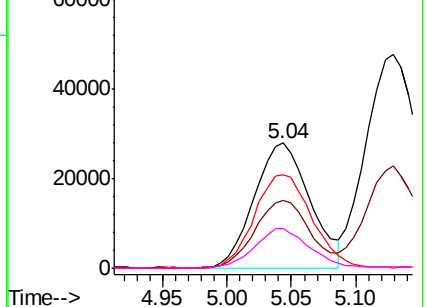


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.404 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010868.D

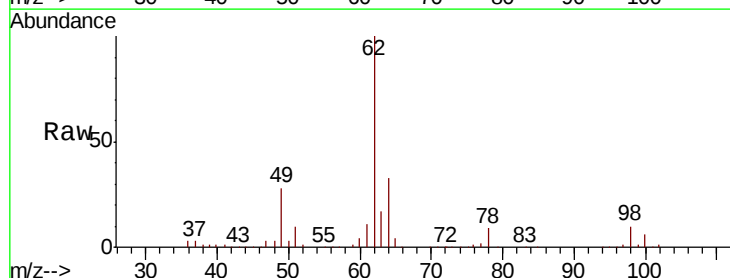
Acq: 13 Jul 2019 04:05

Tgt Ion: 62 Resp: 146679

Ion Ratio Lower Upper

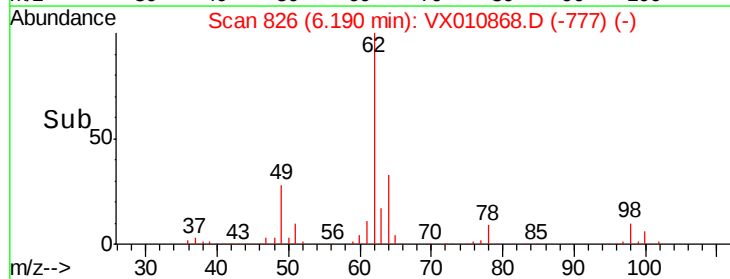
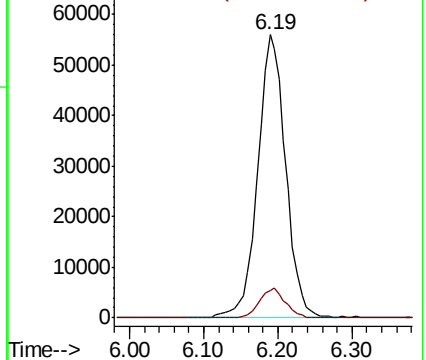
62 100

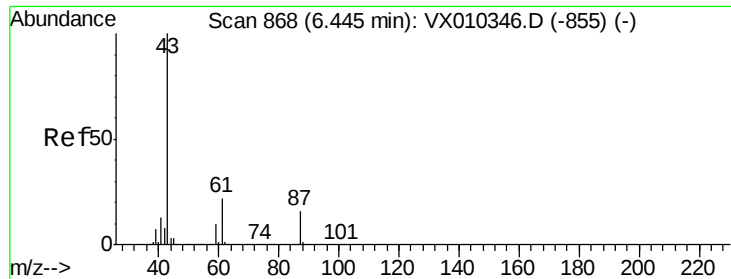
98 10.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



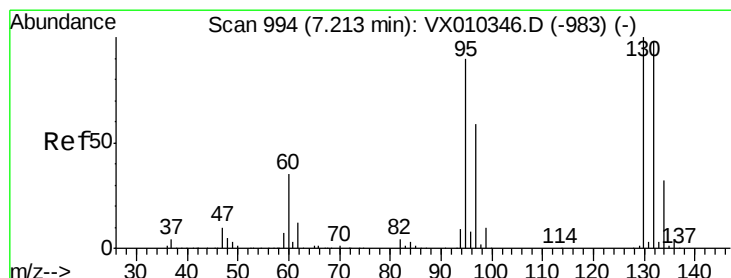
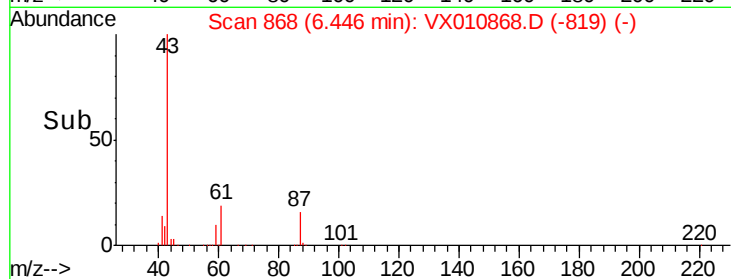
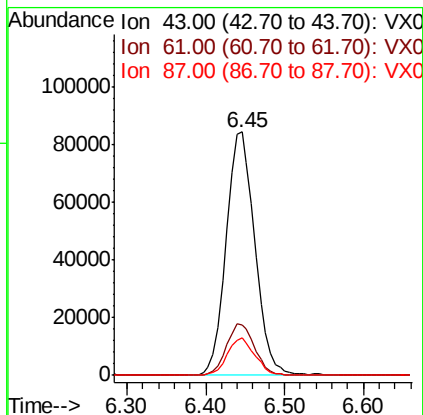
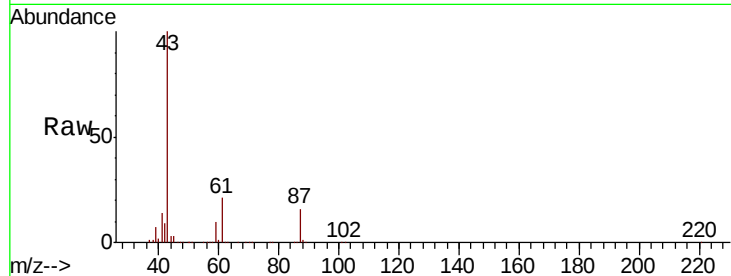


#43

Isopropyl Acetate
 Concen: 39.664 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

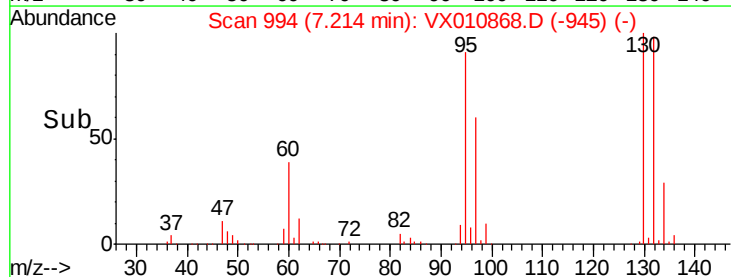
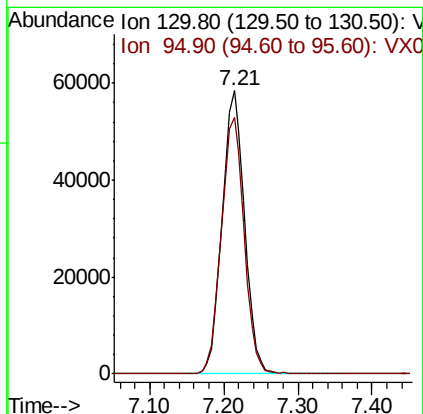
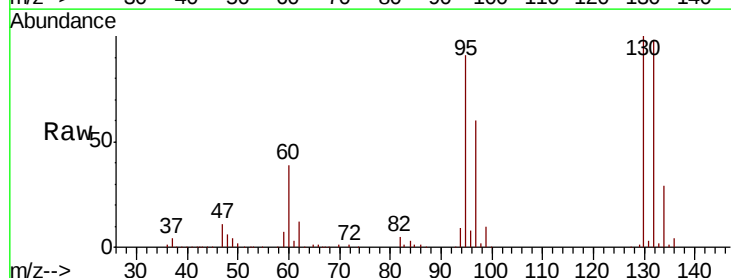
Tot Ion: 43 Resp: 211352
 Ion Ratio Lower Upper
 43 100
 61 21.3 17.8 26.6
 87 15.0 13.0 19.4

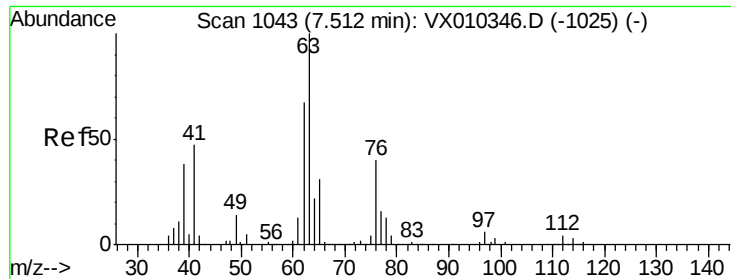


#44

Trichloroethene
 Concen: 42.036 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 130 Resp: 122682
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 180.8

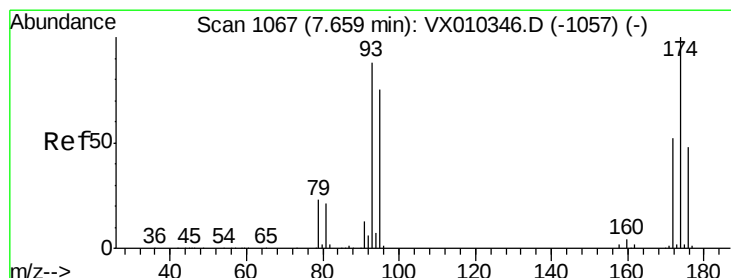
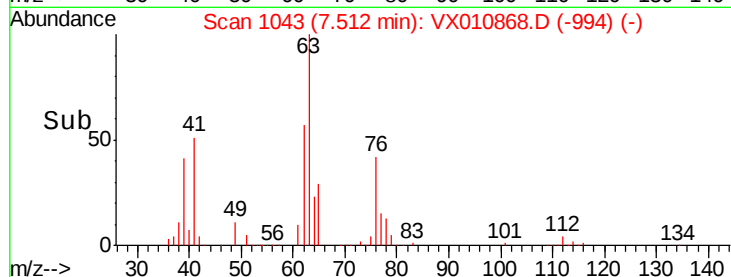
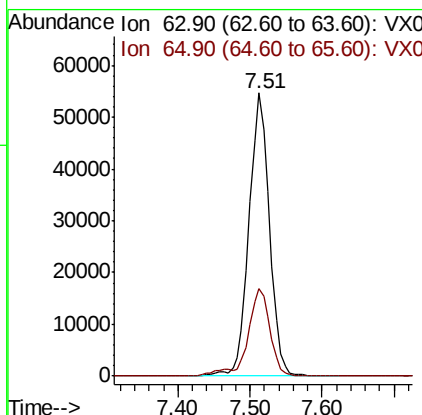
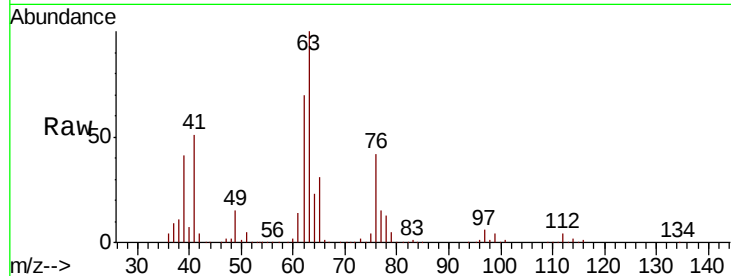




#45
 1,2-Dichloropropane
 Concen: 43.936 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

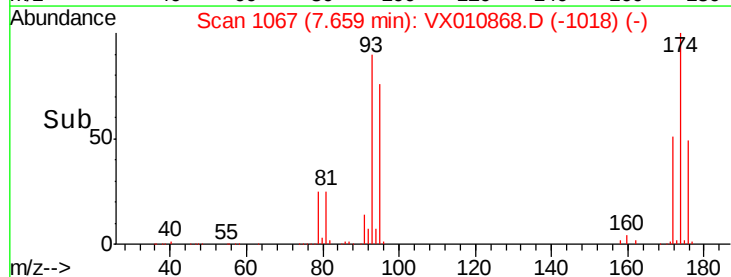
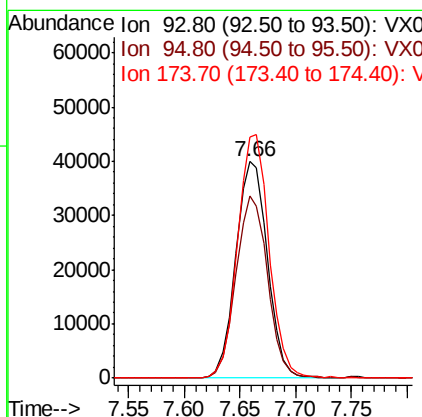
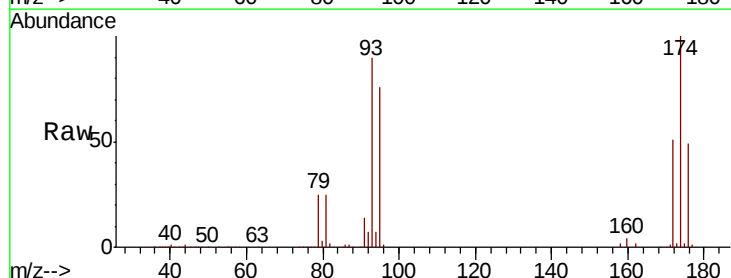
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

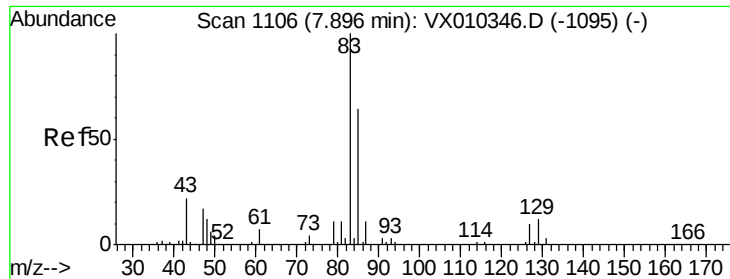
Tot Ion: 63 Resp: 108216
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 44.617 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 93 Resp: 78846
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.5 101.3
 174 112.7 95.8 143.6





#47

Bromodichloromethane

Concen: 44.117 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

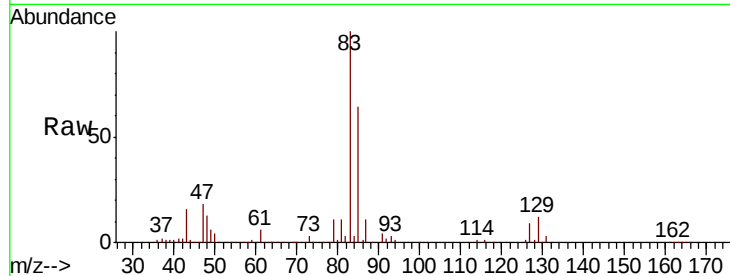
Tot Ion: 83 Resp: 142875

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

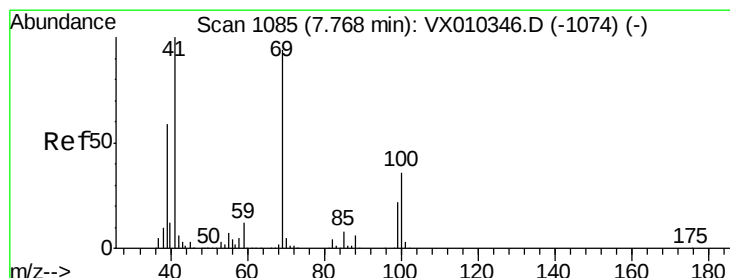
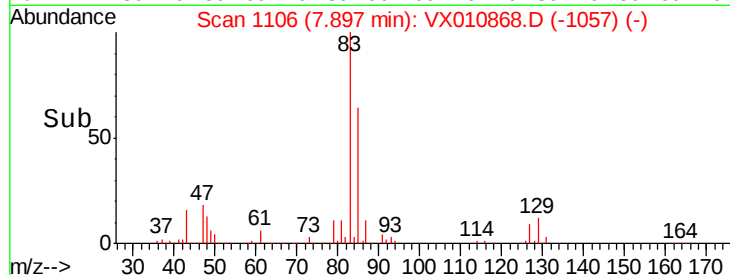
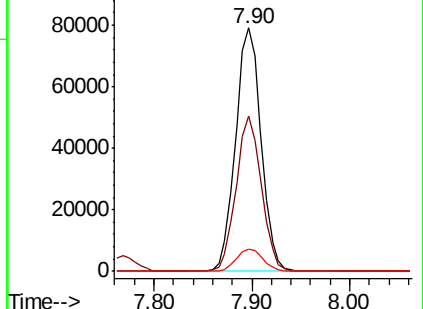
127 9.4 7.8 11.8



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: 47.807 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

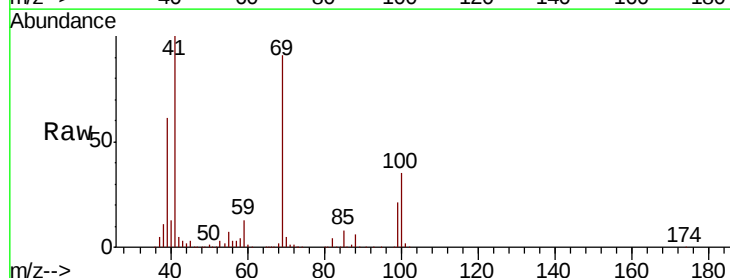
Tgt Ion: 41 Resp: 118410

Ion Ratio Lower Upper

41 100

69 89.6 76.1 114.1

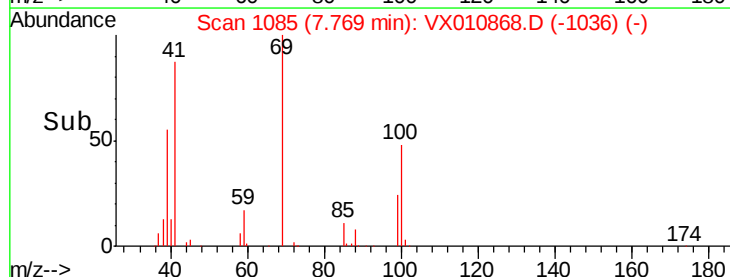
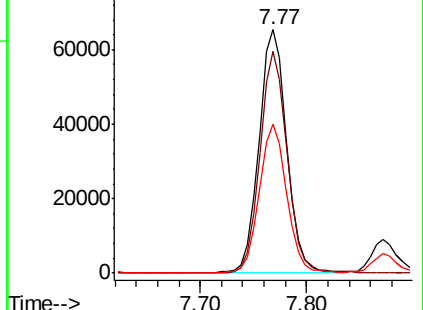
39 60.5 47.6 71.4

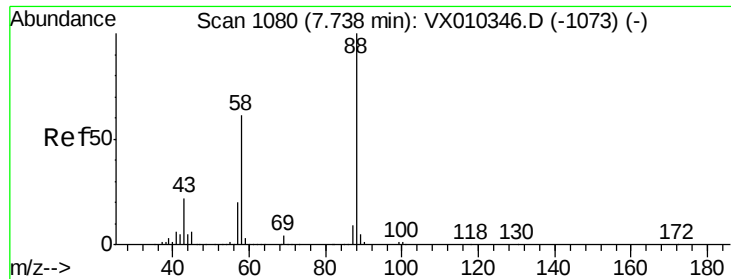


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

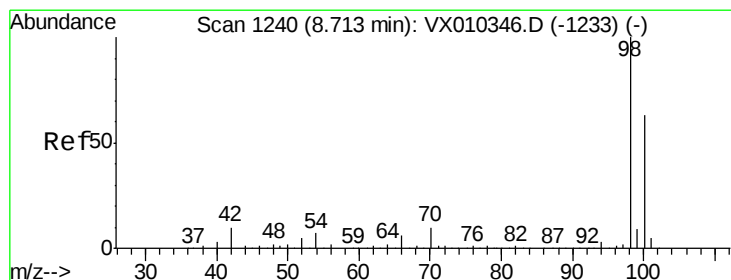
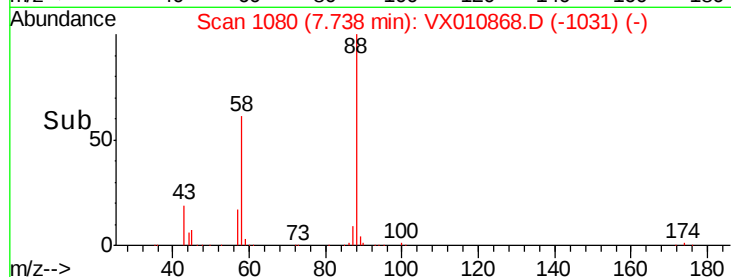
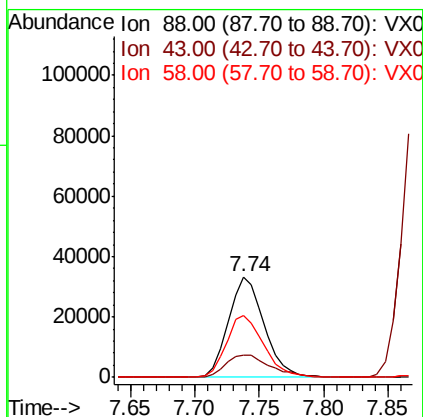
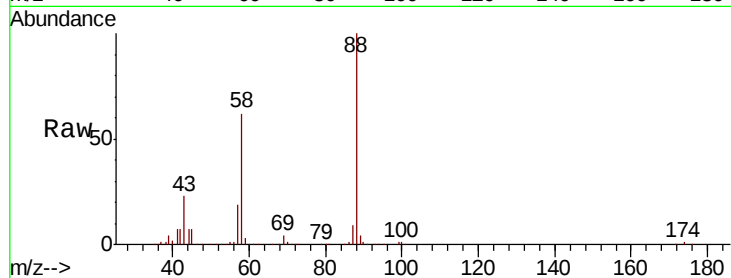




#49
1,4-Dioxane
Concen: 905.429 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

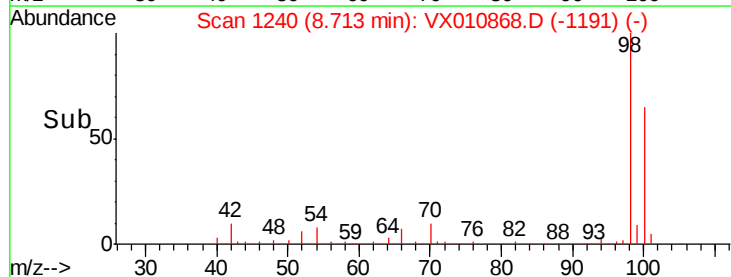
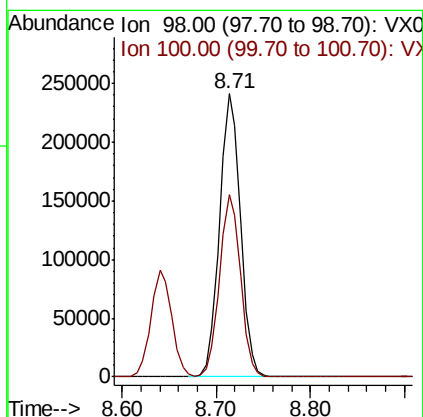
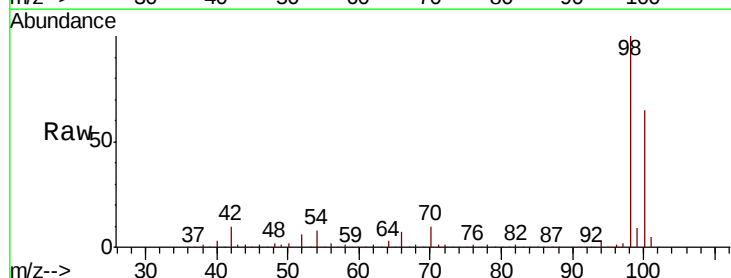
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

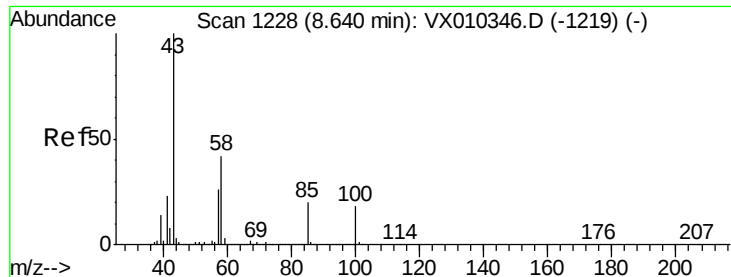
Tot Ion: 88 Resp: 64603
Ion Ratio Lower Upper
88 100
43 27.8 20.2 30.2
58 64.5 49.5 74.3



#50
Toluene-d8
Concen: 40.249 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 98 Resp: 371167
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

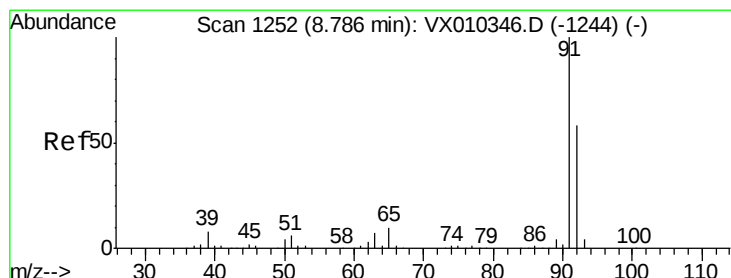
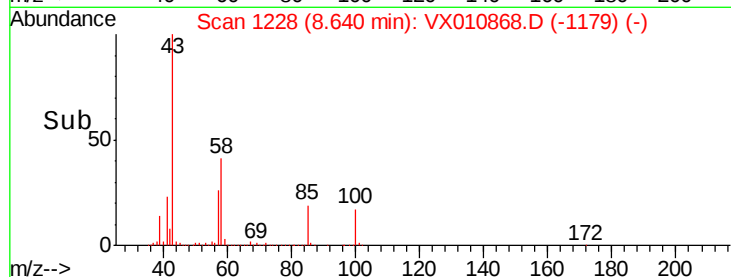
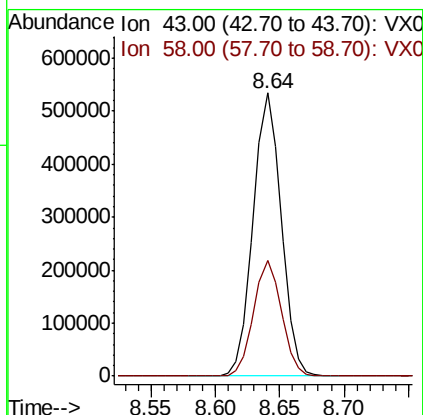
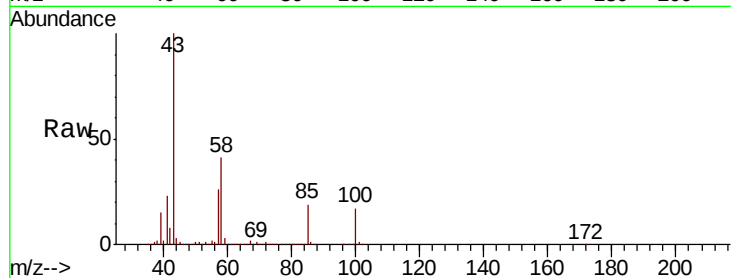




#51
 4-Methyl-2-Pentanone
 Concen: 235.872 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

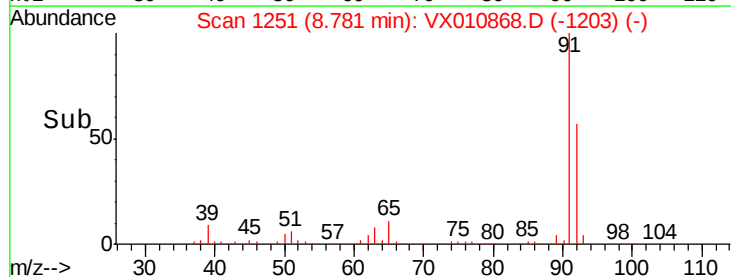
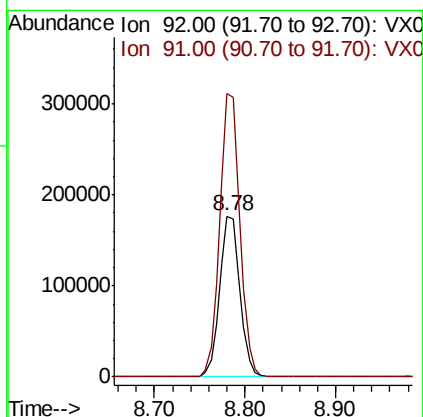
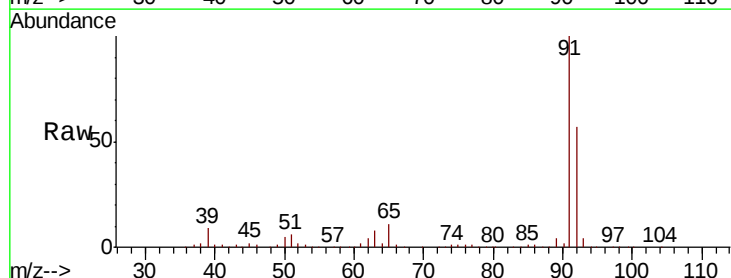
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

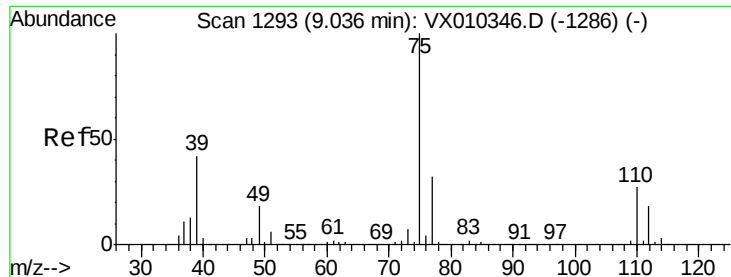
Tot Ion: 43 Resp: 803846
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.5 50.3



#52
 Toluene
 Concen: 42.735 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 92 Resp: 274489
 Ion Ratio Lower Upper
 92 100
 91 176.1 139.8 209.6

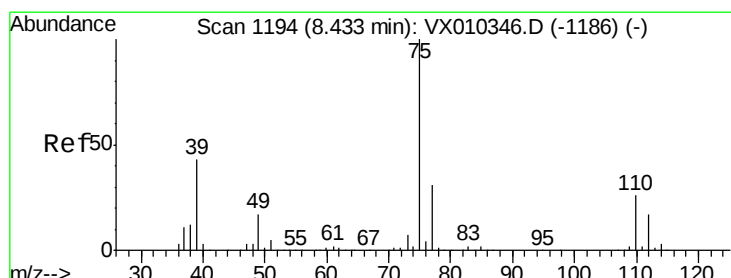
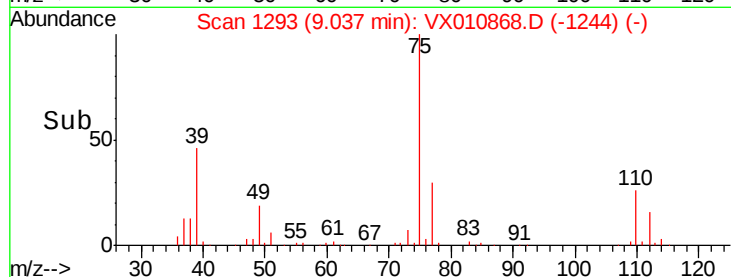
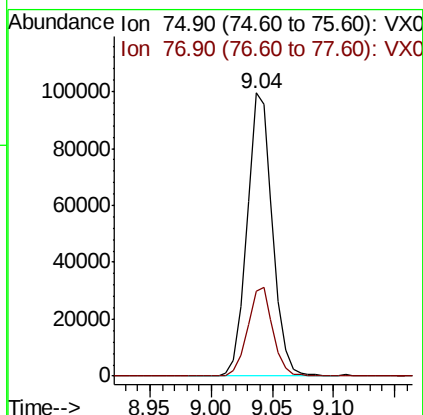
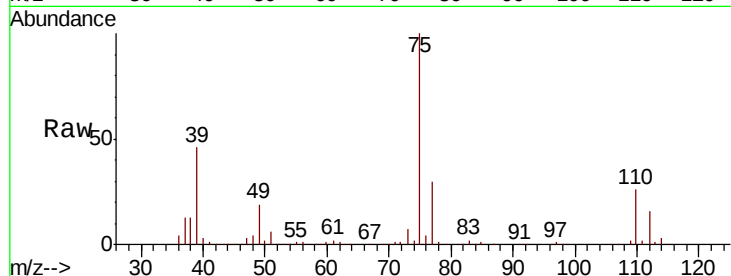




#53
 t-1,3-Dichloropropene
 Concen: 39.391 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

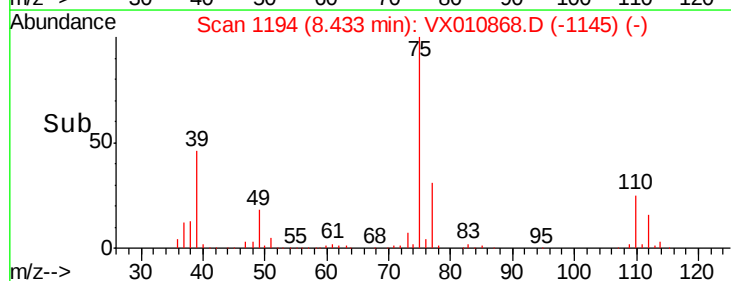
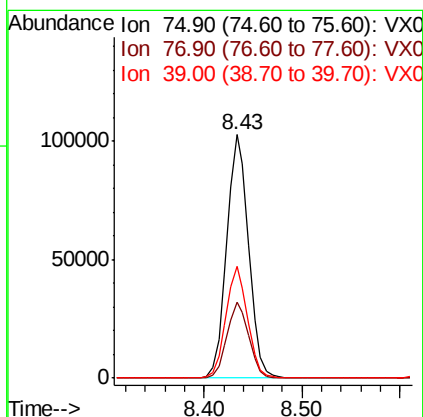
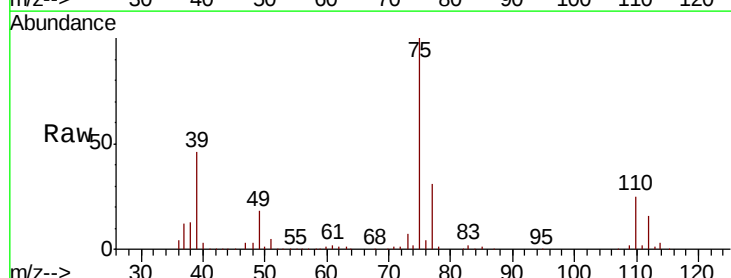
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

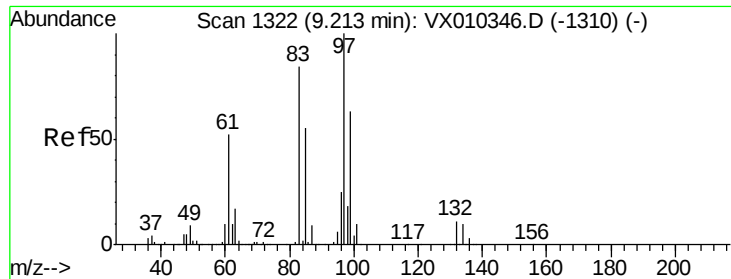
Tot Ion: 75 Resp: 143025
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 40.312 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 75 Resp: 159062
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 45.9 34.5 51.7

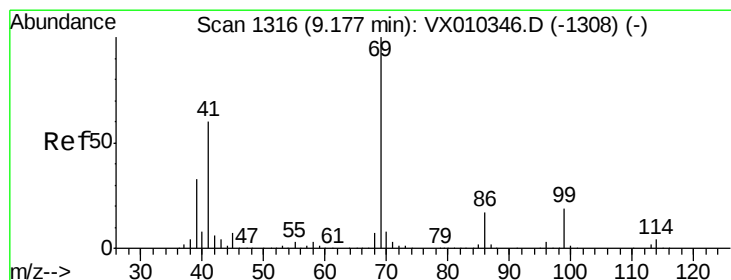
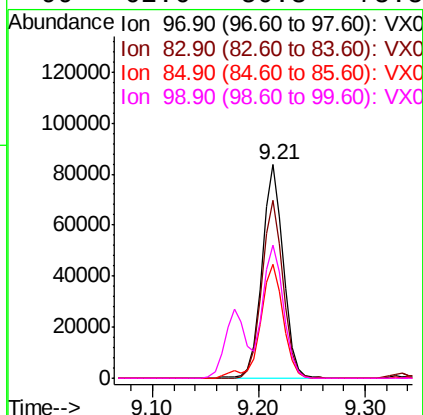
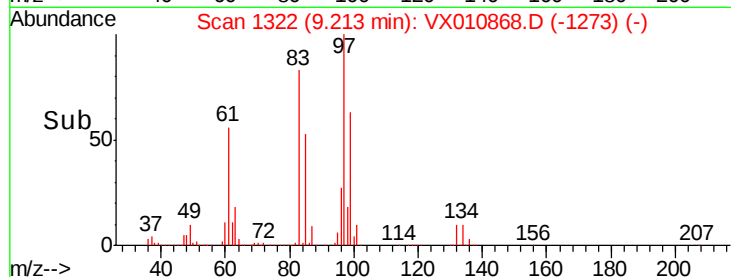
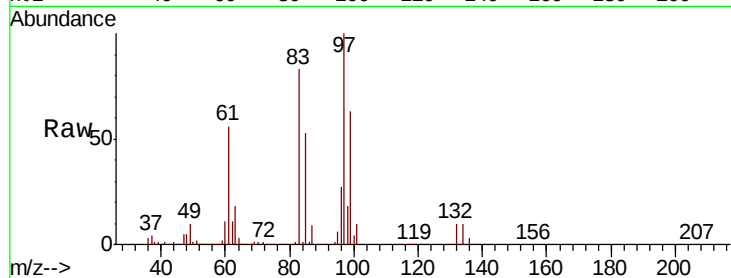




#55
 1,1,2-Trichloroethane
 Concen: 44.114 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

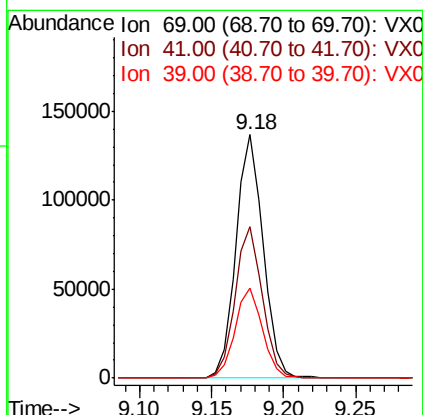
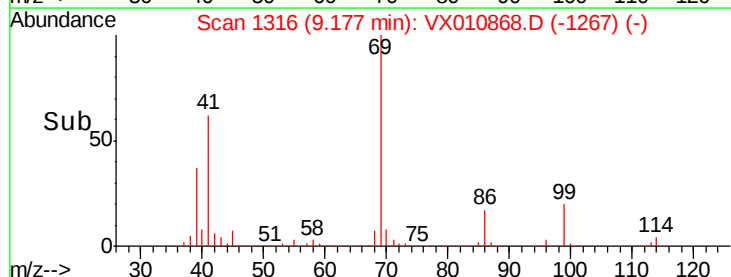
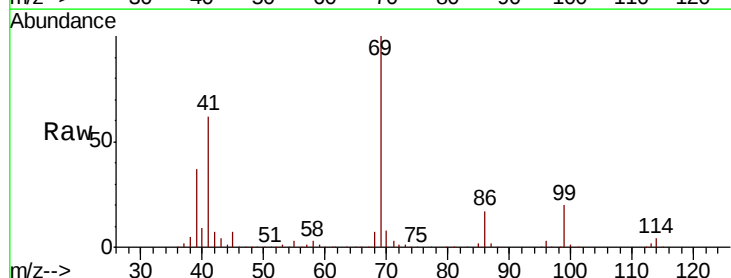
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

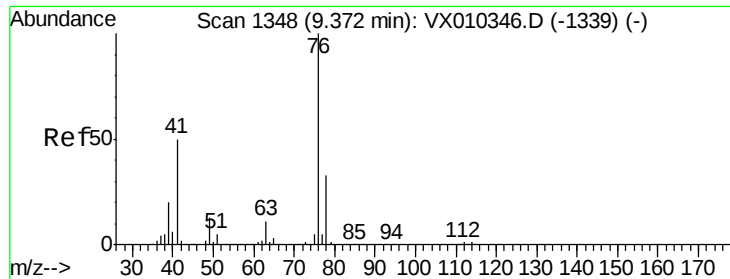
Tot Ion: 97 Resp: 116858
 Ion Ratio Lower Upper
 97 100
 83 83.3 67.4 101.0
 85 53.3 43.8 65.8
 99 62.6 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 45.048 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 69 Resp: 180772
 Ion Ratio Lower Upper
 69 100
 41 61.9 47.1 70.7
 39 36.9 26.6 40.0





#57

1,3-Dichloropropane

Concen: 45.270 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

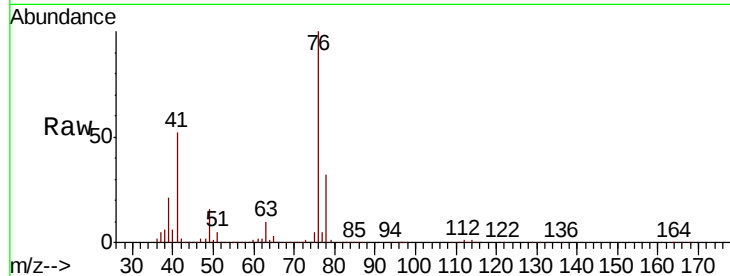
VSTDCCC050EC

Tot Ion: 76 Resp: 186154

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

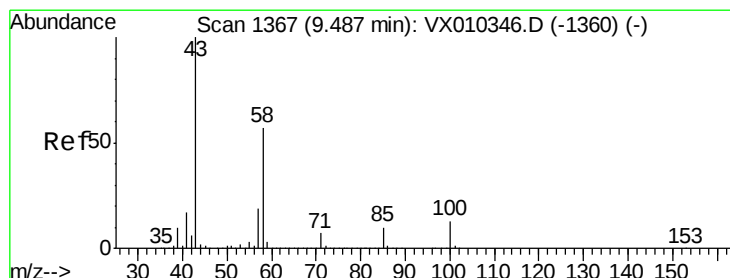
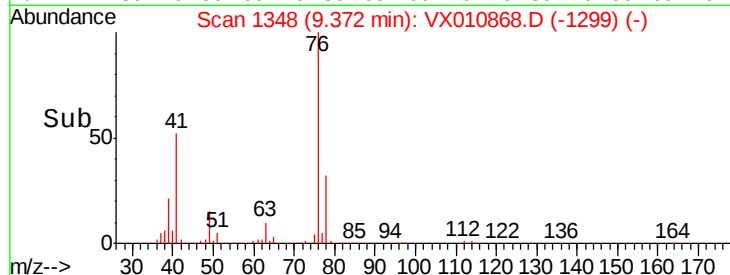
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 233.481 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010868.D

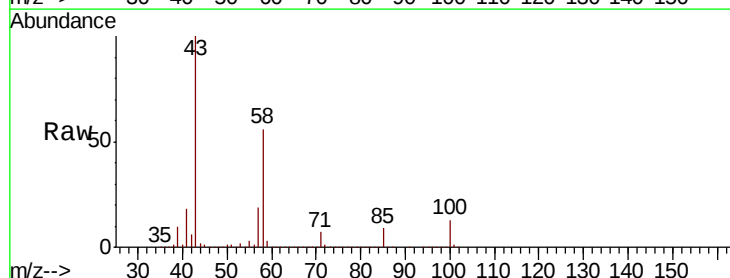
Acq: 13 Jul 2019 04:05

Tgt Ion: 43 Resp: 626243

Ion Ratio Lower Upper

43 100

58 56.3 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

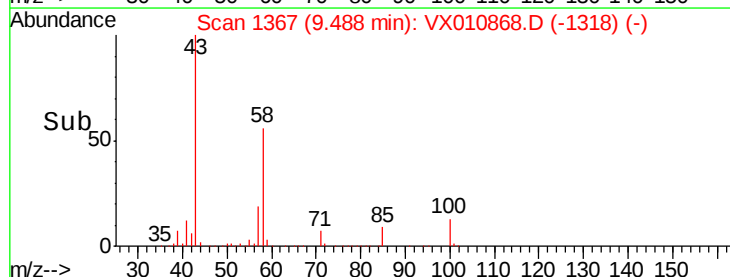
200000

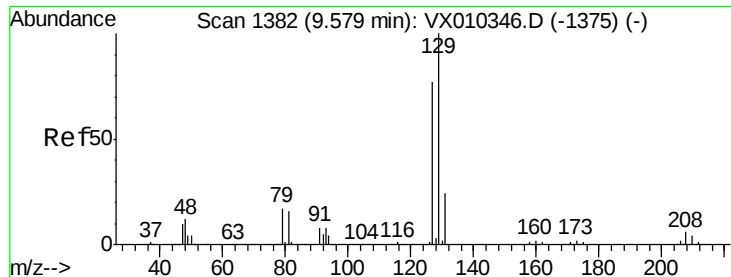
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 41.537 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

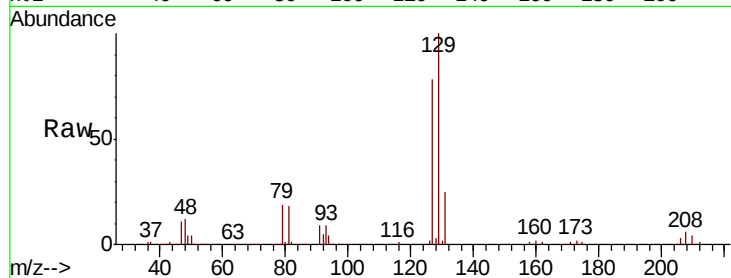
VSTDCCC050EC

Tot Ion:129 Resp: 123200

Ion Ratio Lower Upper

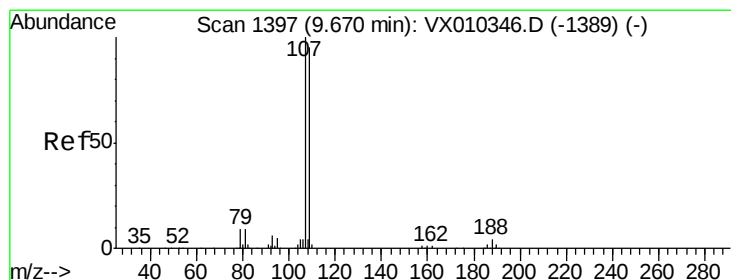
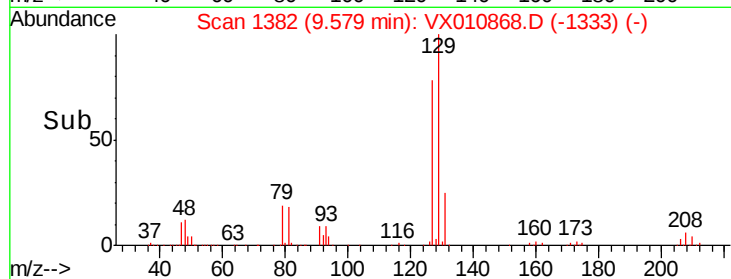
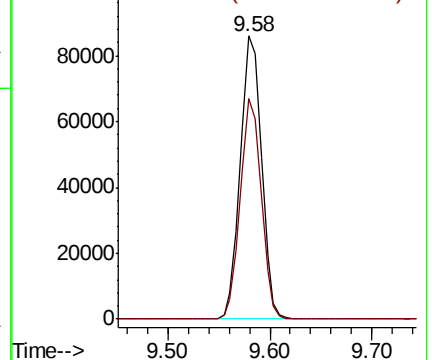
129 100

127 76.9 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 44.137 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010868.D

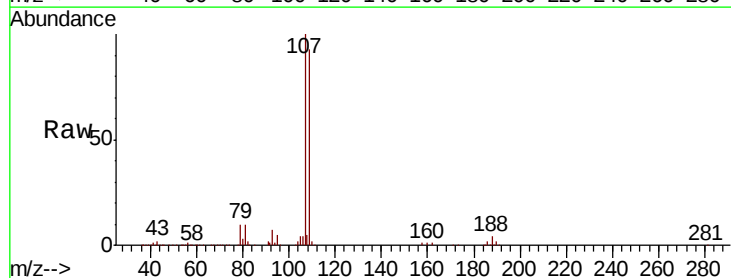
Acq: 13 Jul 2019 04:05

Tgt Ion:107 Resp: 126201

Ion Ratio Lower Upper

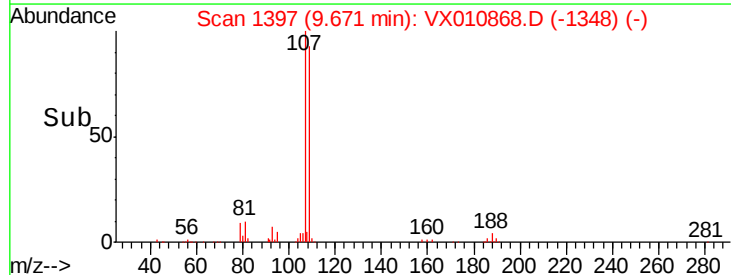
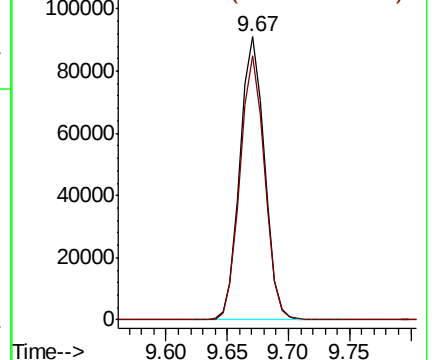
107 100

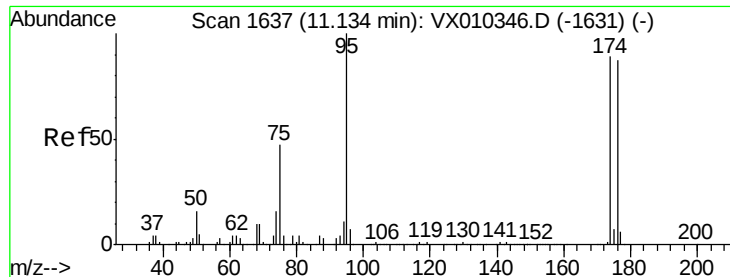
109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 43.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

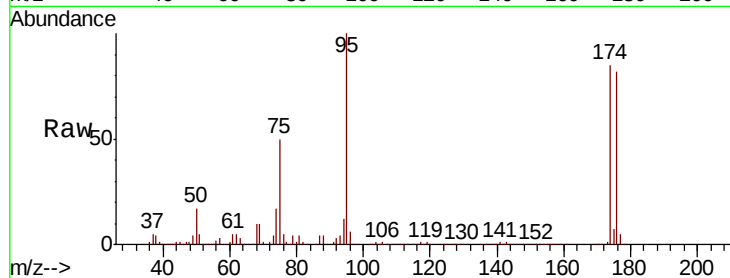
Tot Ion: 95 Resp: 143533

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

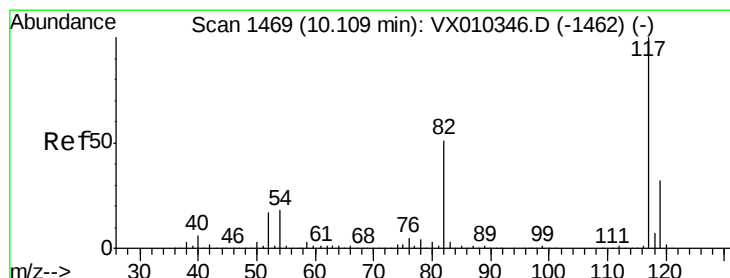
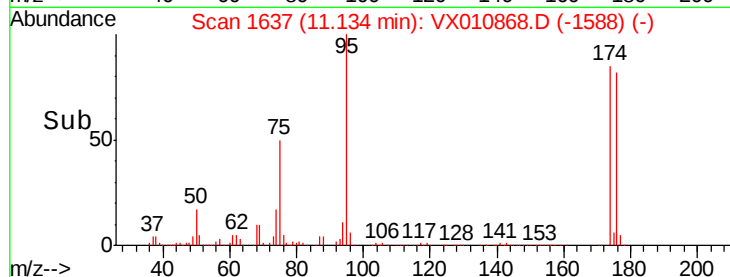
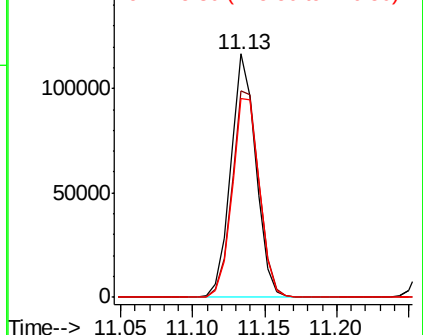
176 87.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

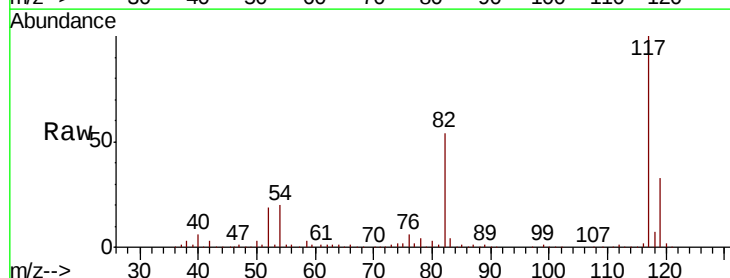
Tgt Ion: 117 Resp: 364027

Ion Ratio Lower Upper

117 100

82 54.3 41.2 61.8

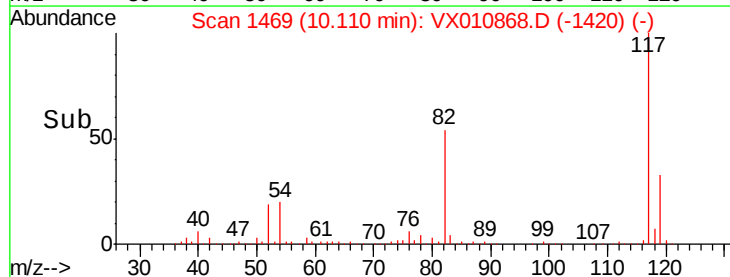
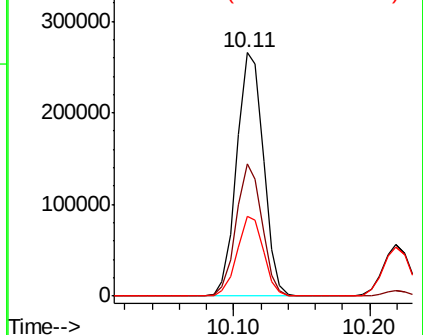
119 32.6 25.5 38.3

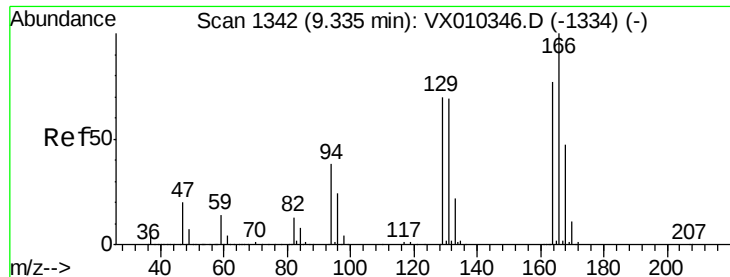


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

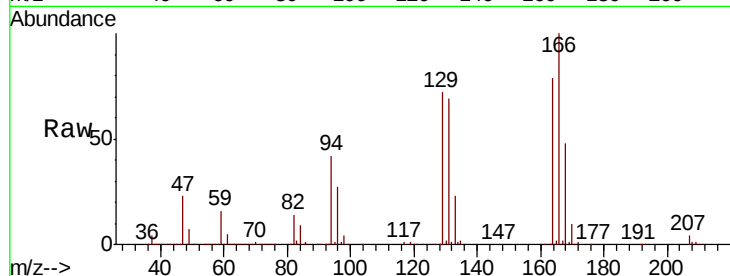




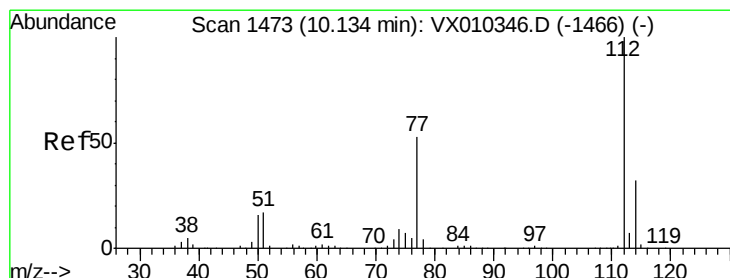
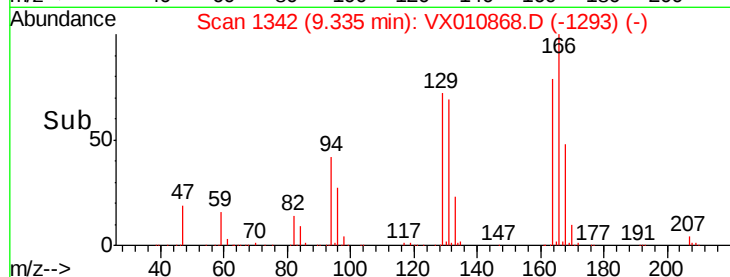
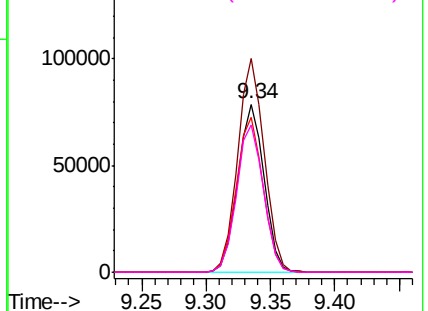
#64
Tetrachloroethene
Concen: 37.883 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:164 Resp: 111542
Ion Ratio Lower Upper
164 100
166 127.1 103.6 155.4
129 91.9 73.0 109.4
131 88.0 71.0 106.4

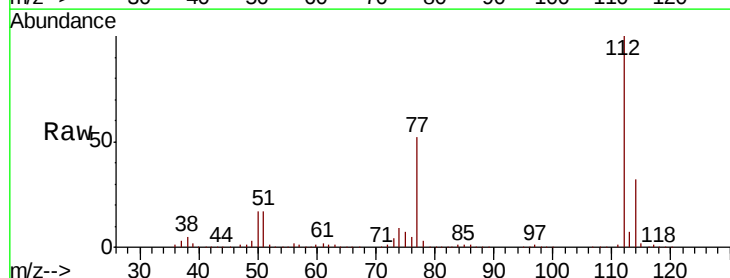


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

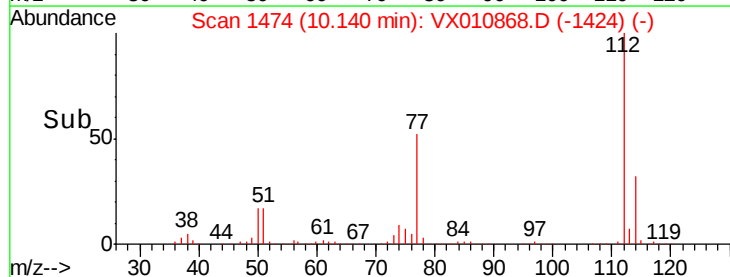
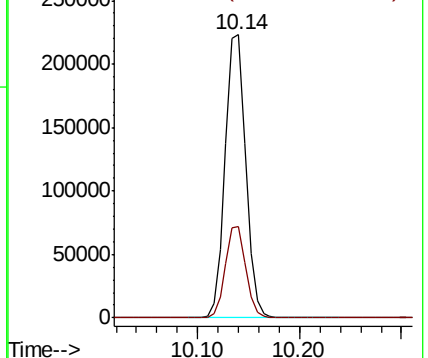


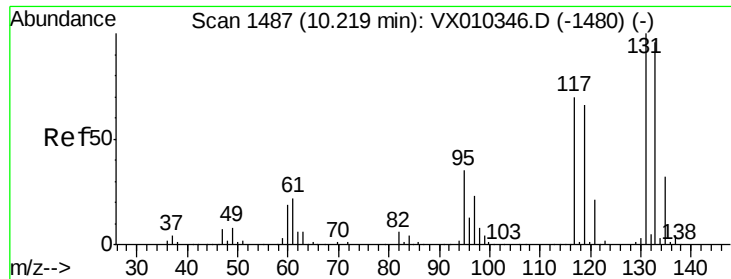
#65
Chlorobenzene
Concen: 42.372 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion:112 Resp: 313147
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 42.578 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

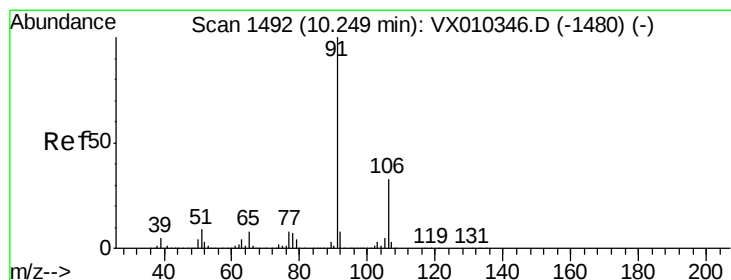
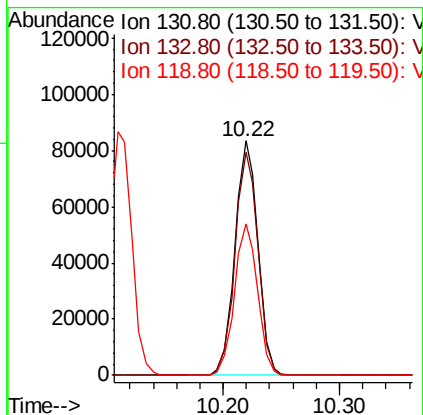
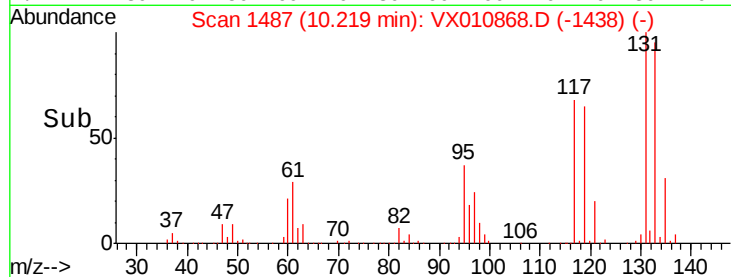
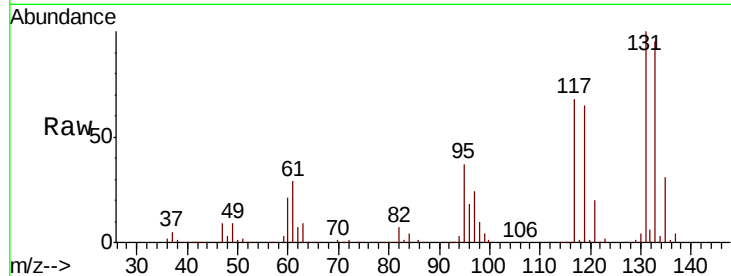
Tot Ion:131 Resp: 114620

Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 65.0 32.6 97.7



#67

Ethyl Benzene

Concen: 43.704 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010868.D

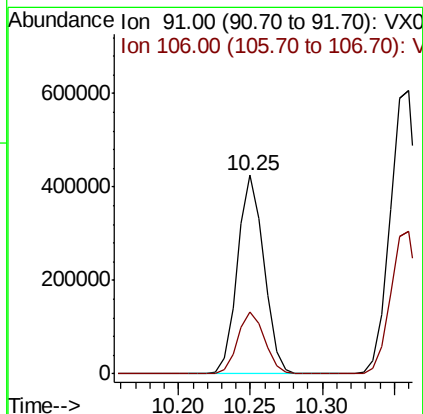
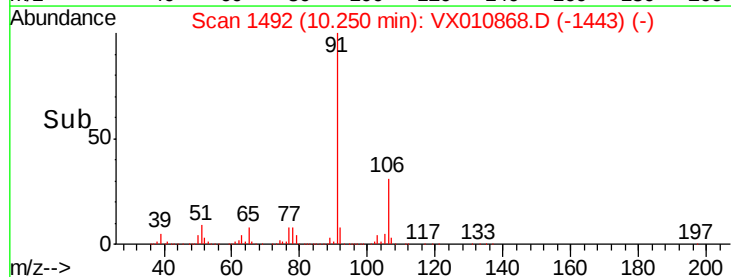
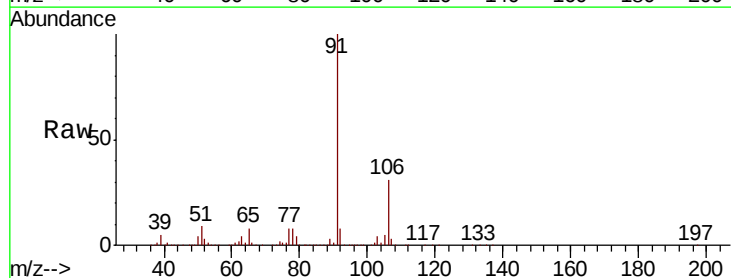
Acq: 13 Jul 2019 04:05

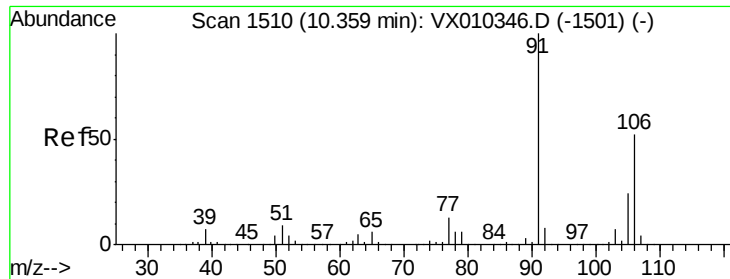
Tgt Ion: 91 Resp: 545280

Ion Ratio Lower Upper

91 100

106 31.3 26.2 39.2

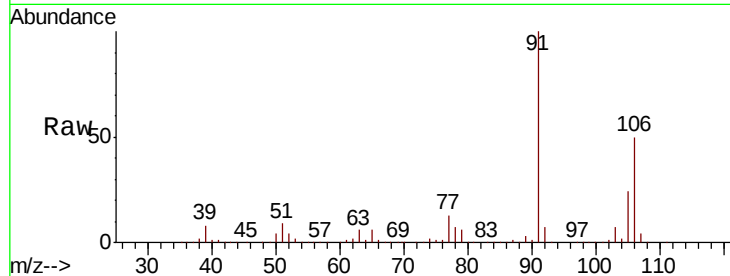




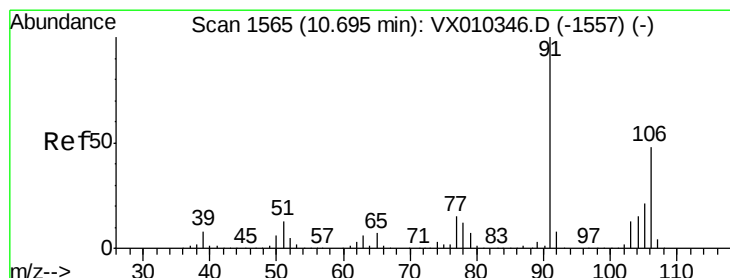
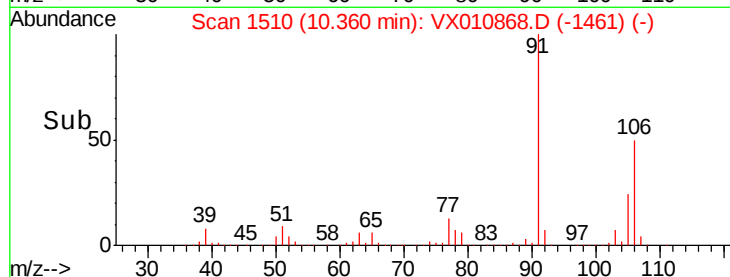
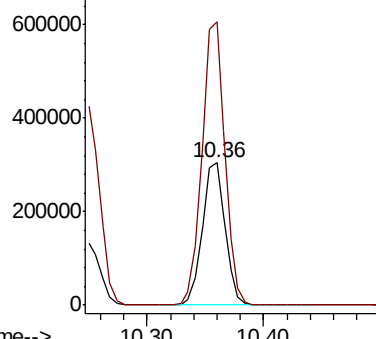
#68
m/p-Xvlenes
Concen: 85.894 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 415248
Ion Ratio Lower Upper
106 100
91 199.9 155.3 232.9

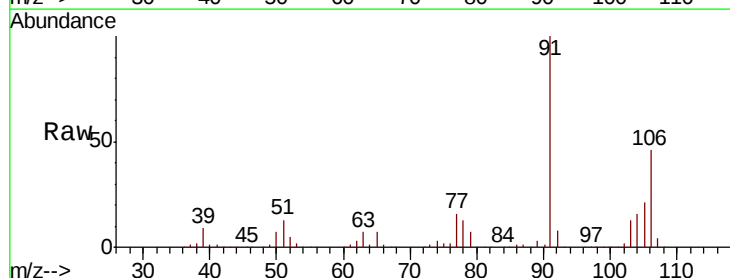


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

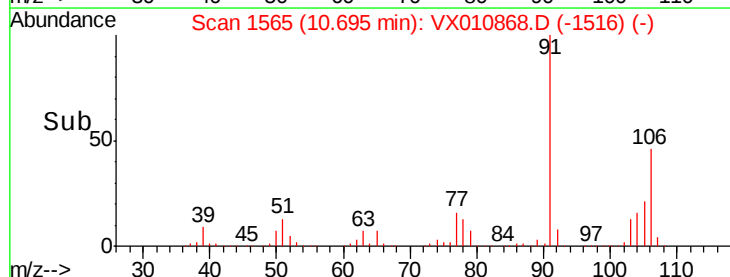
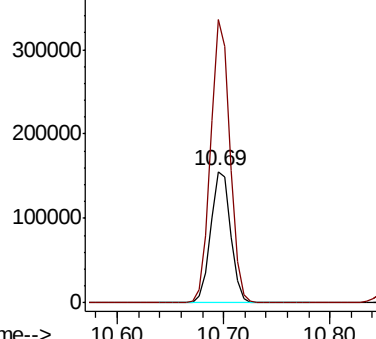


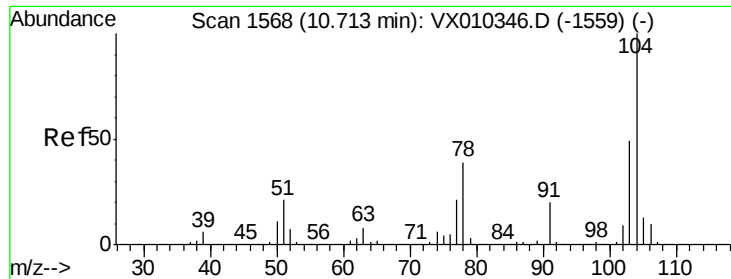
#69
o-Xylene
Concen: 43.370 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion:106 Resp: 206189
Ion Ratio Lower Upper
106 100
91 208.1 102.7 308.1



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

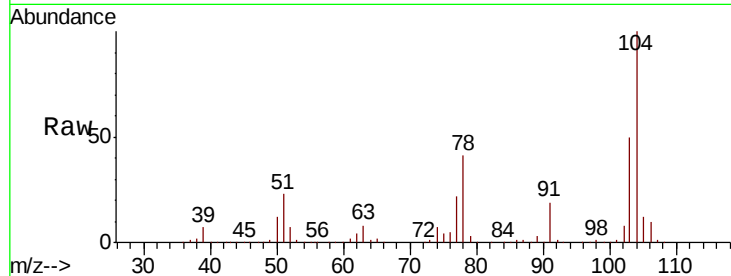




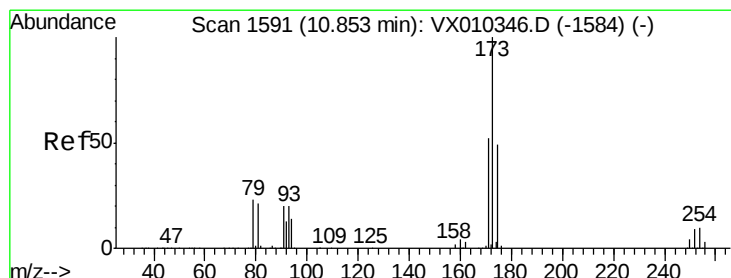
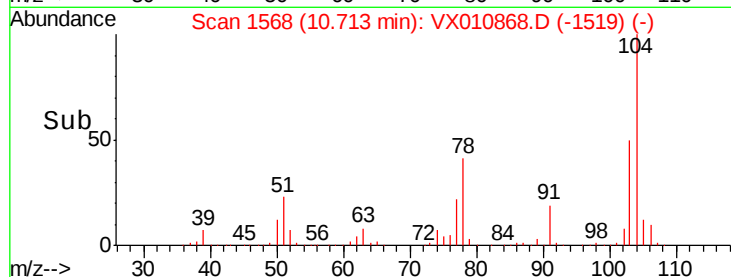
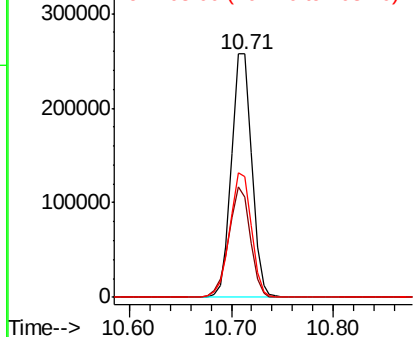
#70
Stvrene
Concen: 44.111 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:104 Resp: 351698
Ion Ratio Lower Upper
104 100
78 48.1 36.2 54.2
103 54.7 44.2 66.4

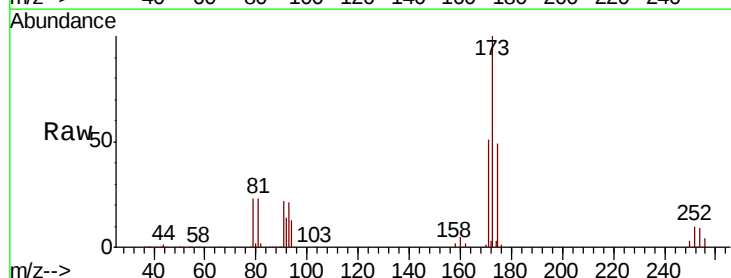


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

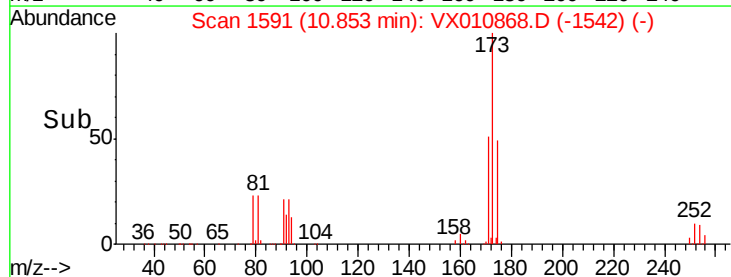
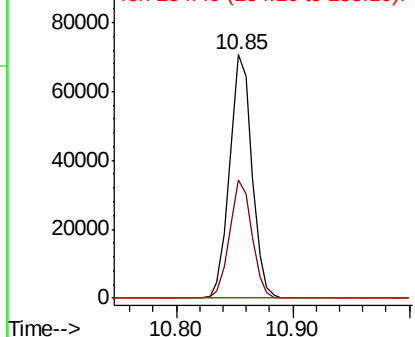


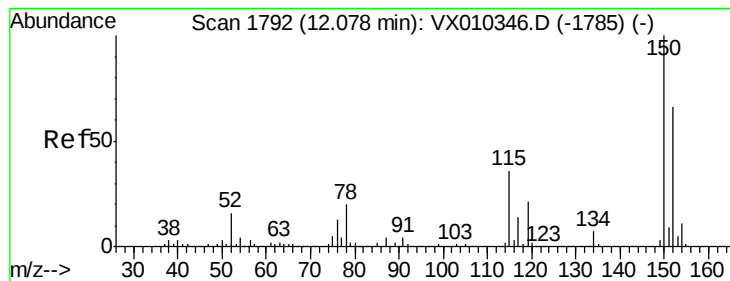
#71
Bromoform
Concen: 40.282 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion:173 Resp: 94301
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

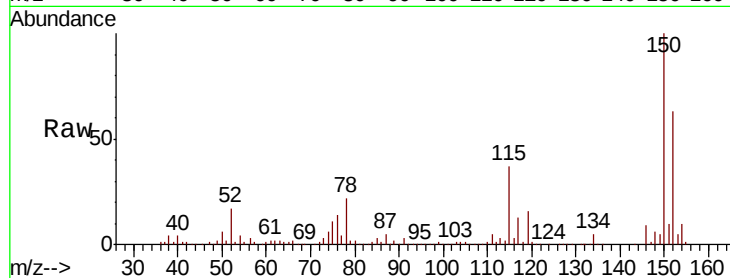
Tot Ion:152 Resp: 188358

Ion Ratio Lower Upper

152 100

115 77.5 38.6 115.7

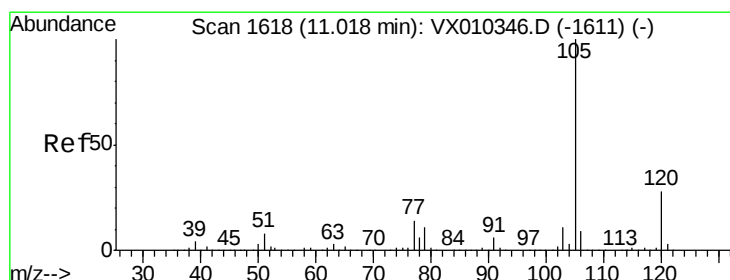
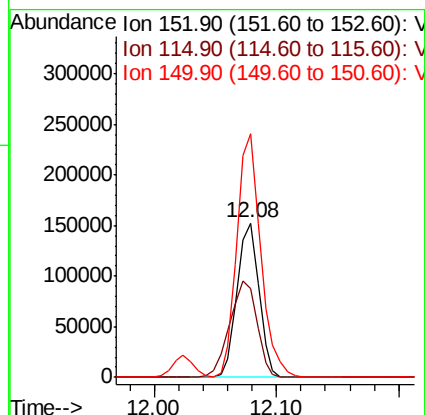
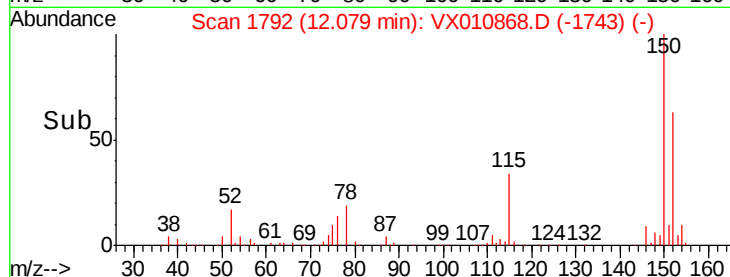
150 171.2 0.0 347.4



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: 42.814 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010868.D

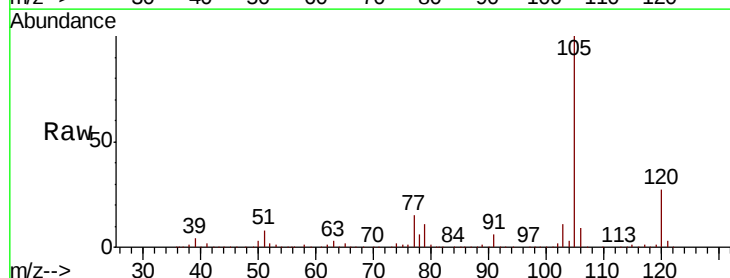
Acq: 13 Jul 2019 04:05

Tgt Ion:105 Resp: 546667

Ion Ratio Lower Upper

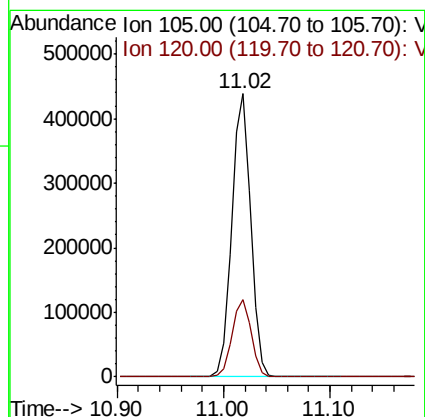
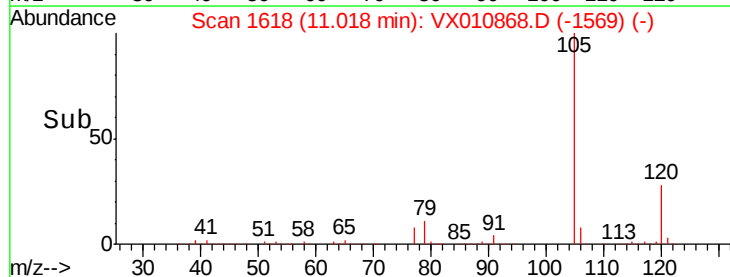
105 100

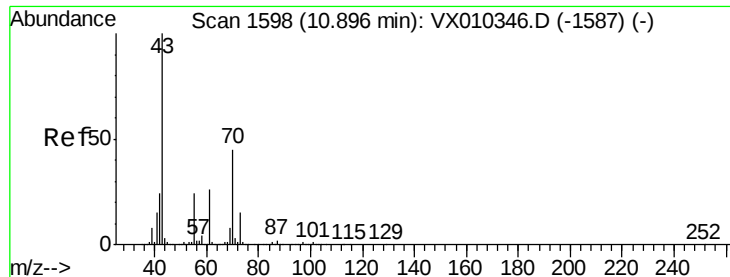
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 36.507 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 176160

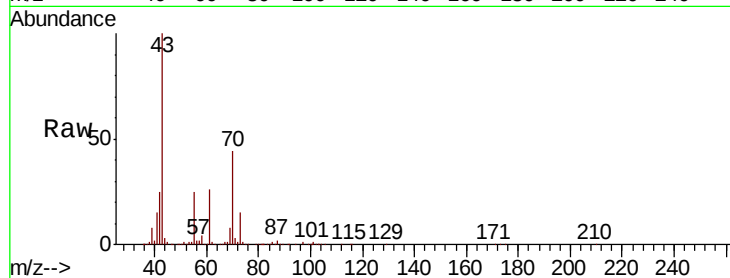
Ion Ratio Lower Upper

43 100

70 43.6 36.6 54.8

55 24.1 18.7 28.1

61 24.9 20.6 31.0



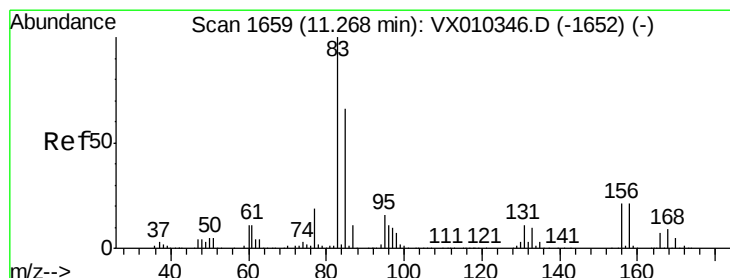
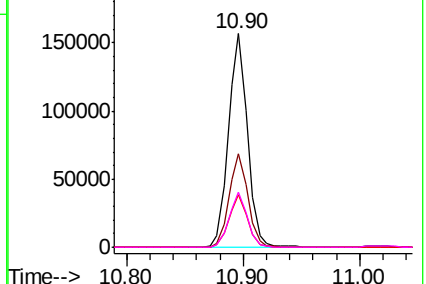
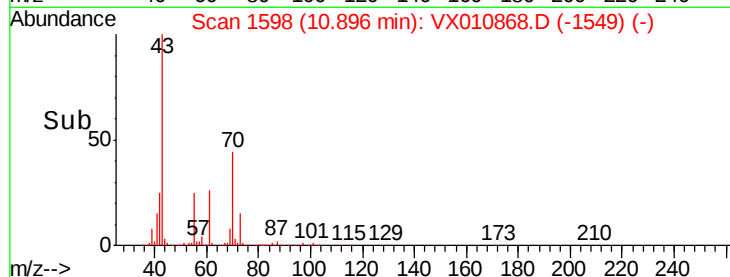
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 43.649 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

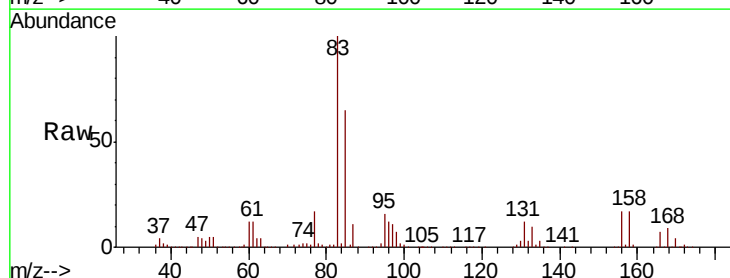
Tgt Ion: 83 Resp: 184571

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

85 64.2 32.3 96.8

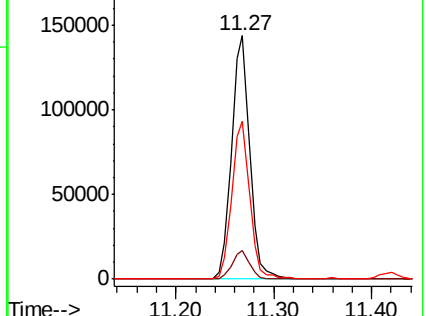
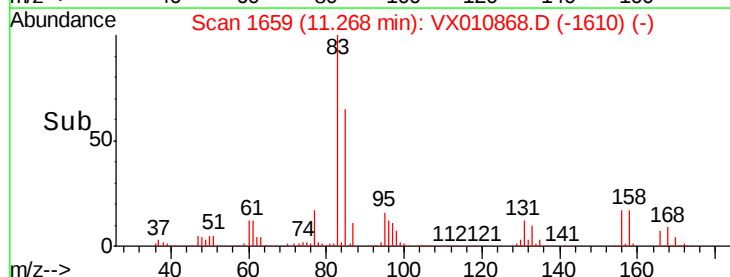


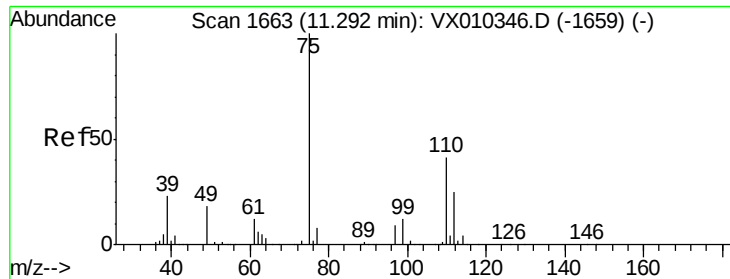
Abundance

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

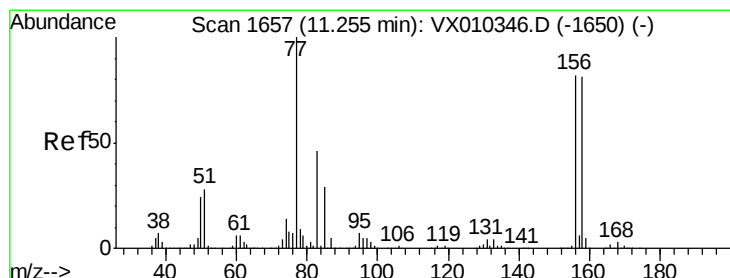
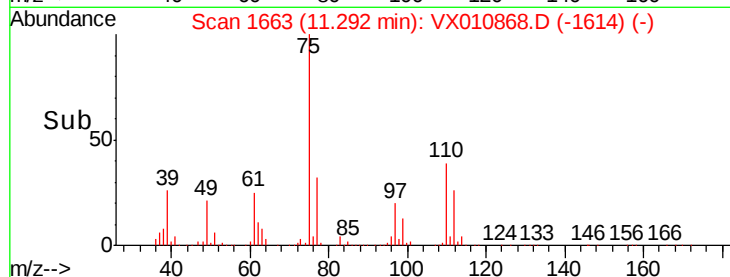
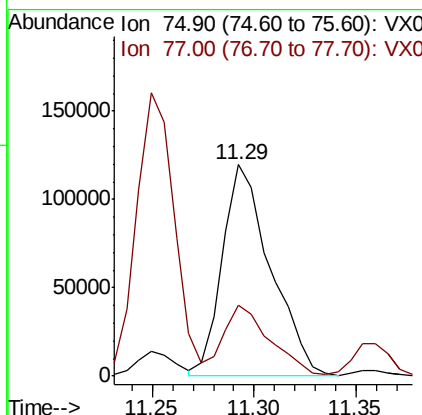
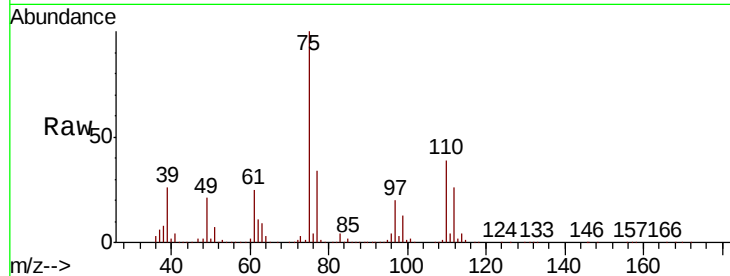




#76
 1,2,3-Trichloropropane
 Concen: 57.317 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

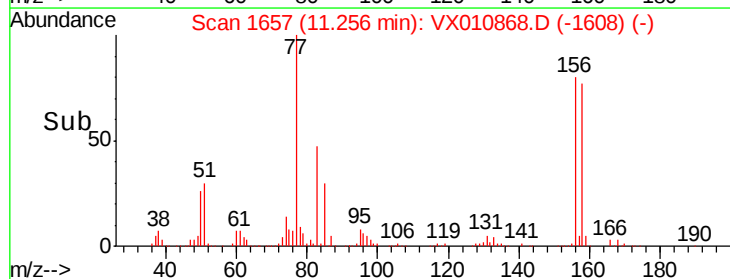
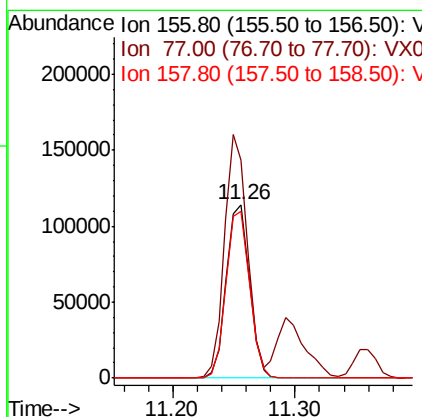
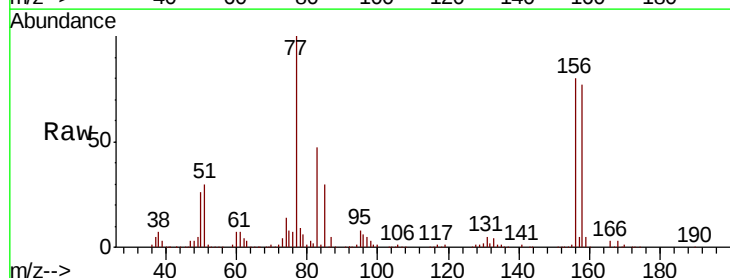
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

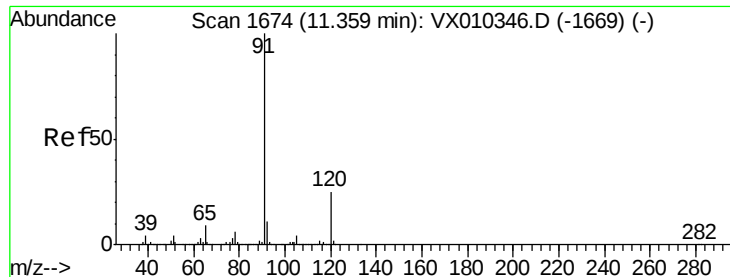
Tot Ion: 75 Resp: 196734
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.6 67.8



#77
 Bromobenzene
 Concen: 42.142 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 156 Resp: 150249
 Ion Ratio Lower Upper
 156 100
 77 137.6 66.3 198.7
 158 97.2 48.9 146.7





#78

n-propylbenzene

Concen: 43.763 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

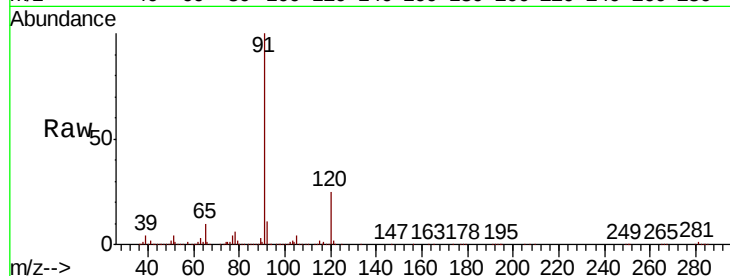
VSTDCCC050EC

Tot Ion: 91 Resp: 614131

Ion Ratio Lower Upper

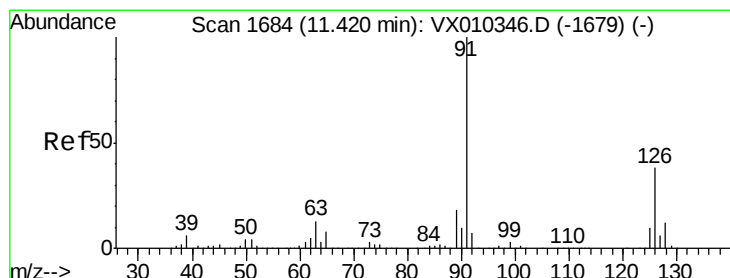
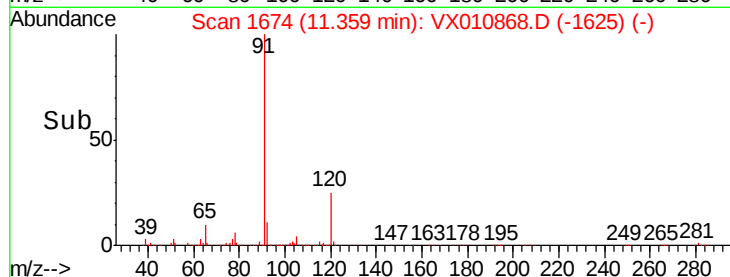
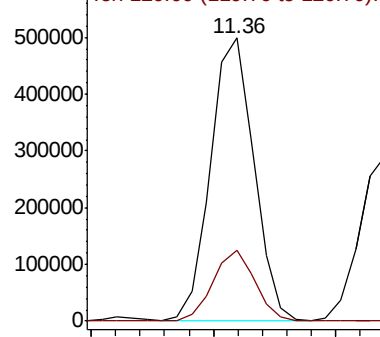
91 100

120 24.2 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: 43.837 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010868.D

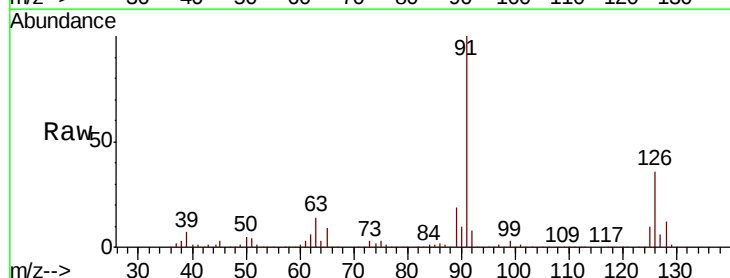
Acq: 13 Jul 2019 04:05

Tgt Ion: 91 Resp: 366314

Ion Ratio Lower Upper

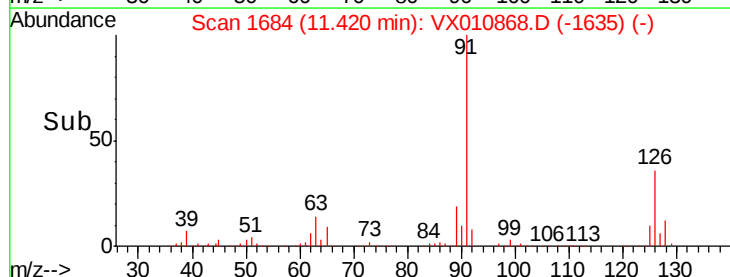
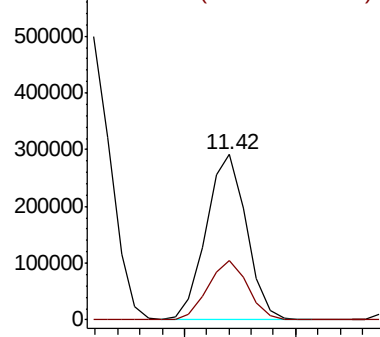
91 100

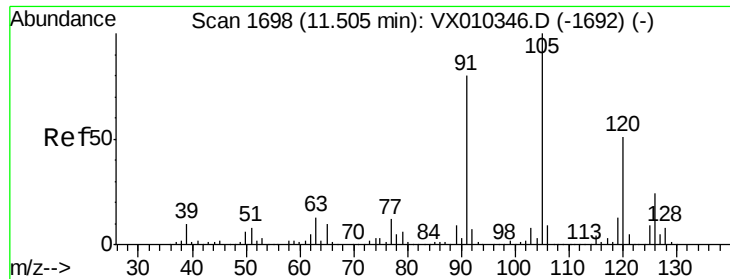
126 35.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

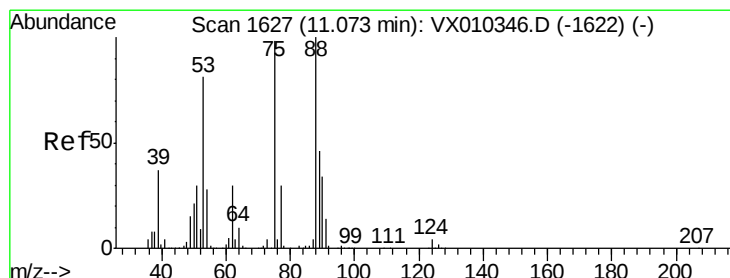
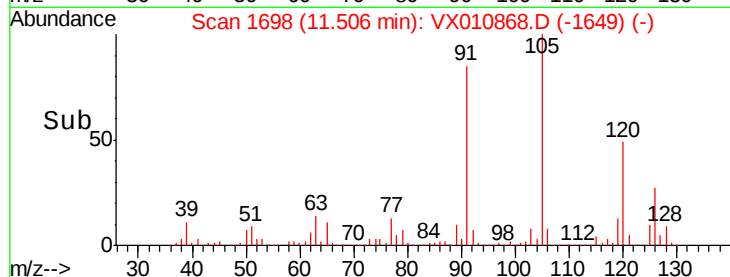
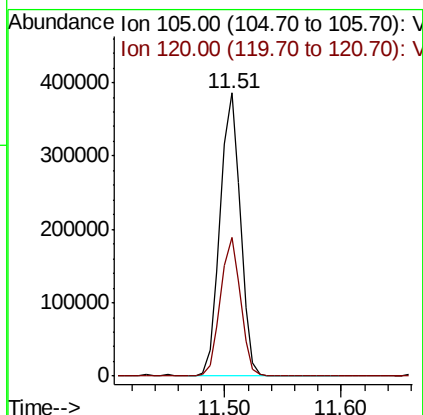
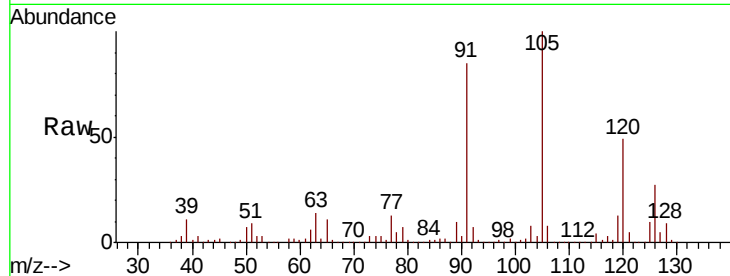




#80
 1,3,5-Trimethylbenzene
 Concen: 43.919 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

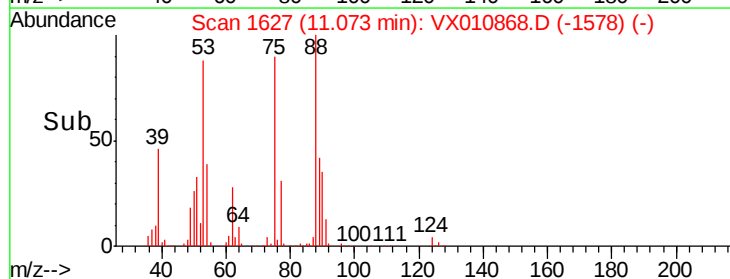
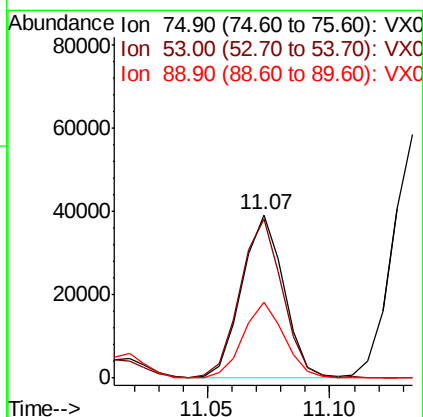
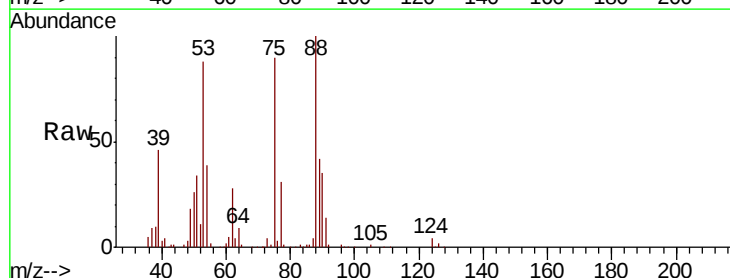
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

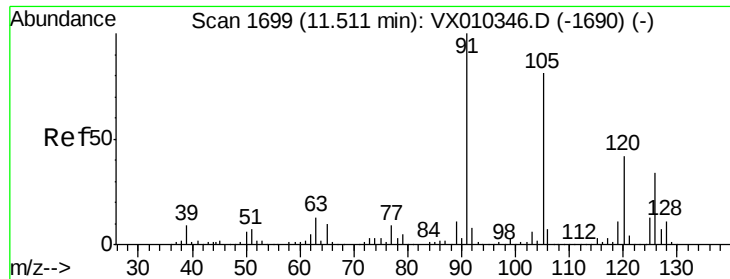
Tot Ion:105 Resp: 462294
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.706 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 75 Resp: 46649
 Ion Ratio Lower Upper
 75 100
 53 98.4 66.1 99.1
 89 46.1 37.8 56.6

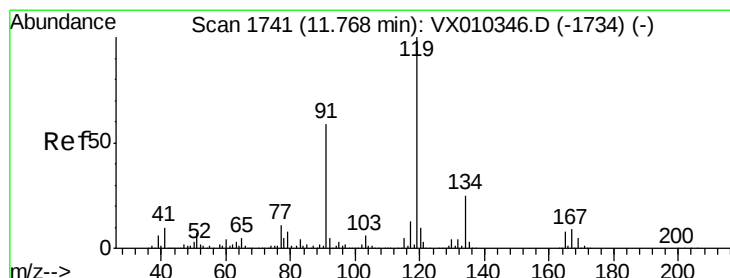
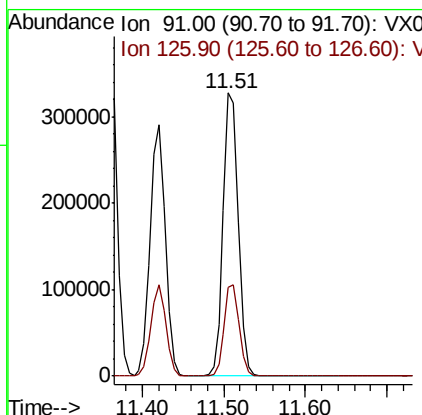
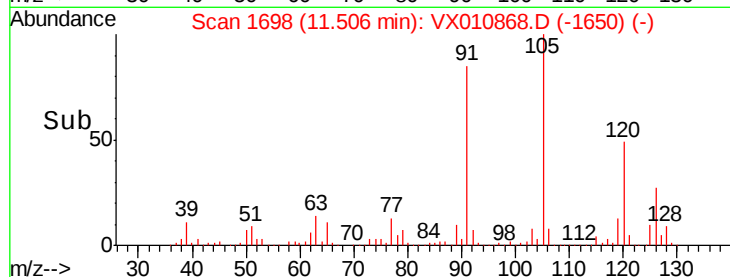
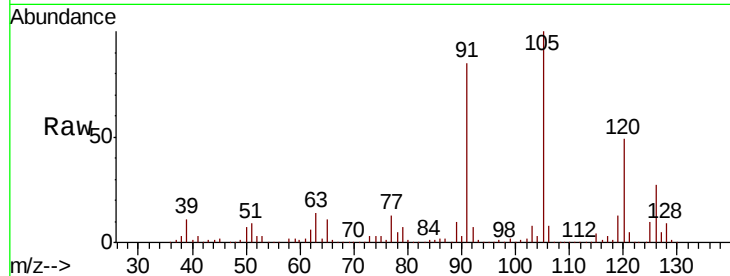




#82
4-Chlorotoluene
Concen: 44.614 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

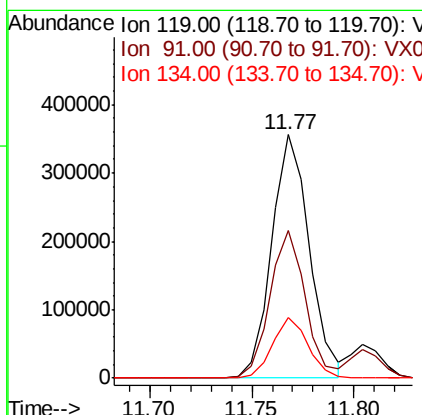
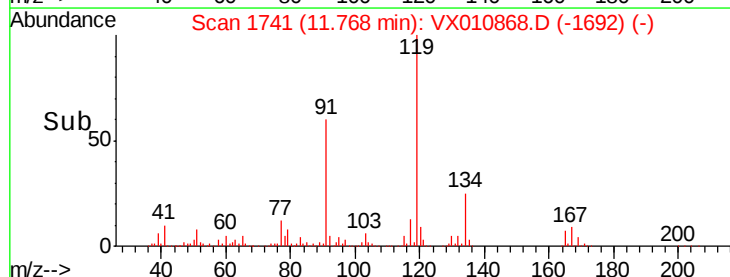
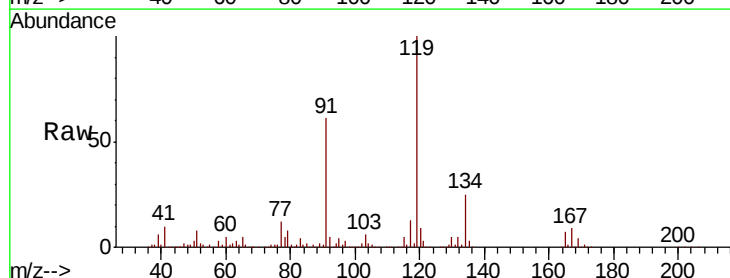
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

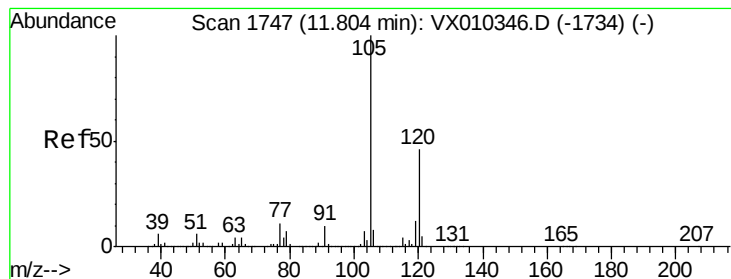
Tot Ion: 91 Resp: 424213
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6



#83
tert-Butylbenzene
Concen: 43.418 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010868.D
Acq: 13 Jul 2019 04:05

Tgt Ion: 119 Resp: 458696
Ion Ratio Lower Upper
119 100
91 57.3 27.6 82.7
134 23.6 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 44.296 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

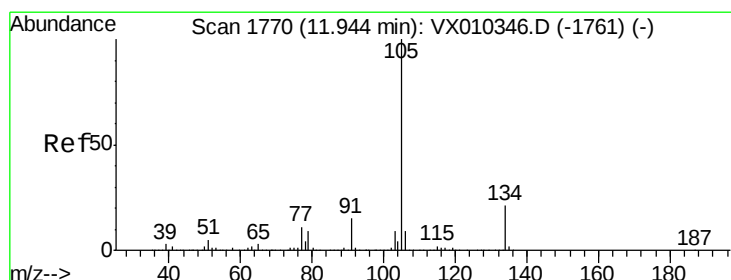
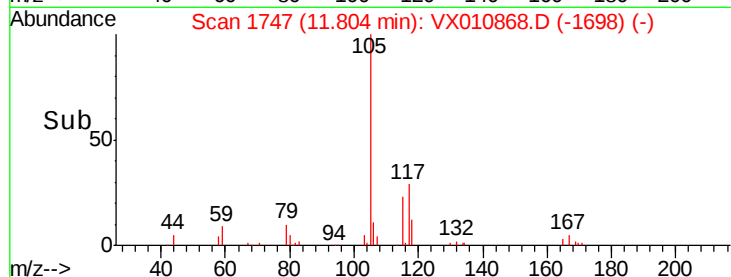
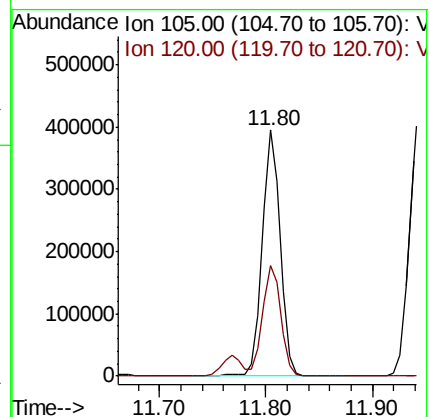
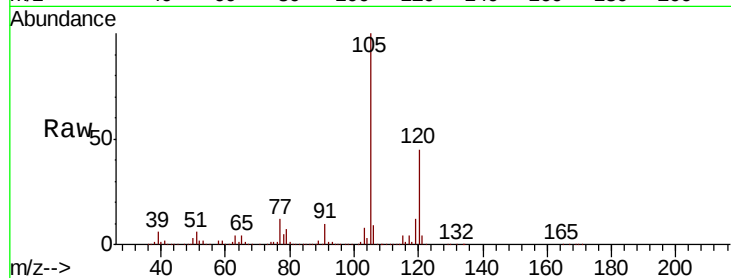
VSTDCCC050EC

Tot Ion:105 Resp: 468440

Ion Ratio Lower Upper

105 100

120 45.1 23.1 69.2



#85

sec-Butylbenzene

Concen: 43.250 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010868.D

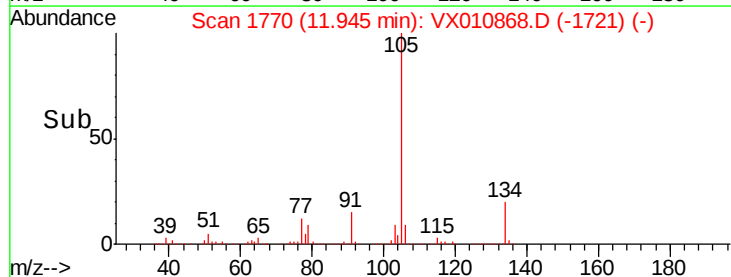
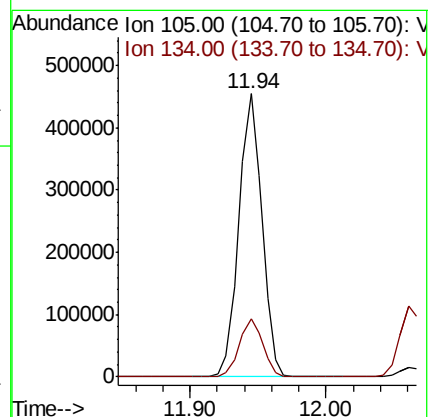
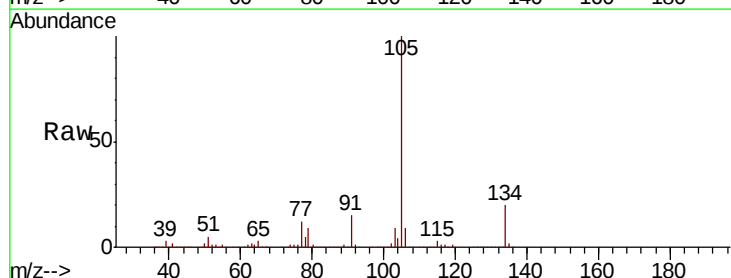
Acq: 13 Jul 2019 04:05

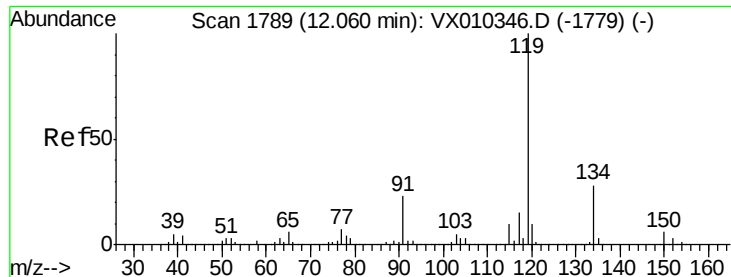
Tgt Ion:105 Resp: 536489

Ion Ratio Lower Upper

105 100

134 20.8 10.7 31.9





#86

p-Isopropyltoluene

Concen: 42.883 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

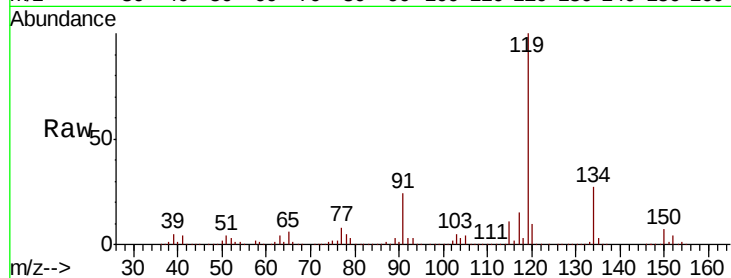
Tot Ion:119 Resp: 492029

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

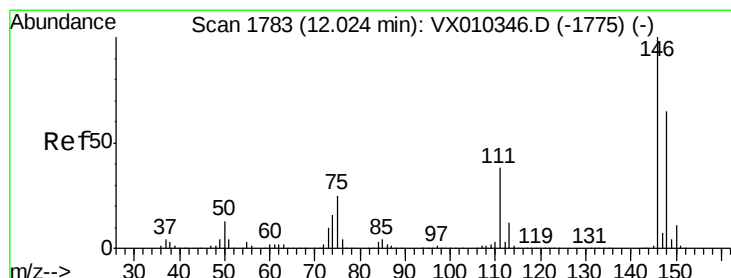
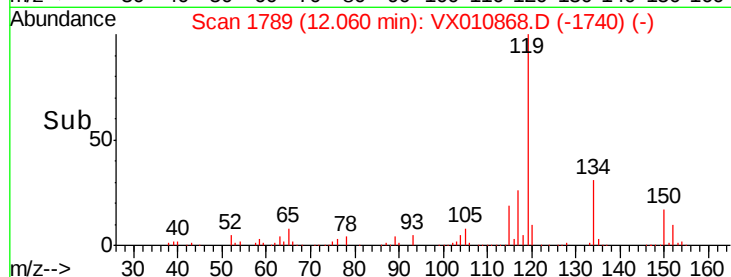
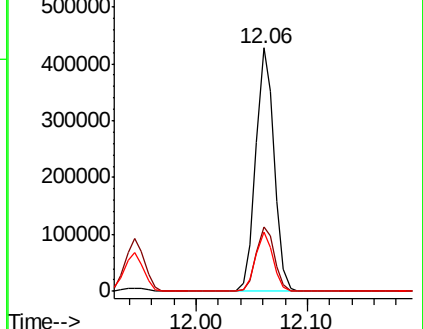
91 23.4 11.3 33.8



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): V



#87

1,3-Dichlorobenzene

Concen: 42.101 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

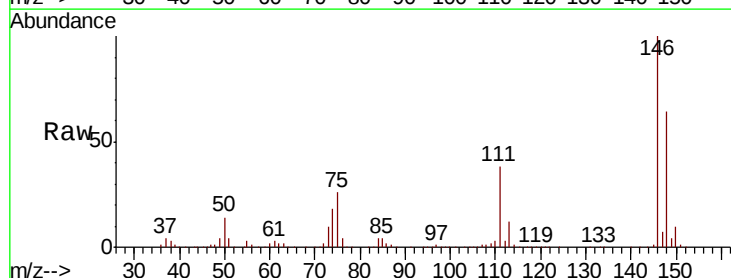
Tgt Ion:146 Resp: 262012

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

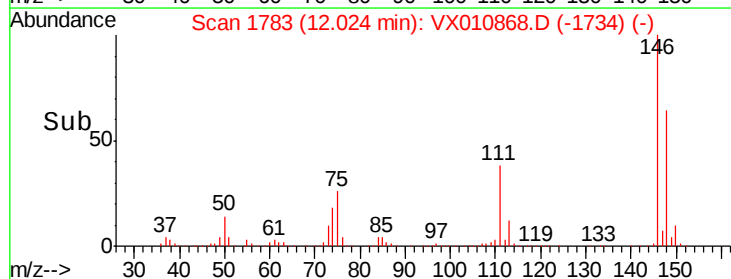
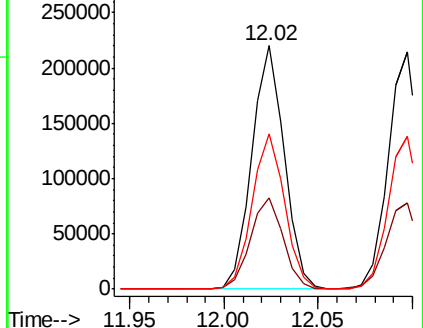
148 64.1 32.5 97.4

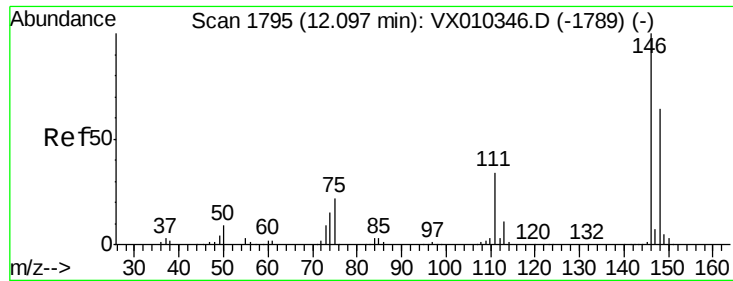


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

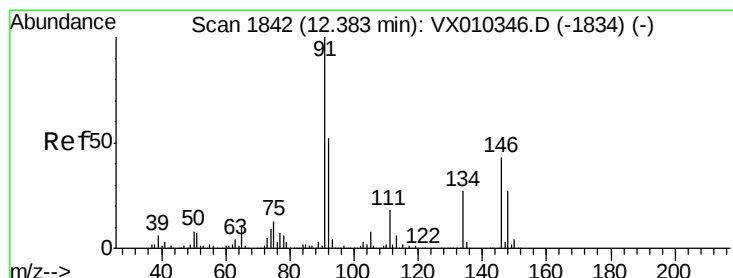
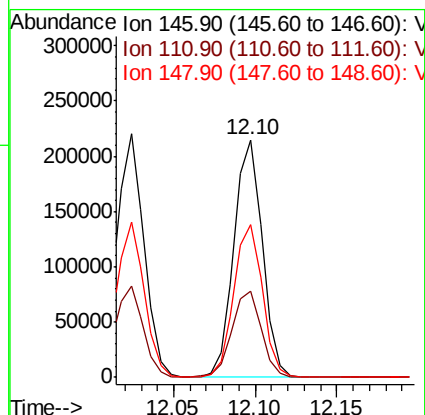
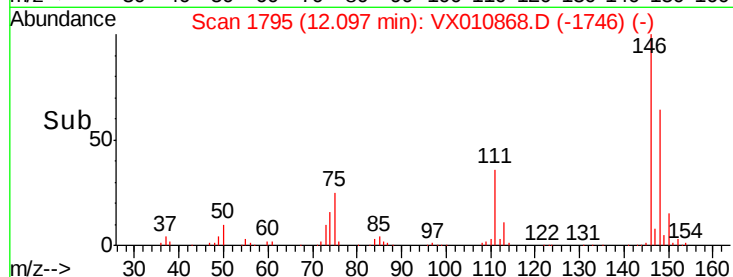
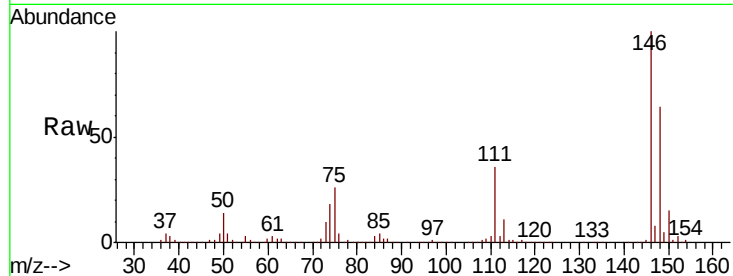




#88
 1,4-Dichlorobenzene
 Concen: 41.026 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

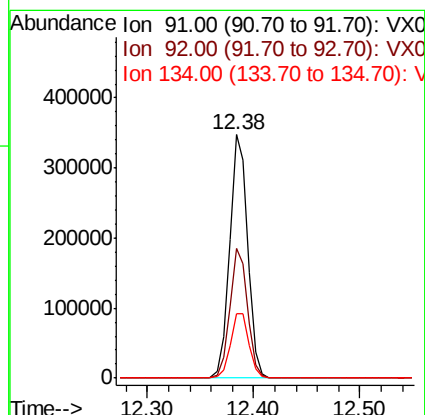
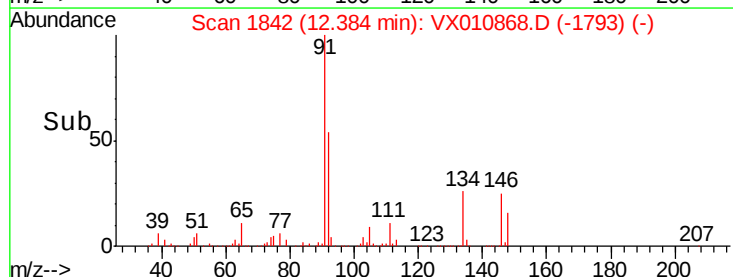
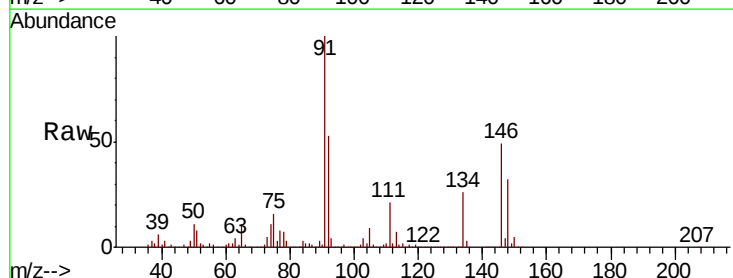
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

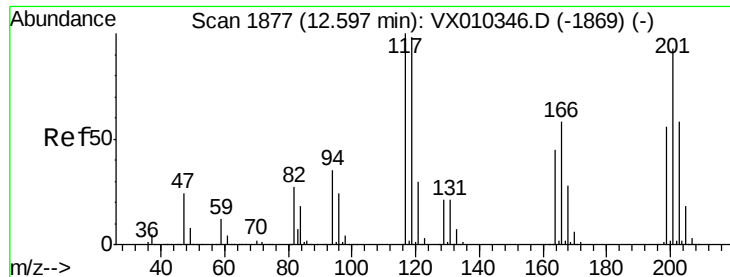
Tot Ion:146 Resp: 259932
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.3
 148 65.1 32.1 96.3



#89
 n-Butylbenzene
 Concen: 42.143 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Tgt Ion: 91 Resp: 410885
 Ion Ratio Lower Upper
 91 100
 92 52.6 26.2 78.5
 134 27.5 14.1 42.4





#90

Hexachloroethane

Concen: 39.289 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

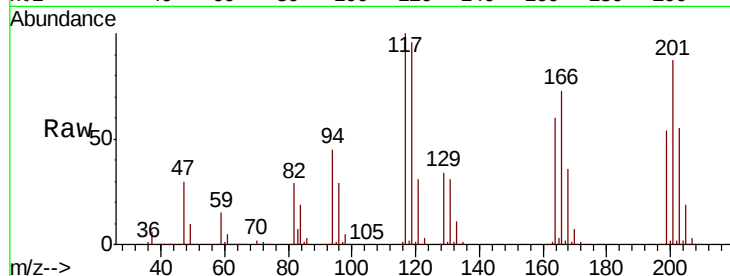
VSTDCCC050EC

Tot Ion:117 Resp: 77947

Ion Ratio Lower Upper

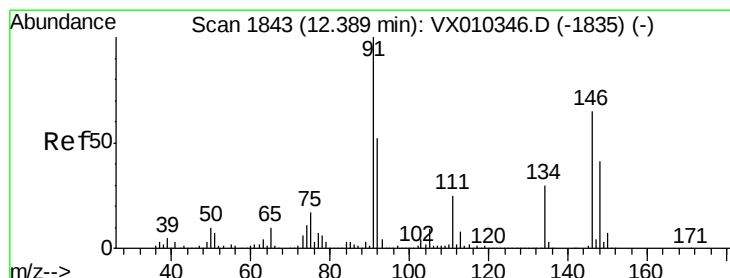
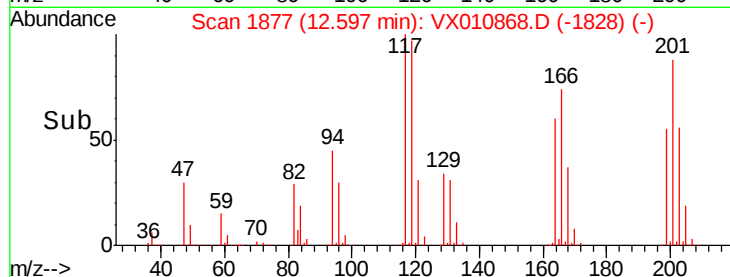
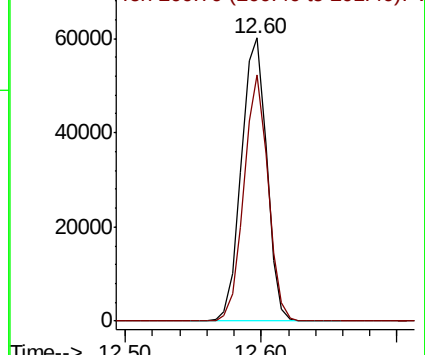
117 100

201 83.1 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 42.094 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

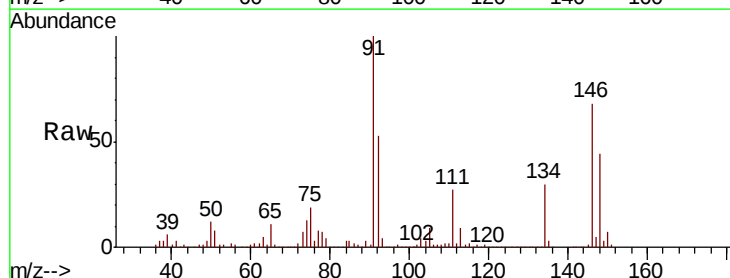
Tgt Ion:146 Resp: 260366

Ion Ratio Lower Upper

146 100

111 39.9 19.2 57.6

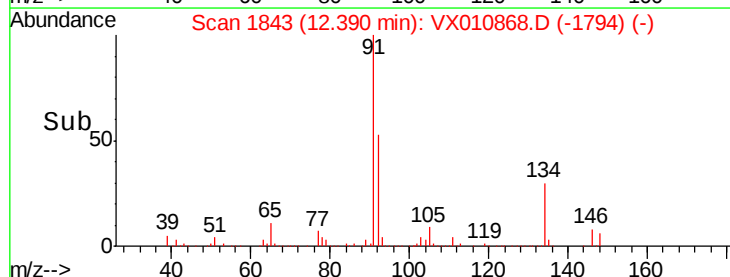
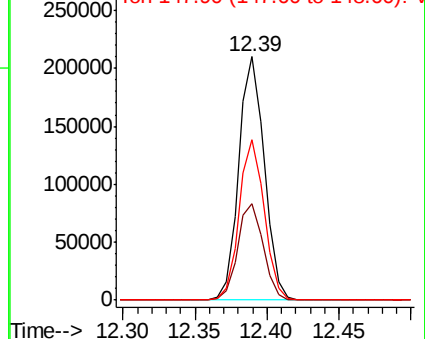
148 64.7 32.0 96.0

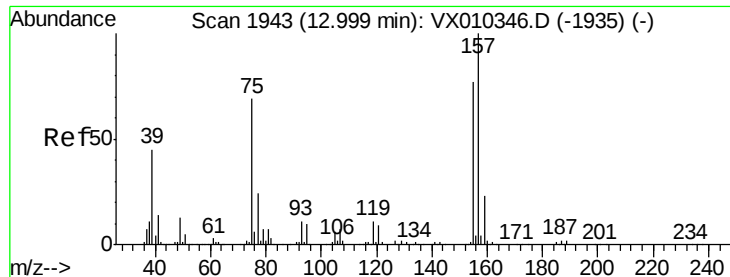


Abundance Ion 145.90 (145.60 to 146.60): V

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: 42.339 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

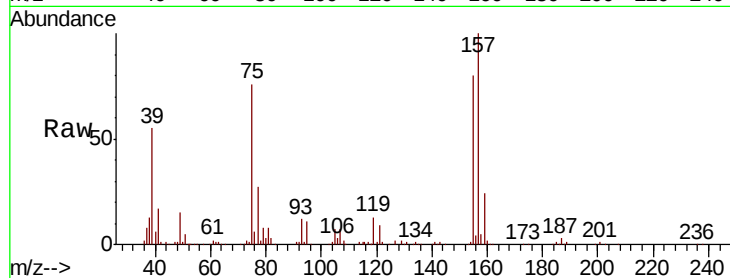
Tot Ion: 75 Resp: 38600

Ion Ratio Lower Upper

75 100

155 100.5 54.4 163.1

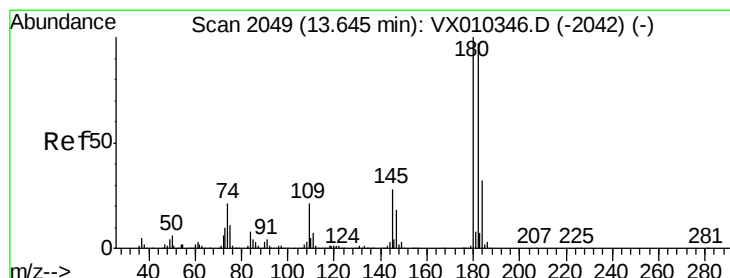
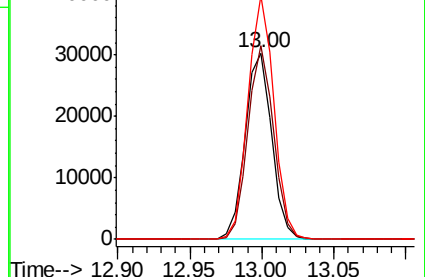
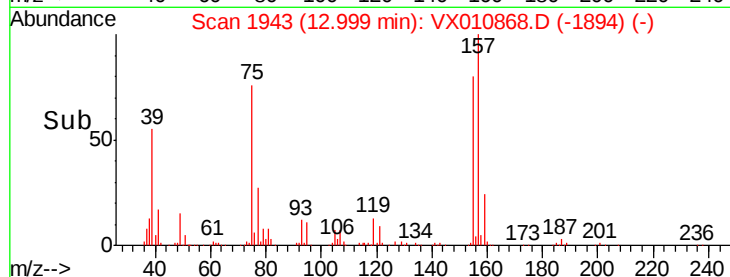
157 126.8 69.5 208.3



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: 40.710 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

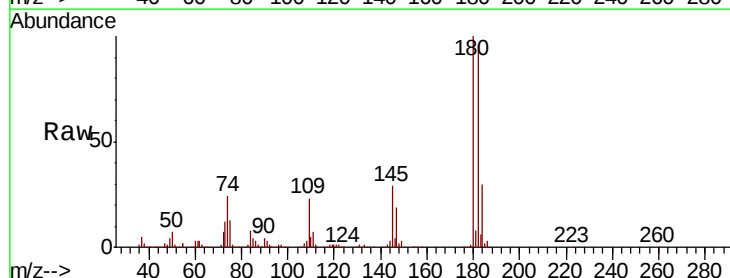
Tgt Ion:180 Resp: 174623

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

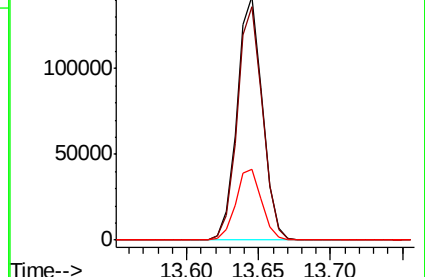
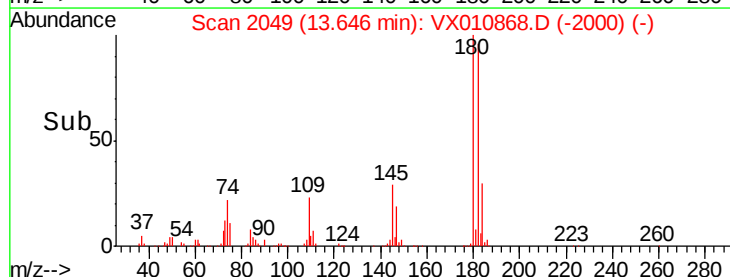
145 29.8 14.4 43.4

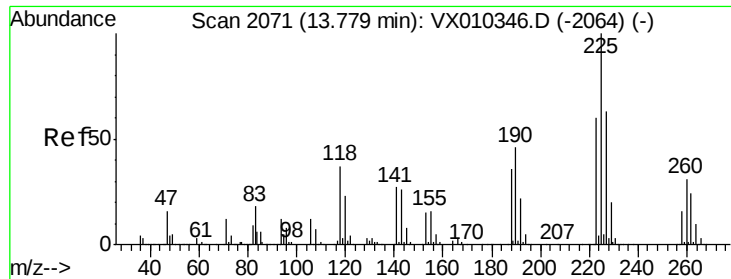


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 38.817 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

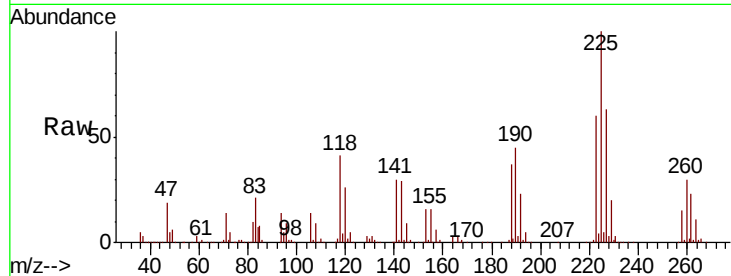
Tot Ion:225 Resp: 81376

Ion Ratio Lower Upper

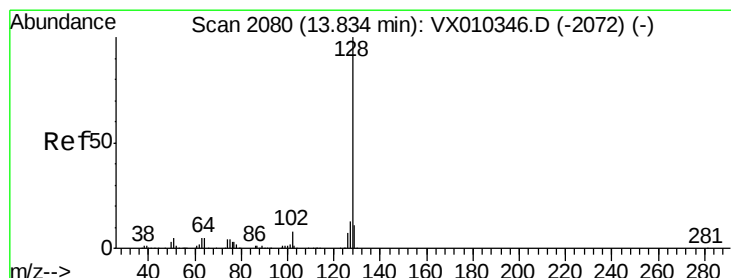
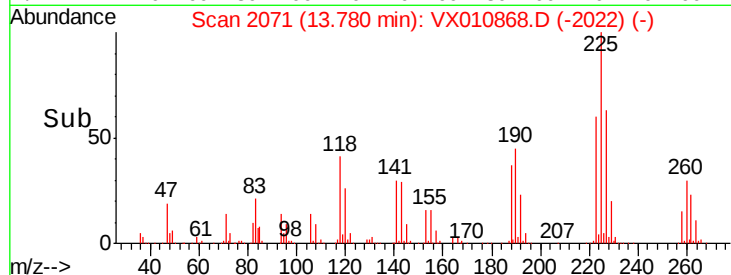
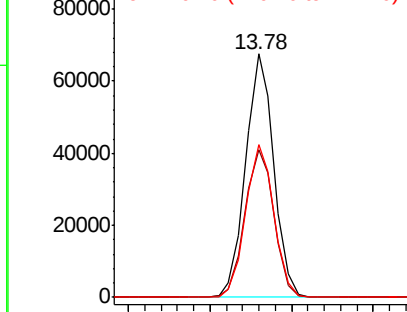
225 100

223 62.1 30.9 92.7

227 63.1 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: 41.731 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010868.D

Acq: 13 Jul 2019 04:05

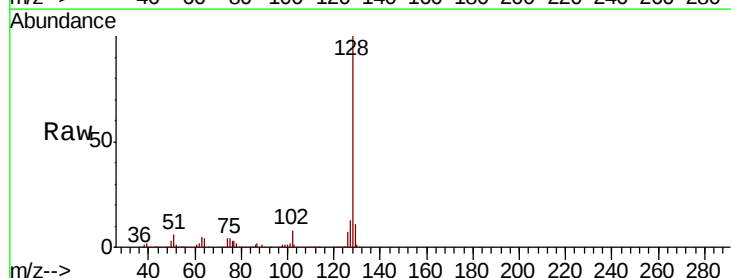
Tgt Ion:128 Resp: 550081

Ion Ratio Lower Upper

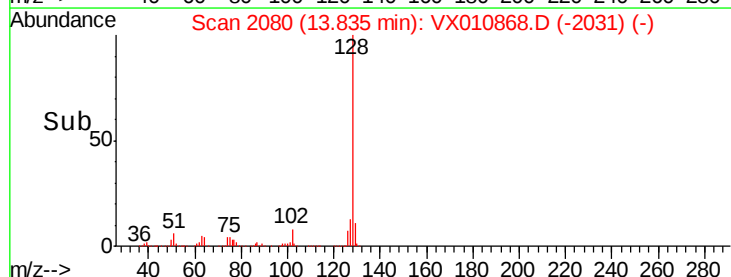
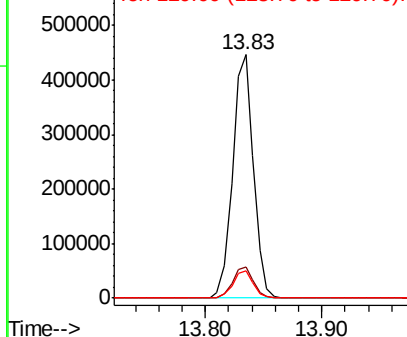
128 100

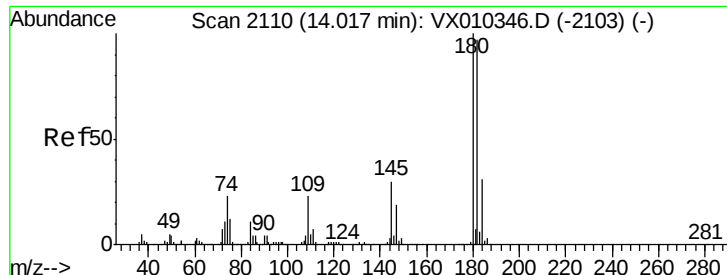
127 12.9 10.2 15.4

129 11.0 8.9 13.3



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

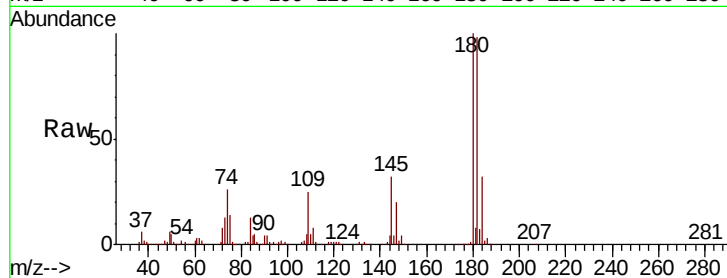




#96
 1,2,3-Trichlorobenzene
 Concen: 41.551 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010868.D
 Acq: 13 Jul 2019 04:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	30.8	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

