

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008734.D
 Acq On : 06 Apr 2019 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 08 01:57:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123034	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	127069	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	93617	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	373628	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	131809	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86156	41.304	ug/l	100
3) Chloromethane	1.32	50	122073	47.674	ug/l	100
4) Vinyl Chloride	1.40	62	122925	43.594	ug/l	98
5) Bromomethane	1.64	94	59494	43.101	ug/l	100
6) Chloroethane	1.71	64	76032	49.332	ug/l	98
7) Trichlorofluoromethane	1.92	101	138546	44.448	ug/l	99
8) Diethyl Ether	2.19	74	67624	45.749	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85002	42.356	ug/l	99
10) Methyl Iodide	2.51	142	84576	46.572	ug/l	99
11) Tert butyl alcohol	3.06	59	147798	238.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92084	43.955	ug/l	98
13) Acrolein	2.29	56	120592	393.032	ug/l	100
14) Allyl chloride	2.72	41	215712	44.978	ug/l	98
15) Acrylonitrile	3.15	53	385103	234.925	ug/l	100
16) Acetone	2.45	43	327645	215.224	ug/l	99
17) Carbon Disulfide	2.56	76	262794	43.341	ug/l	100
18) Methyl Acetate	2.78	43	176158	47.712	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353764	47.284	ug/l	100
20) Methylene Chloride	2.85	84	111619	43.803	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99588	43.948	ug/l	95
22) Diisopropyl ether	3.86	45	433079	46.851	ug/l	97
23) Vinyl Acetate	3.81	43	1914321	238.057	ug/l	99
24) 1,1-Dichloroethane	3.70	63	210595	46.015	ug/l	99
25) 2-Butanone	4.68	43	572717	238.026	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124056	38.486	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117338	45.037	ug/l	98
28) Bromochloromethane	5.01	49	103956	54.659	ug/l	100
29) Tetrahydrofuran	5.13	42	381903	239.139	ug/l	99
30) Chloroform	5.21	83	189390	46.331	ug/l	99
31) Cyclohexane	5.58	56	195475	42.804	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	154831	46.872	ug/l	99
36) 1,1-Dichloropropene	5.80	75	144575	43.099	ug/l	100
37) Ethyl Acetate	4.84	43	215081	48.035	ug/l	100
38) Carbon Tetrachloride	5.79	117	125741	45.289	ug/l	99

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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	167734	40.477	ug/l	99
40) Benzene	6.14	78	452308	45.260	ug/l	99
41) Methacrylonitrile	5.04	41	120617	46.864	ug/l	99
42) 1,2-Dichloroethane	6.20	62	161633	45.115	ug/l	100
43) Isopropyl Acetate	6.45	43	339251	48.367	ug/l	100
44) Trichloroethene	7.21	130	104406	44.857	ug/l	99
45) 1,2-Dichloropropane	7.51	63	129458	45.386	ug/l	100
46) Dibromomethane	7.66	93	73781	44.599	ug/l	100
47) Bromodichloromethane	7.90	83	146073	46.830	ug/l	99
48) Methyl methacrylate	7.77	41	170526	48.061	ug/l	100
49) 1,4-Dioxane	7.74	88	62514	940.541	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087842	240.926	ug/l	100
52) Toluene	8.79	92	270147	45.852	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	164521	47.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183314	45.915	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110810	46.855	ug/l	98
56) Ethyl methacrylate	9.18	69	205850	48.107	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197287	46.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	533418	244.135	ug/l	99
59) 2-Hexanone	9.49	43	820458	233.814	ug/l	100
60) Dibromochloromethane	9.58	129	107218	48.111	ug/l	97
61) 1,2-Dibromoethane	9.67	107	113554	46.122	ug/l	97
64) Tetrachloroethene	9.34	164	91652	45.490	ug/l	98
65) Chlorobenzene	10.14	112	274181	45.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99255	46.935	ug/l	99
67) Ethyl Benzene	10.25	91	512538	45.598	ug/l	100
68) m/p-Xylenes	10.36	106	368130	91.088	ug/l	99
69) o-Xylene	10.69	106	180554	46.099	ug/l	99
70) Styrene	10.71	104	316275	46.846	ug/l	99
71) Bromoform	10.85	173	78087	48.347	ug/l #	98
73) Isopropylbenzene	11.02	105	476616	46.744	ug/l	100
74) N-amyl acetate	10.90	43	283215	47.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	175165	45.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	205258	60.730	ug/l	81
77) Bromobenzene	11.26	156	114024	46.518	ug/l	98
78) n-propylbenzene	11.36	91	547800	46.142	ug/l	100
79) 2-Chlorotoluene	11.42	91	329527	45.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398868	46.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56451	46.040	ug/l	98
82) 4-Chlorotoluene	11.51	91	372237	44.760	ug/l	99
83) tert-Butylbenzene	11.77	119	379138	46.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	401184	46.292	ug/l	100
85) sec-Butylbenzene	11.94	105	450103	46.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	409214	46.614	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195979	44.661	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	196795	44.288	ug/l	99
89) n-Butylbenzene	12.38	91	371279	45.097	ug/l	100
90) Hexachloroethane	12.60	117	69063	47.432	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	197462	45.322	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39884	46.755	ug/l	100

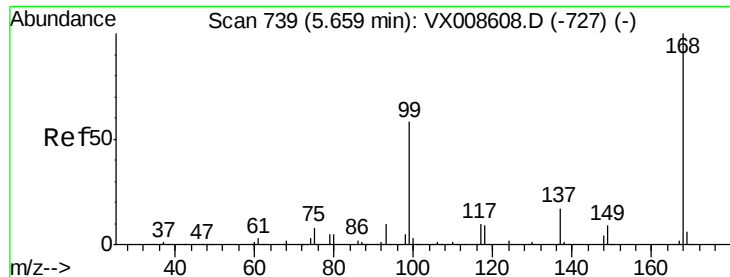
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135516	44.735	ug/l	99
94) Hexachlorobutadiene	13.78	225	64390	44.321	ug/l	99
95) Naphthalene	13.83	128	475584	46.973	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136907	45.233	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

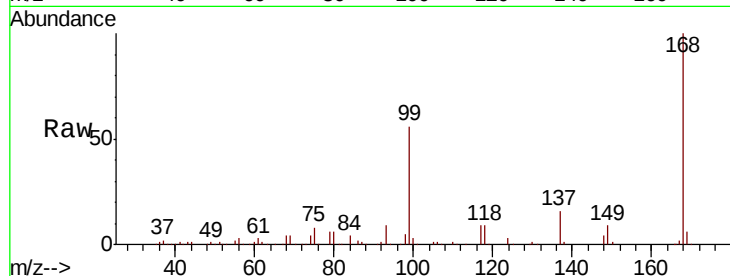
VSTDCCC050EC

Tot Ion:168 Resp: 181213

Ion Ratio Lower Upper

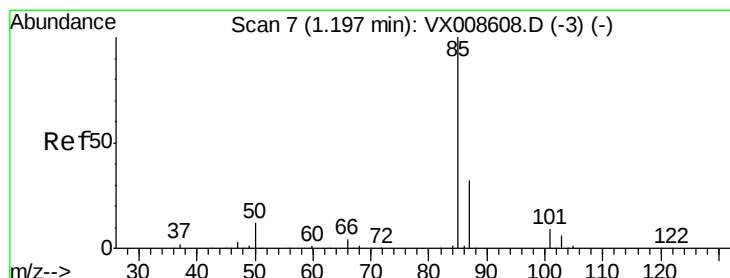
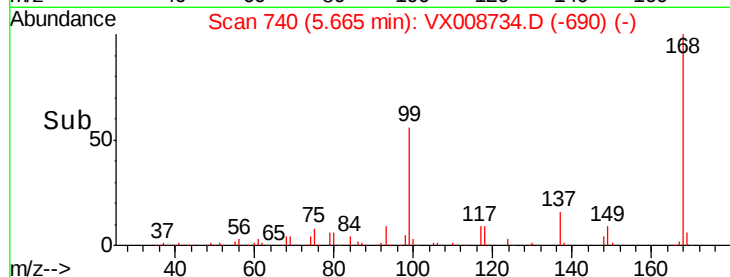
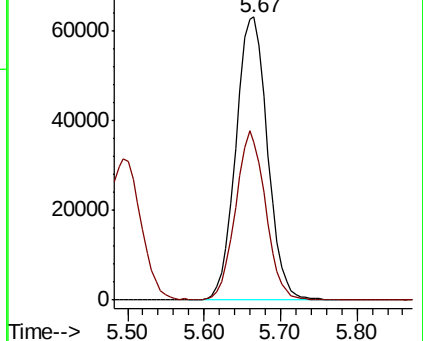
168 100

99 55.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.304 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008734.D

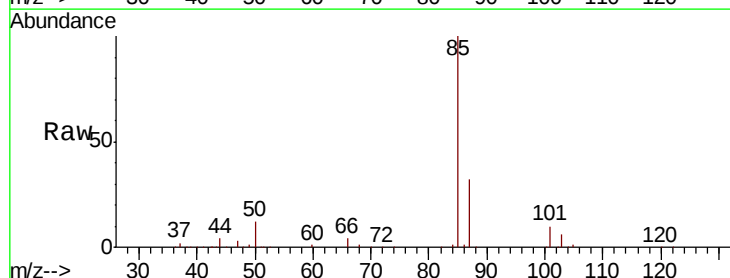
Acq: 06 Apr 2019 20:32

Tgt Ion: 85 Resp: 86156

Ion Ratio Lower Upper

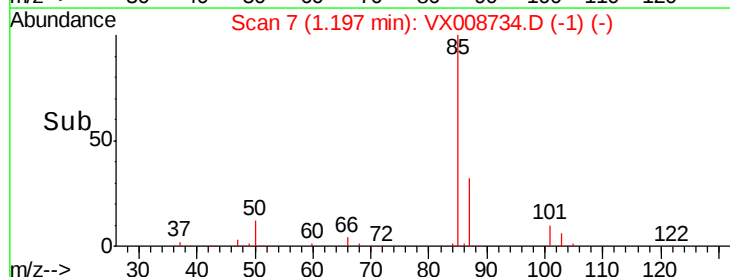
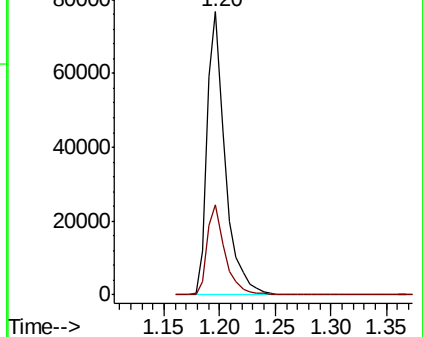
85 100

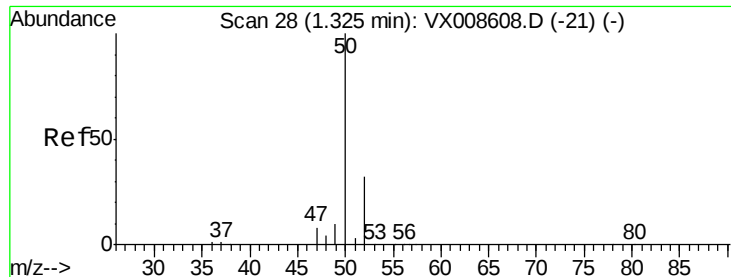
87 31.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.674 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

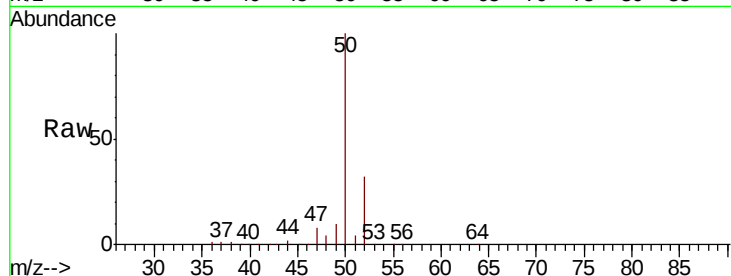
VSTDCCC050EC

Tot Ion: 50 Resp: 122073

Ion Ratio Lower Upper

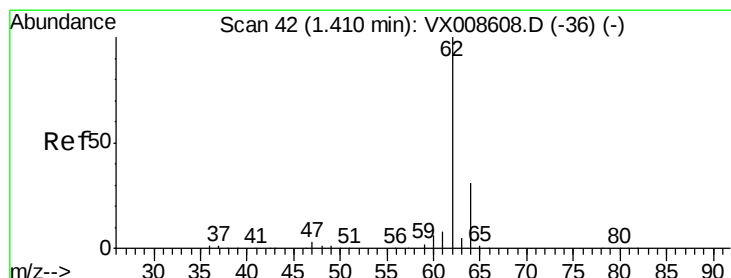
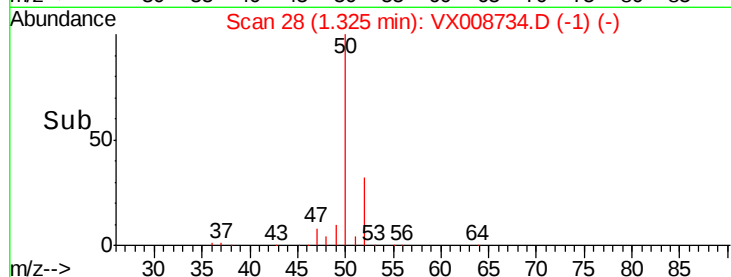
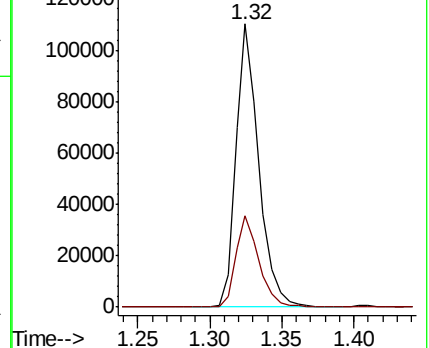
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.594 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008734.D

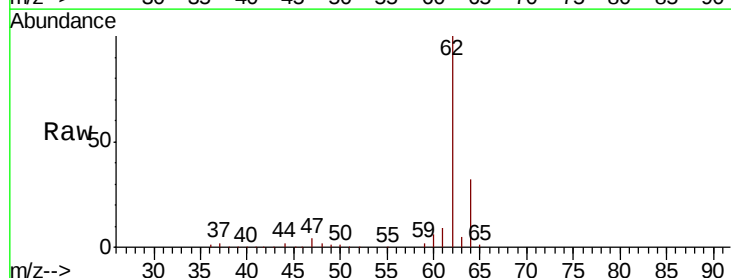
Acq: 06 Apr 2019 20:32

Tgt Ion: 62 Resp: 122925

Ion Ratio Lower Upper

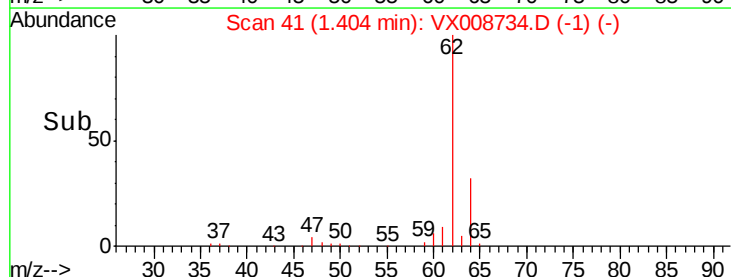
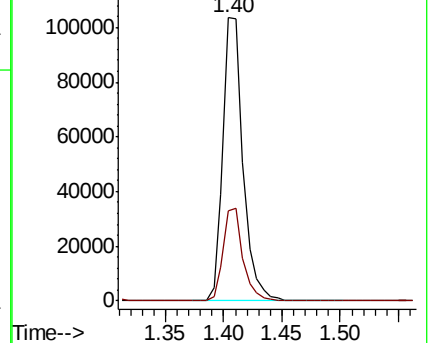
62 100

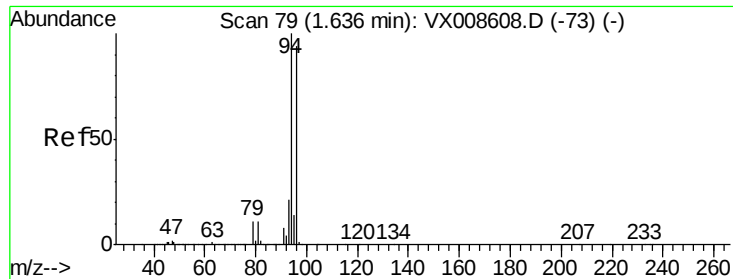
64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.101 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

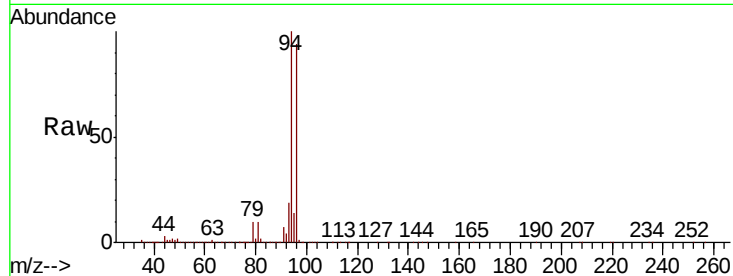
VSTDCCC050EC

Tot Ion: 94 Resp: 59494

Ion Ratio Lower Upper

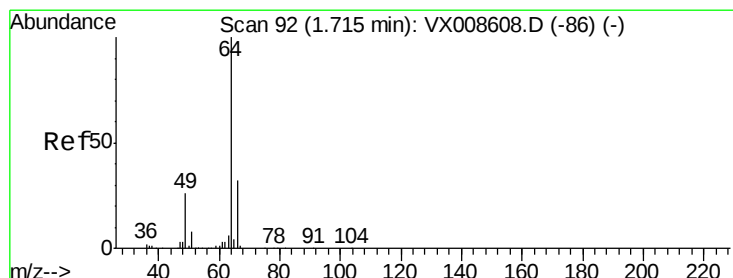
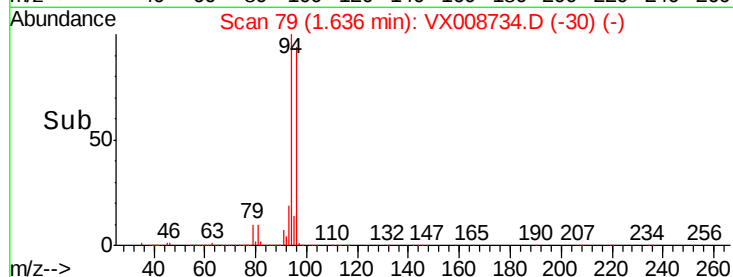
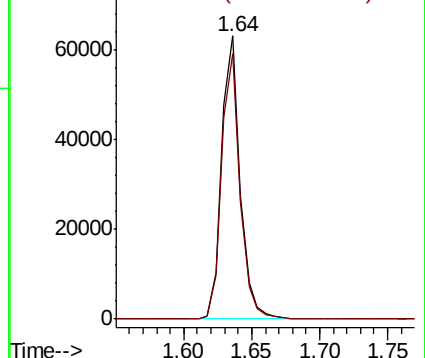
94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.332 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008734.D

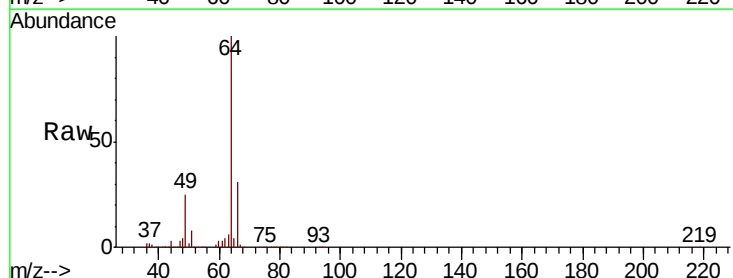
Acq: 06 Apr 2019 20:32

Tgt Ion: 64 Resp: 76032

Ion Ratio Lower Upper

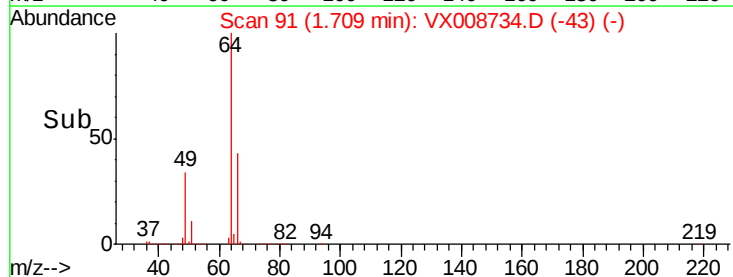
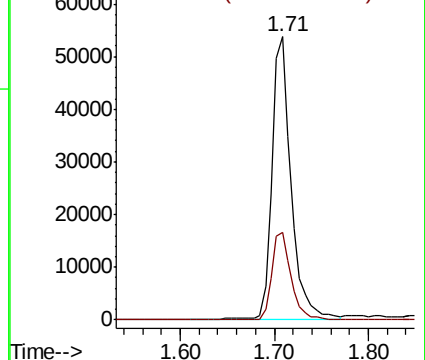
64 100

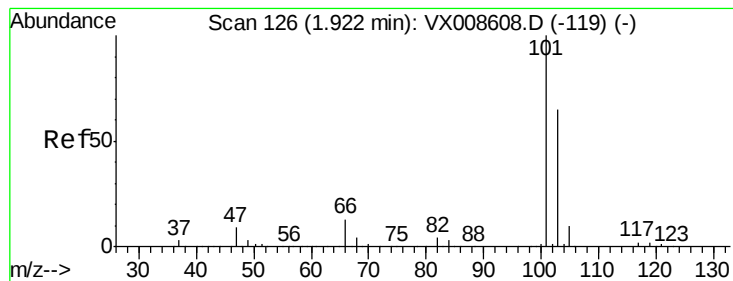
66 30.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



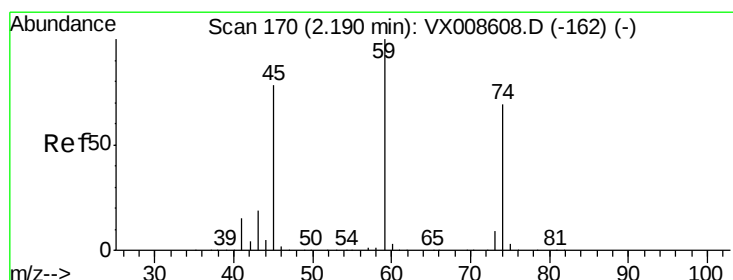
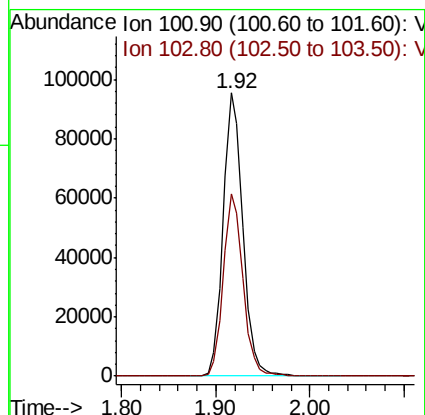
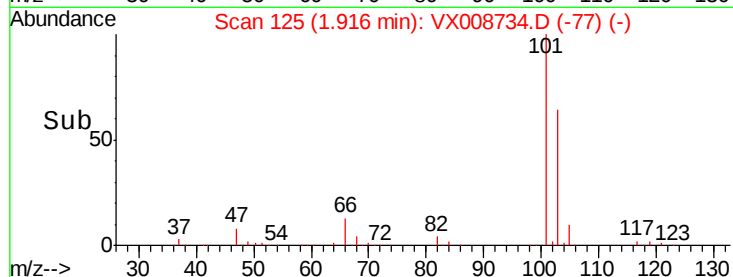
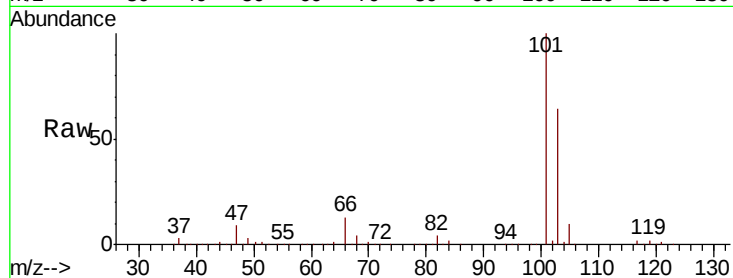


#7

Trichlorofluoromethane
 Concen: 44.448 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

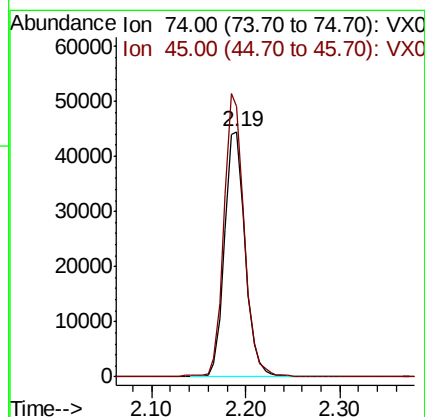
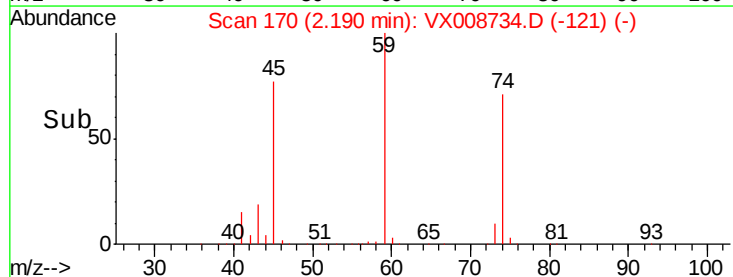
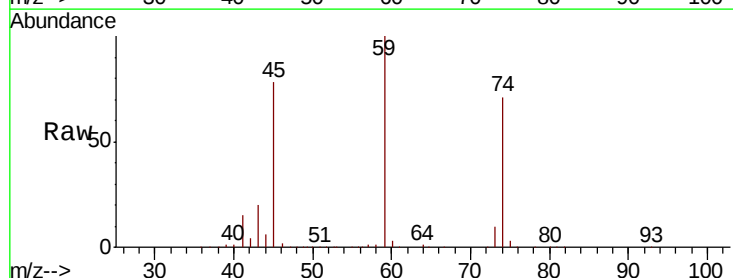
Tot Ion:101 Resp: 138546
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8

Diethyl Ether
 Concen: 45.749 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 74 Resp: 67624
 Ion Ratio Lower Upper
 74 100
 45 113.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.356 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

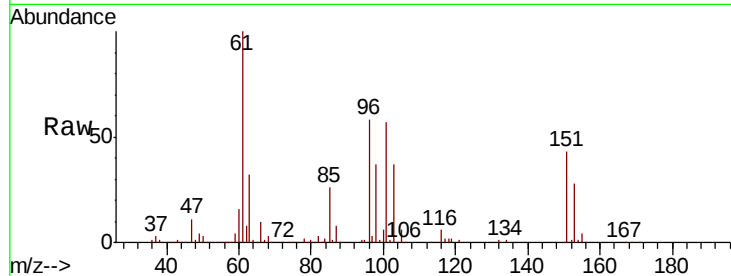
Tot Ion:101 Resp: 85002

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

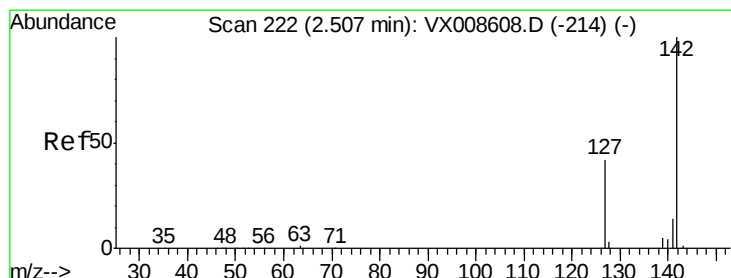
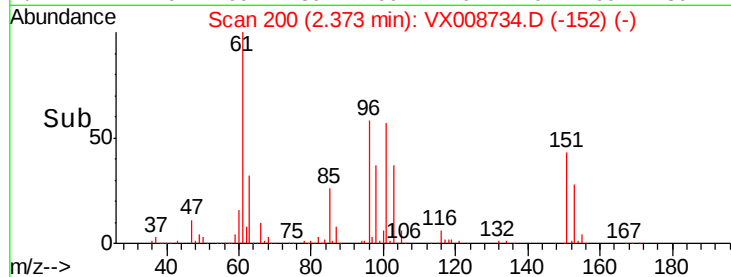
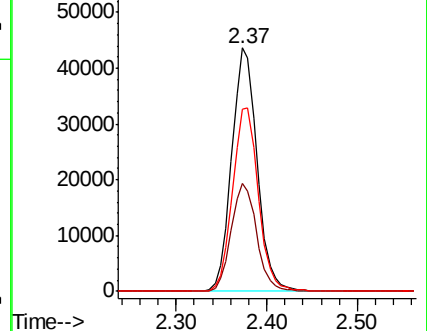
151 76.3 59.9 89.9



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: 46.572 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

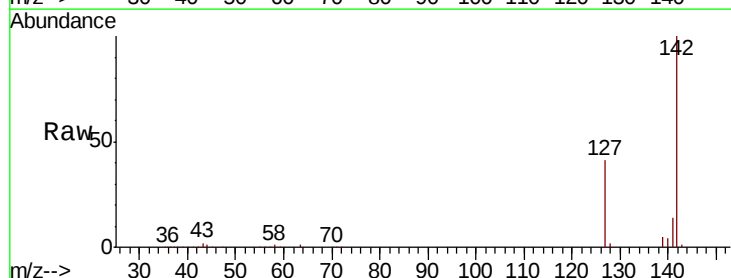
Tgt Ion:142 Resp: 84576

Ion Ratio Lower Upper

142 100

127 42.1 33.0 49.6

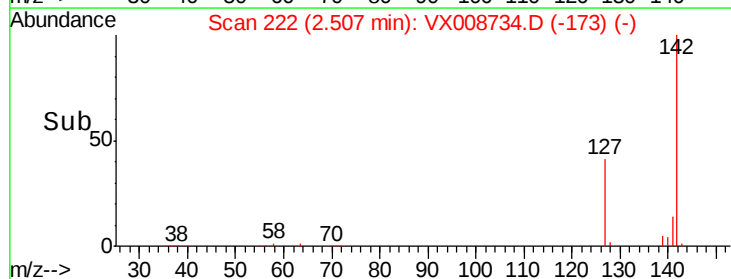
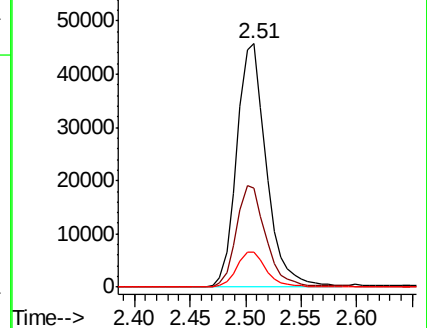
141 14.6 11.4 17.2

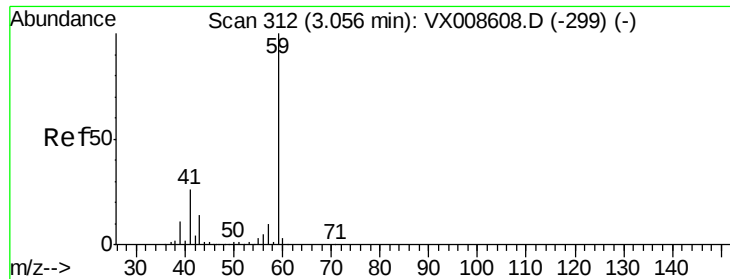


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

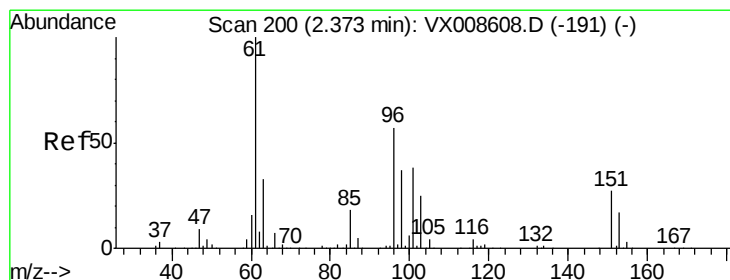
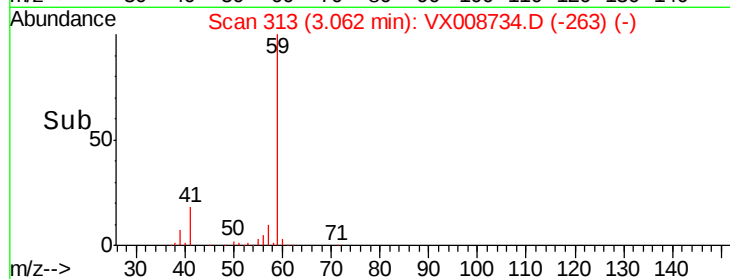
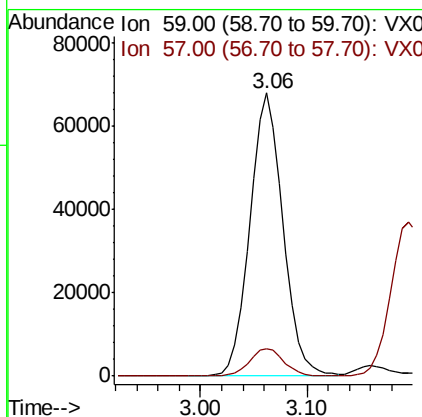
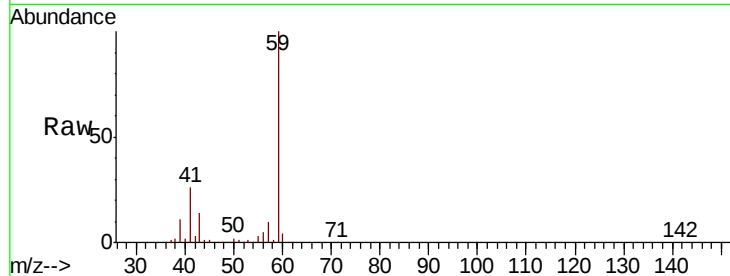




#11
Tert butyl alcohol
Concen: 238.853 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

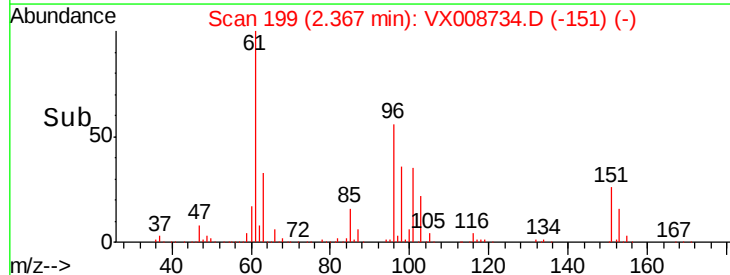
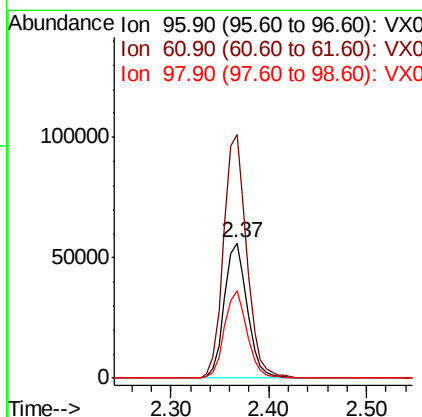
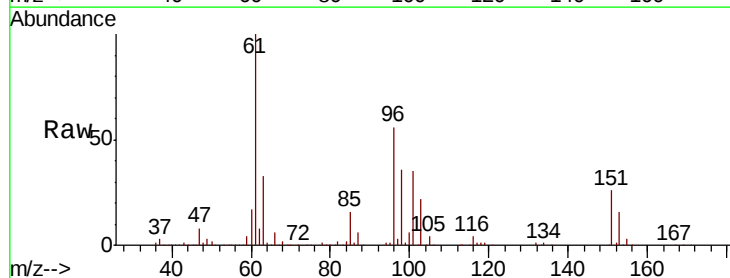
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

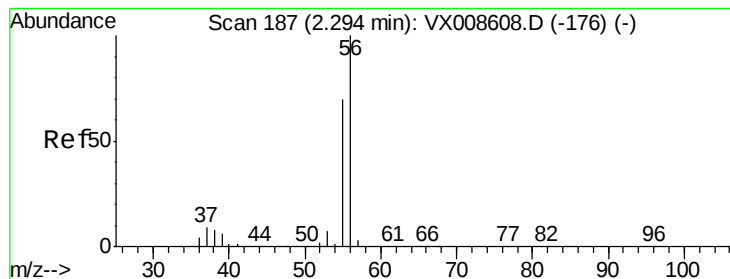
Tot Ion: 59 Resp: 147798
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 43.955 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 96 Resp: 92084
Ion Ratio Lower Upper
96 100
61 180.1 140.9 211.3
98 64.5 52.1 78.1





#13

Acrolein

Concen: 393.032 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

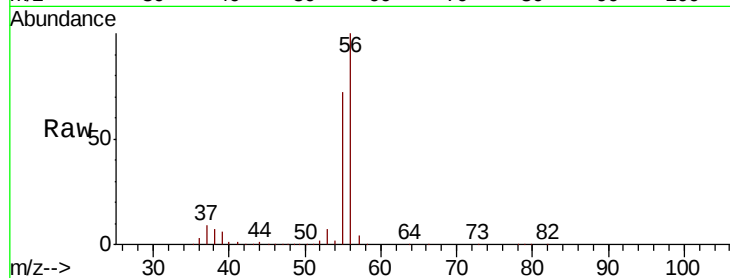
VSTDCCC050EC

Tot Ion: 56 Resp: 120592

Ion Ratio Lower Upper

56 100

55 72.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

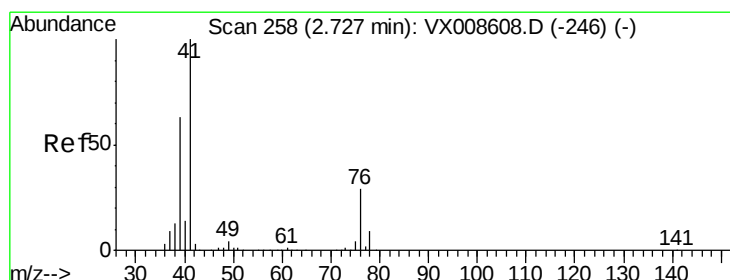
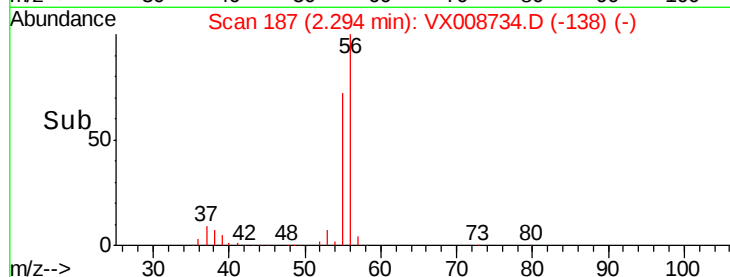
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 44.978 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

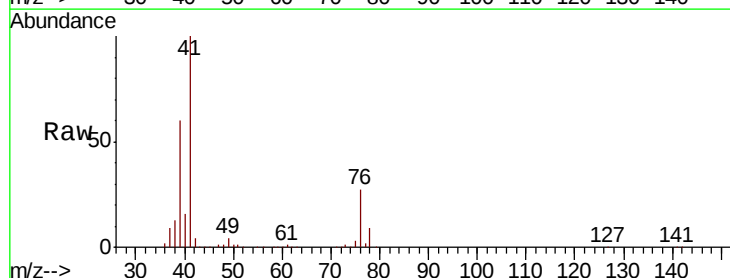
Tgt Ion: 41 Resp: 215712

Ion Ratio Lower Upper

41 100

39 58.4 48.0 72.0

76 26.7 22.0 33.0



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

150000

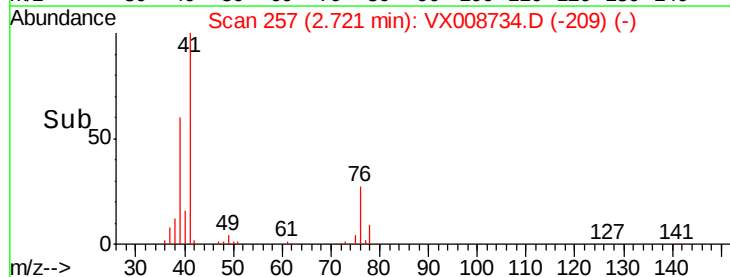
100000

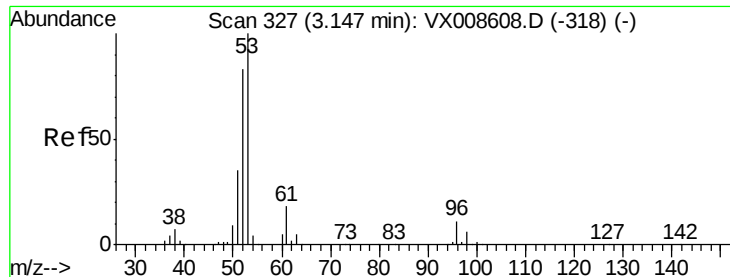
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 234.925 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

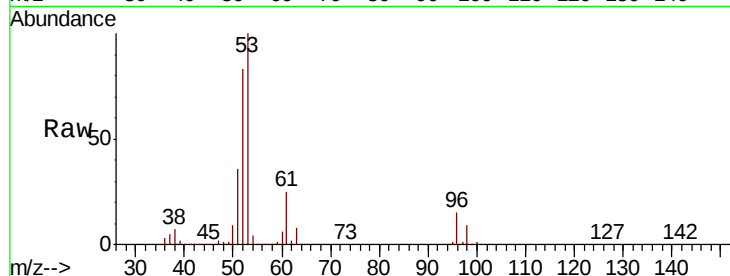
Tot Ion: 53 Resp: 385103

Ion Ratio Lower Upper

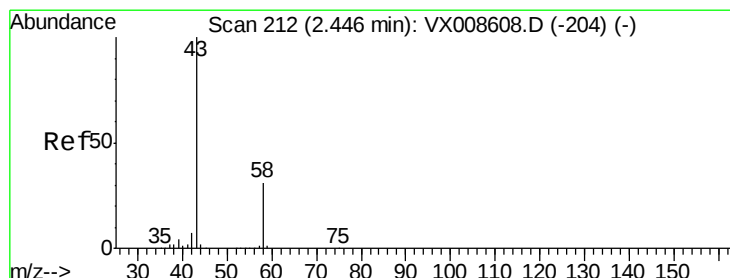
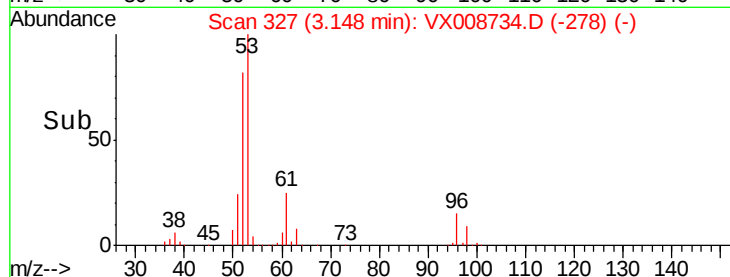
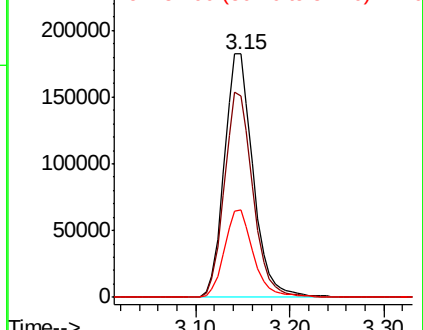
53 100

52 83.6 66.5 99.7

51 35.9 28.6 42.8



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: 215.224 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008734.D

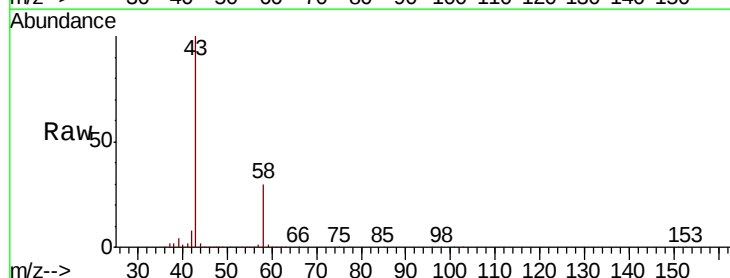
Acq: 06 Apr 2019 20:32

Tgt Ion: 43 Resp: 327645

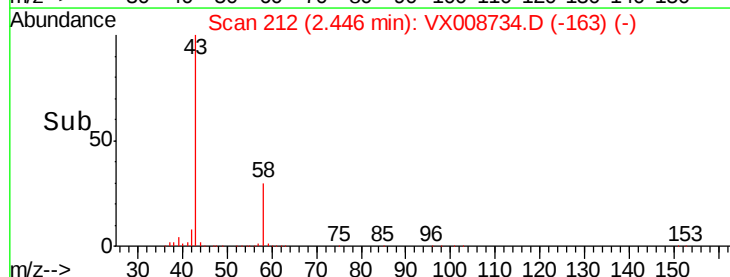
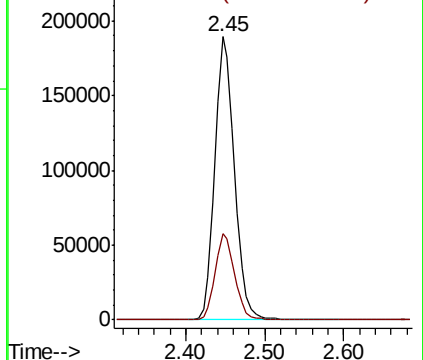
Ion Ratio Lower Upper

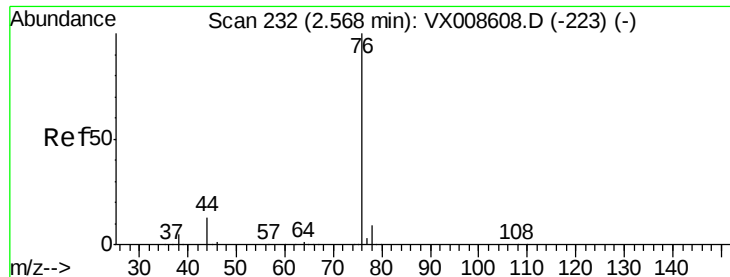
43 100

58 30.3 24.8 37.2



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

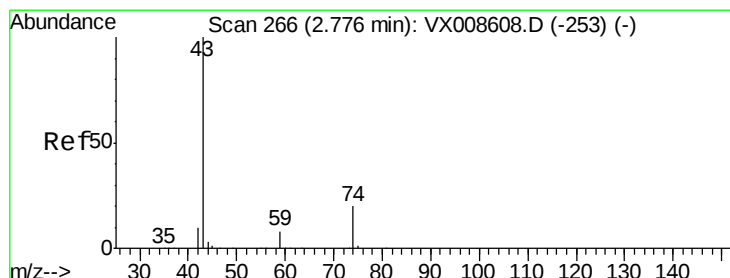
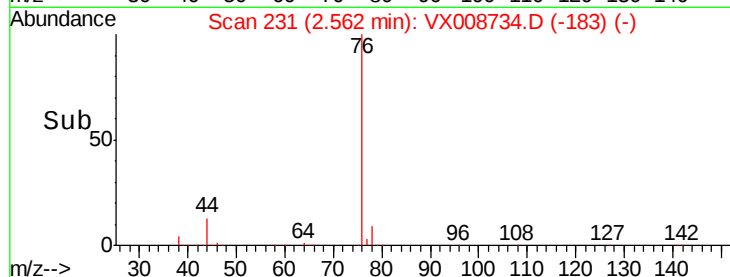
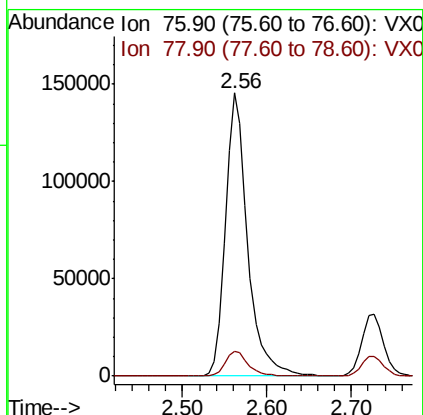
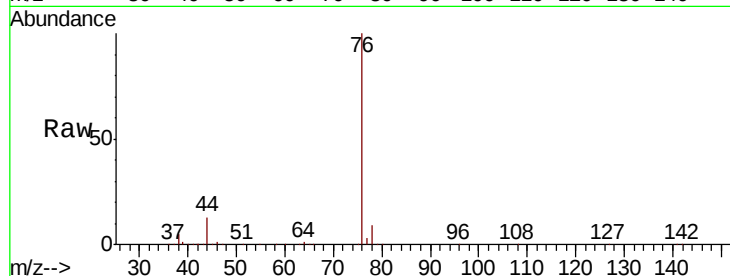




#17
Carbon Disulfide
Concen: 43.341 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

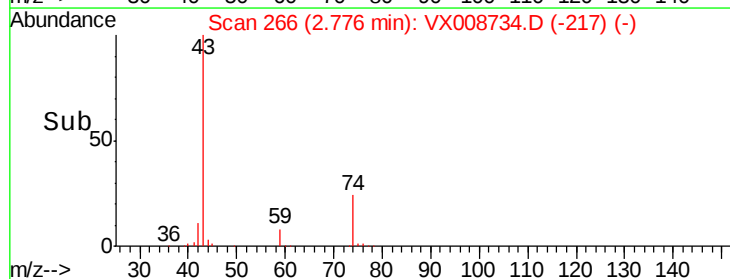
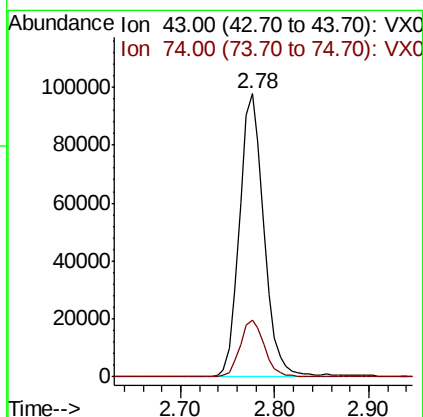
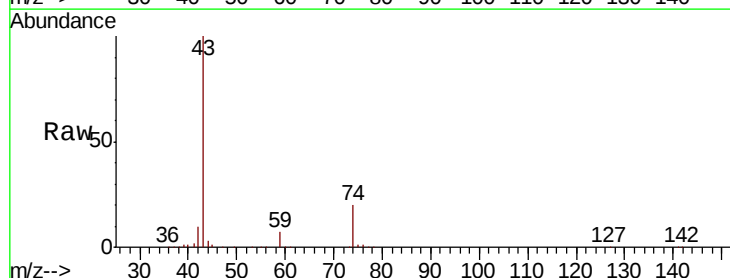
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

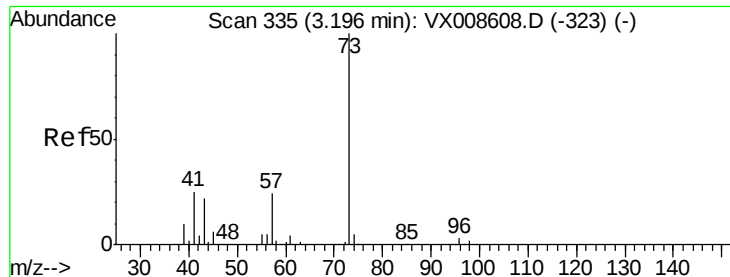
Tot Ion: 76 Resp: 262794
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 47.712 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 43 Resp: 176158
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7

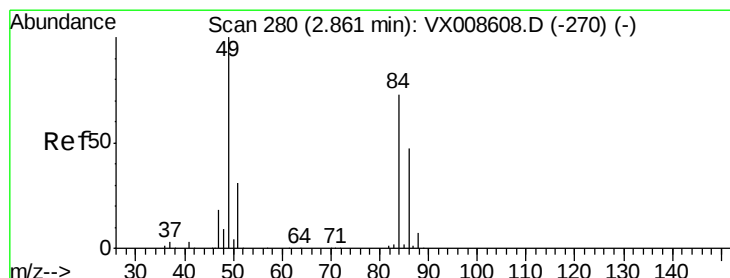
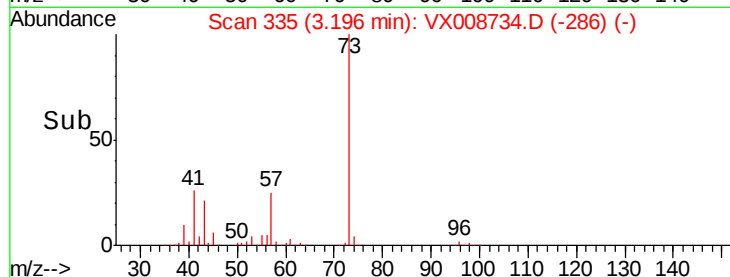
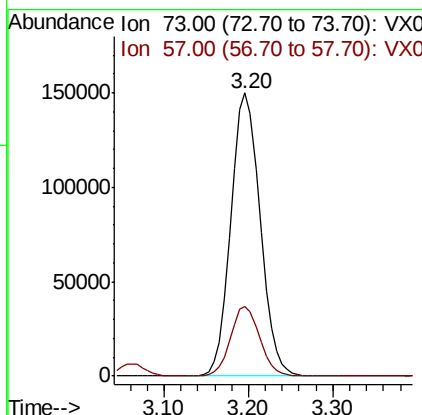
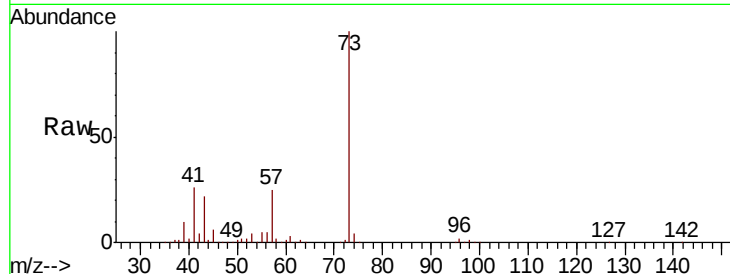




#19
Methvl tert-butvl Ether
Concen: 47.284 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

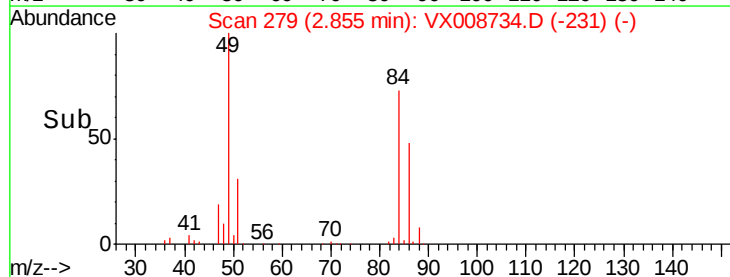
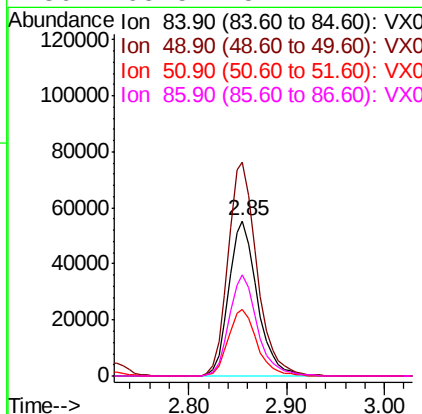
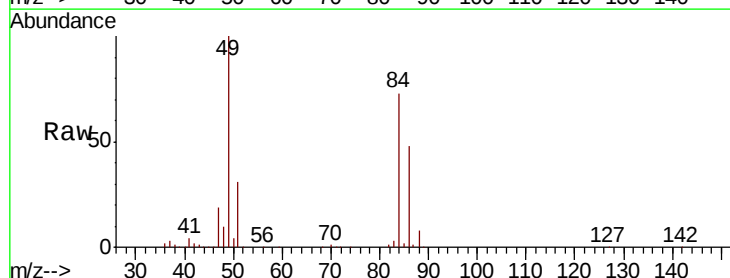
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

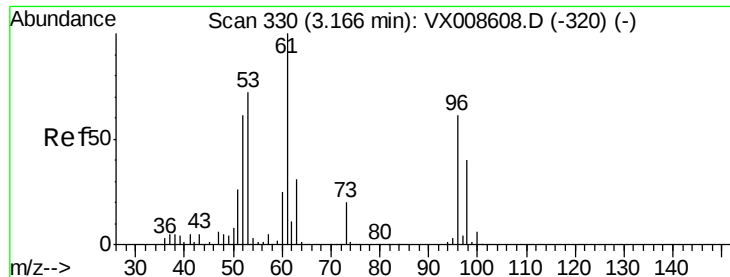
Tot Ion: 73 Resp: 353764
Ion Ratio Lower Upper
73 100
57 24.6 19.5 29.3



#20
Methylene Chloride
Concen: 43.803 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 84 Resp: 111619
Ion Ratio Lower Upper
84 100
49 137.7 109.7 164.5
51 43.2 33.6 50.4
86 65.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.948 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

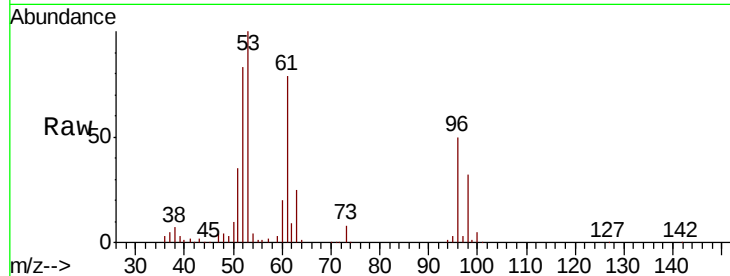
Tot Ion: 96 Resp: 99588

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

98 63.8 52.2 78.2



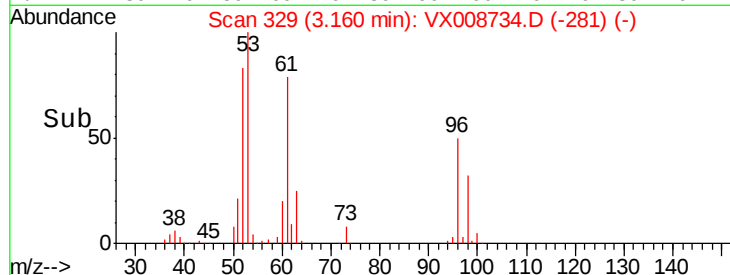
Abundance

Ion 95.90 (95.60 to 96.60): VX0

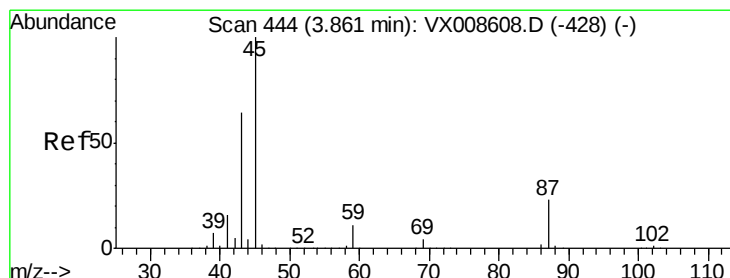
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 46.851 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion: 45 Resp: 433079

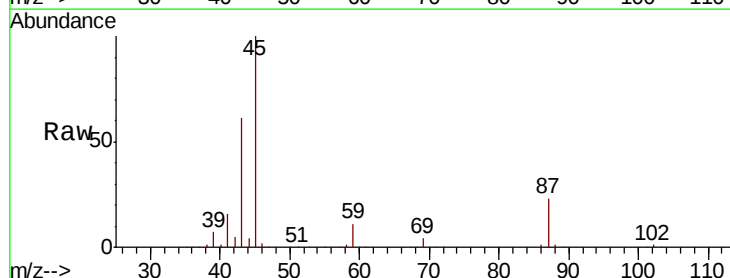
Ion Ratio Lower Upper

45 100

43 60.6 51.3 76.9

87 22.7 18.1 27.1

59 10.7 8.6 13.0



Abundance

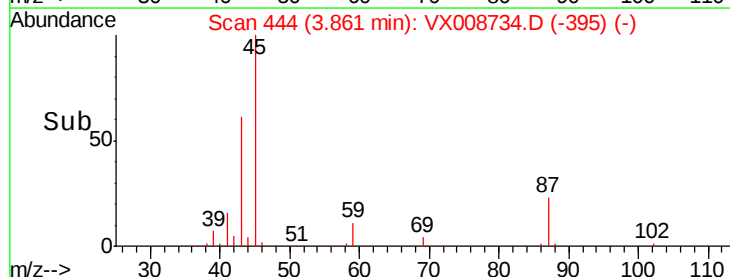
Ion 45.00 (44.70 to 45.70): VX0

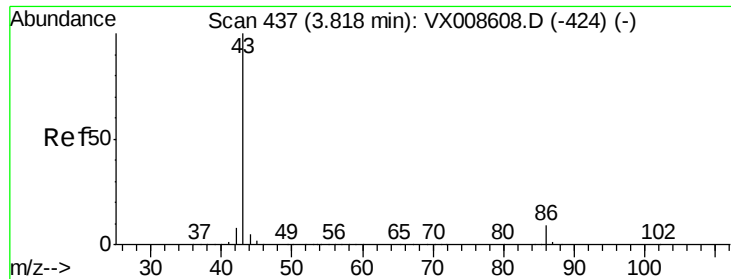
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->





#23

Vinyl Acetate

Concen: 238.057 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

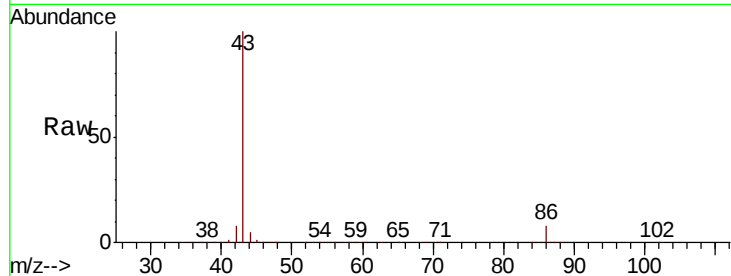
VSTDCCC050EC

Tot Ion: 43 Resp: 1914321

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX008608.D (-424) (-)

3.81

800000

600000

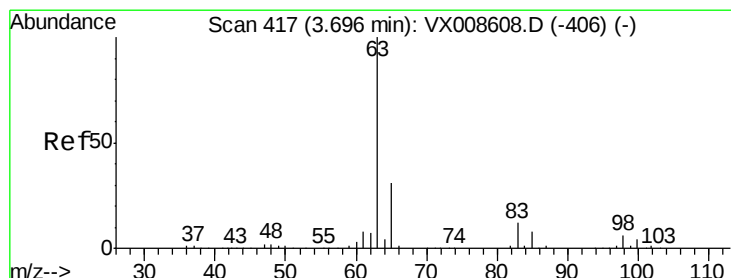
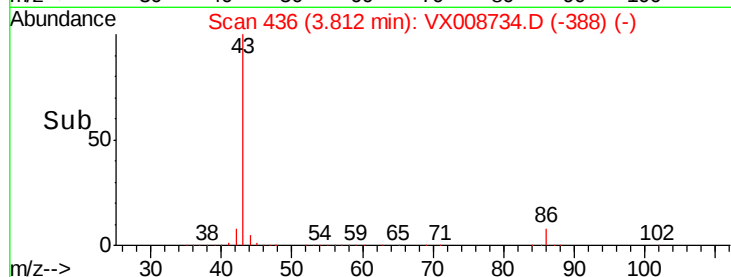
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.015 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

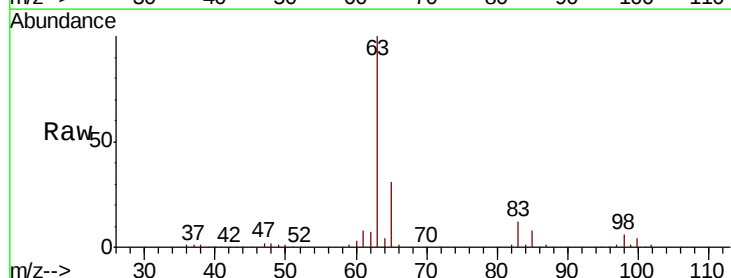
Tgt Ion: 63 Resp: 210595

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX008608.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX008608.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX008608.D (-406) (-)

120000

100000

80000

60000

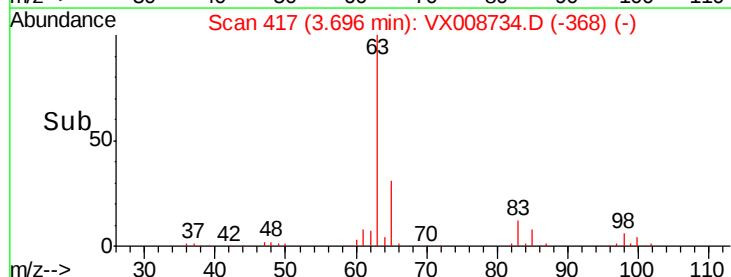
40000

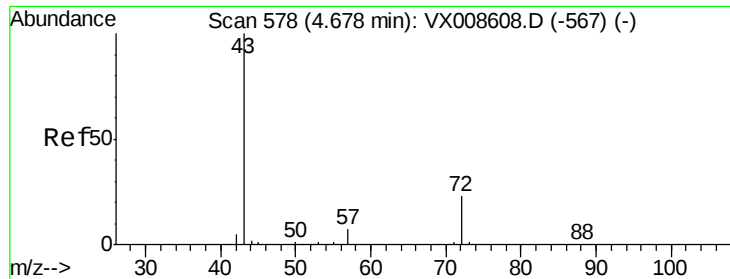
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 238.026 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

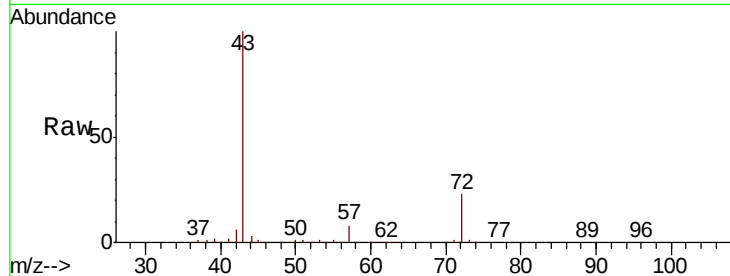
VSTDCCC050EC

Tot Ion: 43 Resp: 572717

Ion Ratio Lower Upper

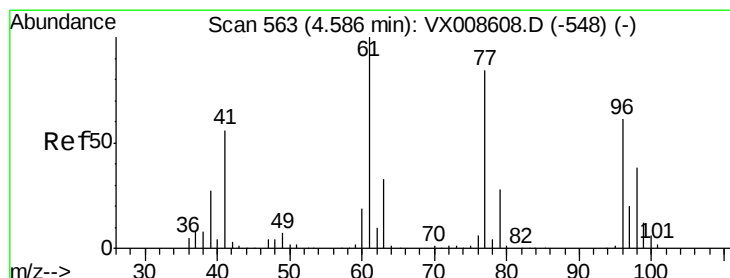
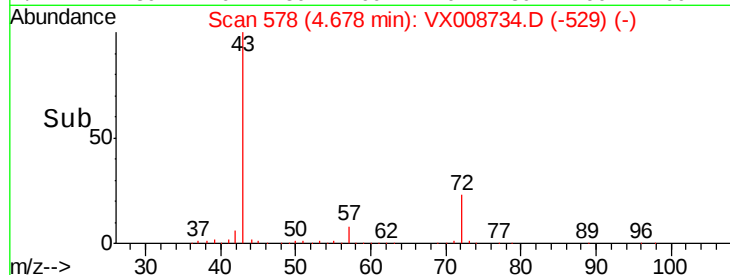
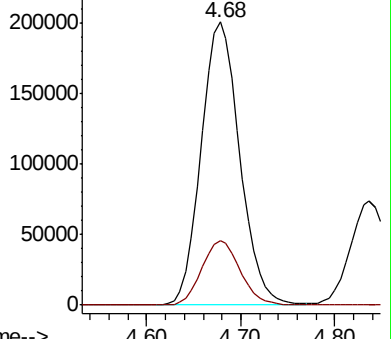
43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.486 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008734.D

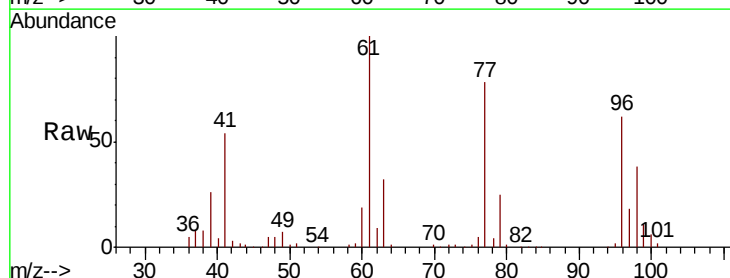
Acq: 06 Apr 2019 20:32

Tgt Ion: 77 Resp: 124056

Ion Ratio Lower Upper

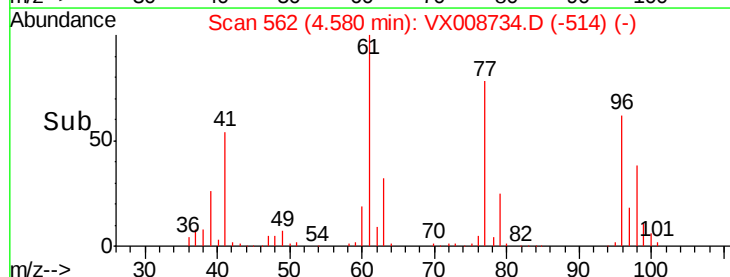
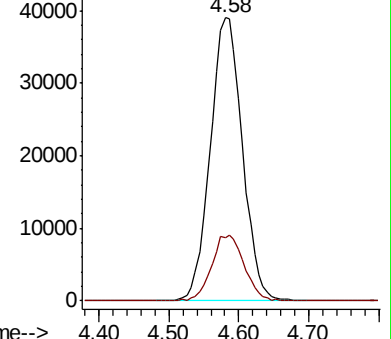
77 100

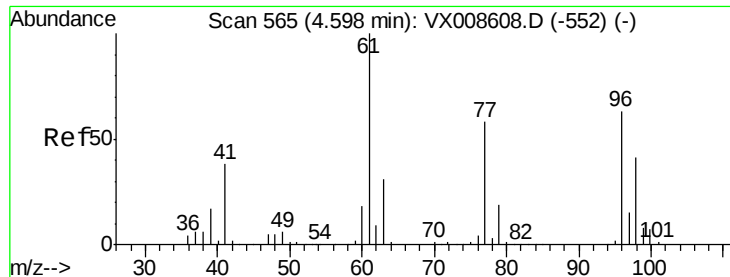
97 23.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



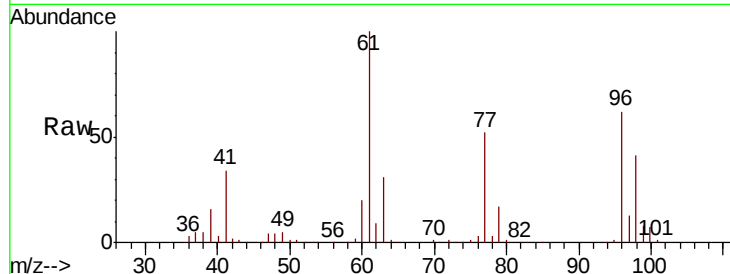


#27

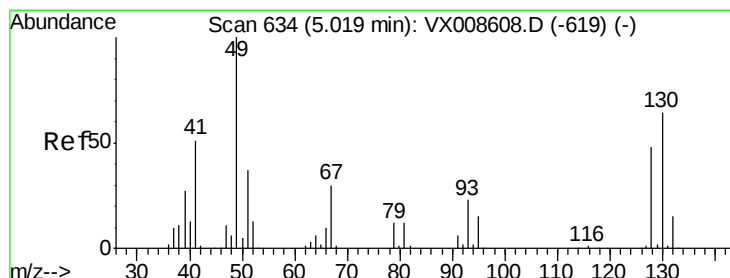
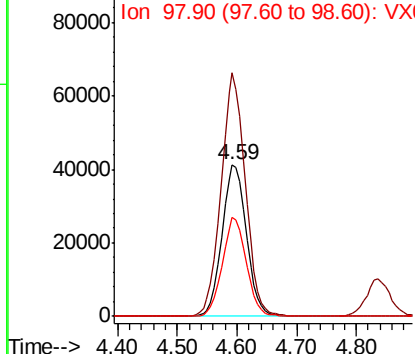
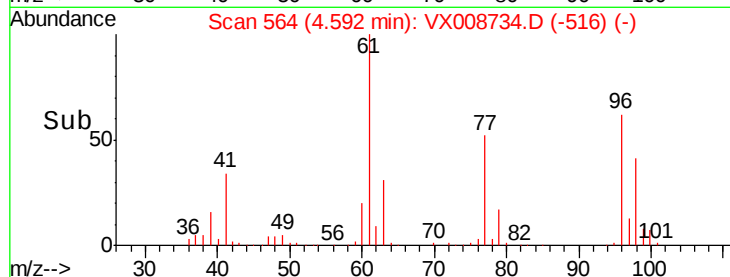
cis-1,2-Dichloroethene
Concen: 45.037 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 117338
Ion Ratio Lower Upper
96 100
61 159.5 0.0 327.6
98 63.9 0.0 128.6



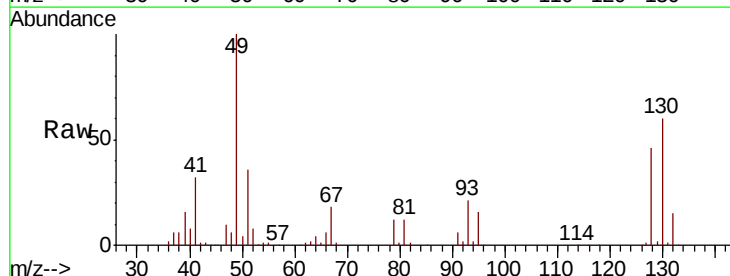
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



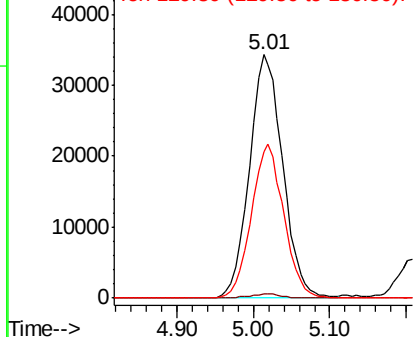
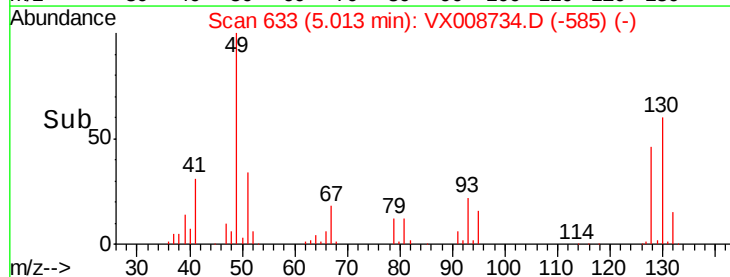
#28

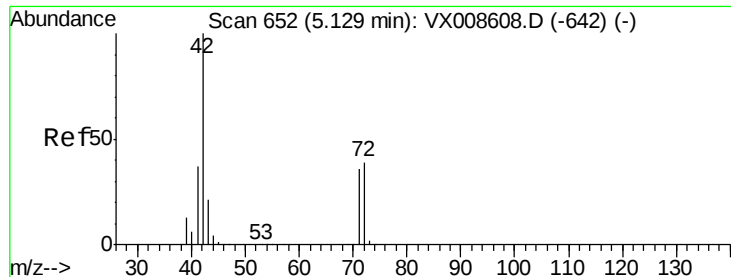
Bromochloromethane
Concen: 54.659 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 49 Resp: 103956
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 61.5 49.3 73.9



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





#29

Tetrahydrofuran

Concen: 239.139 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

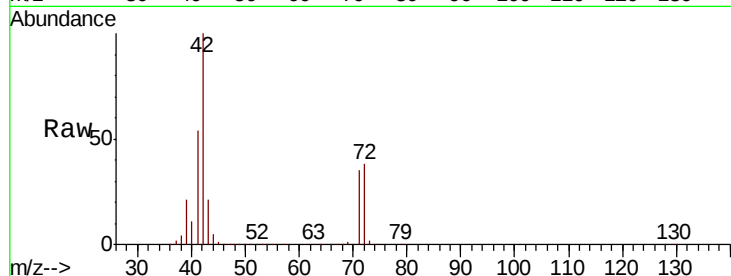
Tot Ion: 42 Resp: 381903

Ion Ratio Lower Upper

42 100

72 37.9 30.5 45.7

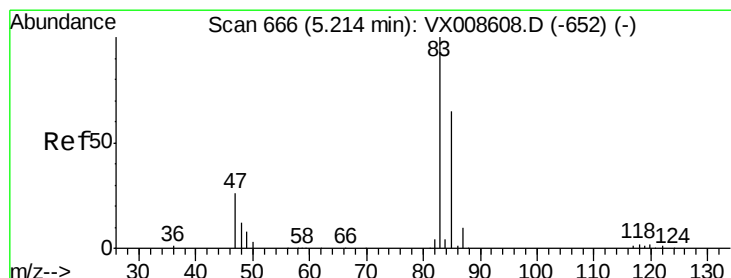
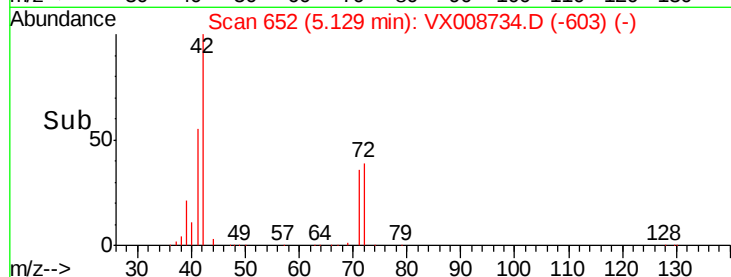
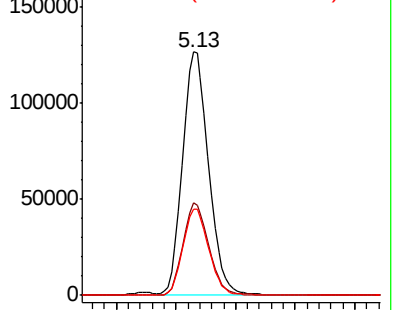
71 35.4 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.331 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008734.D

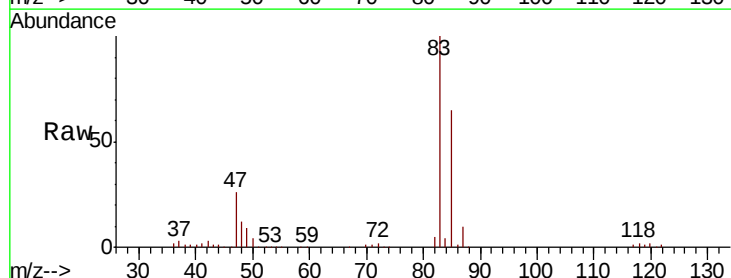
Acq: 06 Apr 2019 20:32

Tgt Ion: 83 Resp: 189390

Ion Ratio Lower Upper

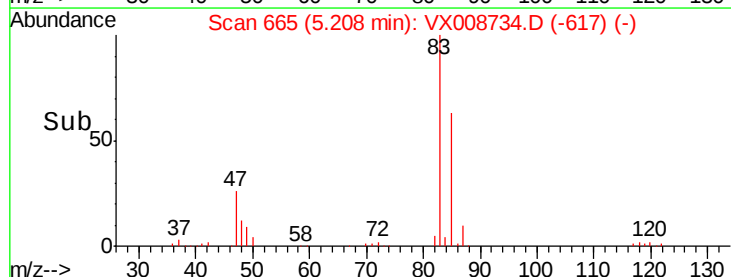
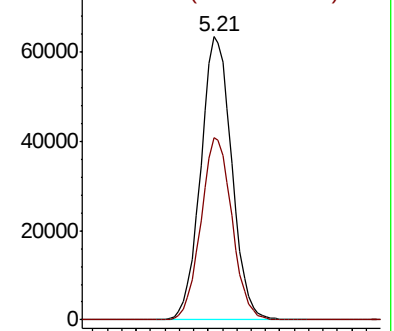
83 100

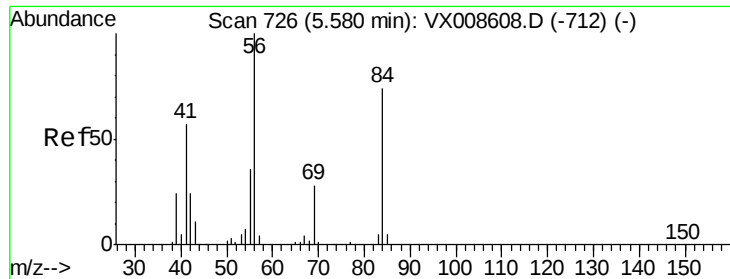
85 64.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

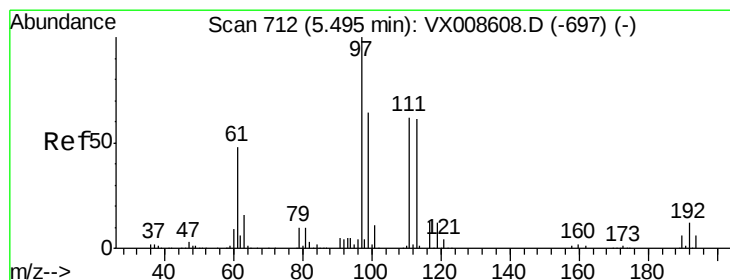
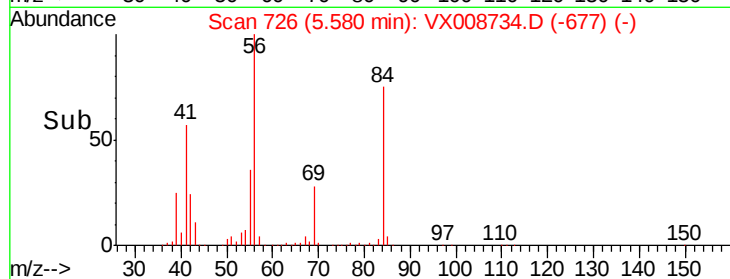
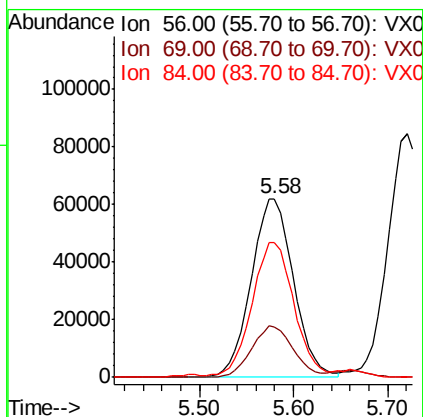
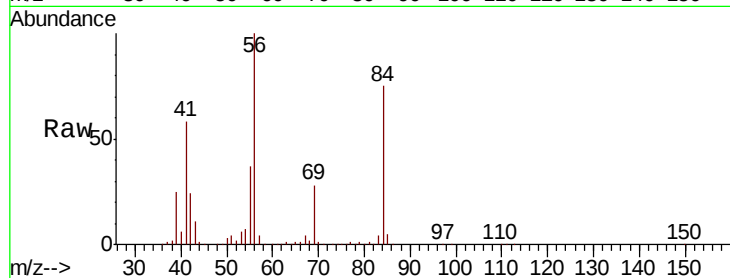




#31
Cyclohexane
Concen: 42.804 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

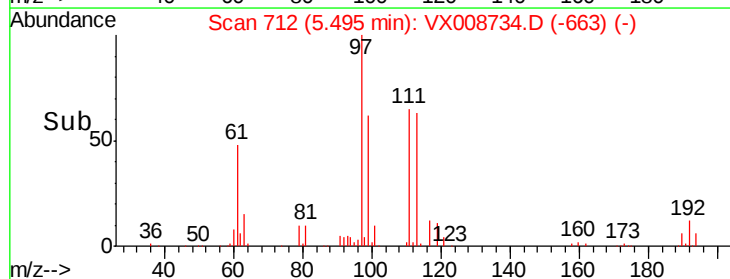
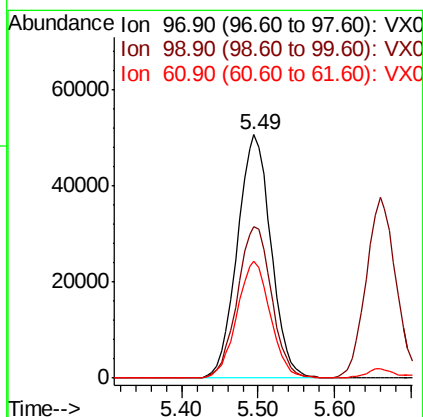
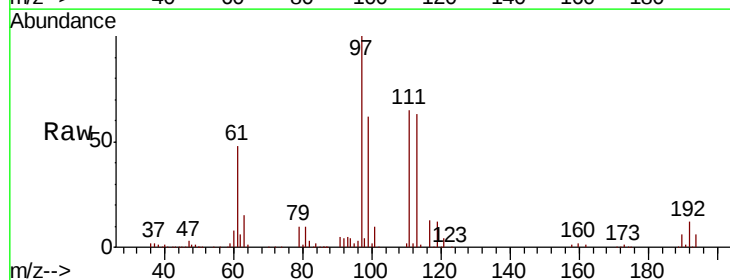
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

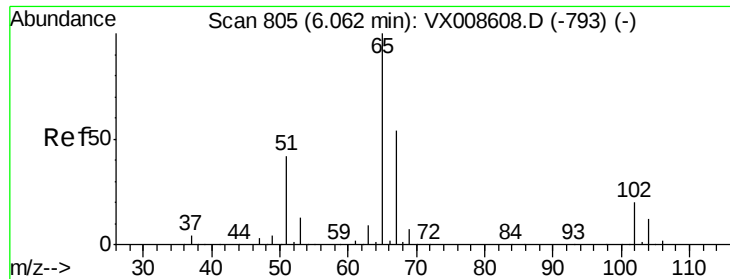
Tot Ion: 56 Resp: 195475
Ion Ratio Lower Upper
56 100
69 28.3 22.6 33.8
84 73.8 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 46.872 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 97 Resp: 154831
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 47.7 38.9 58.3

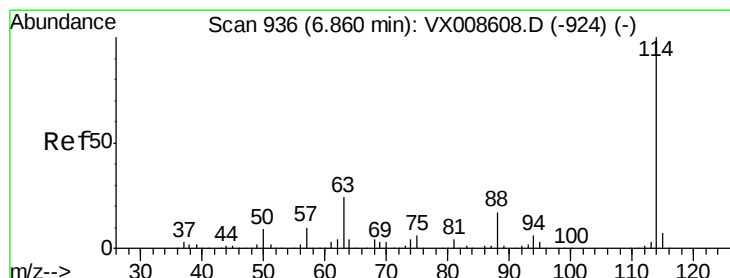
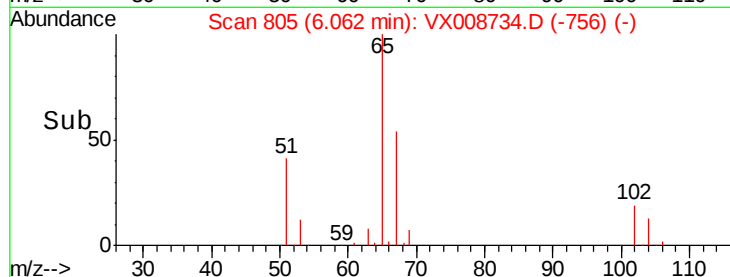
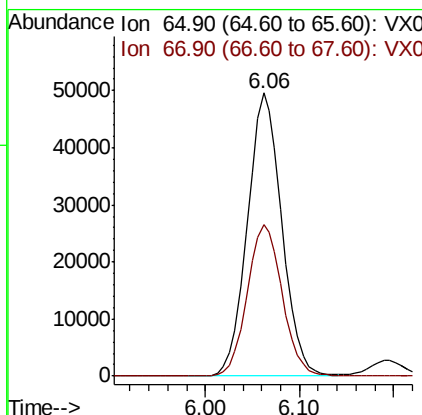
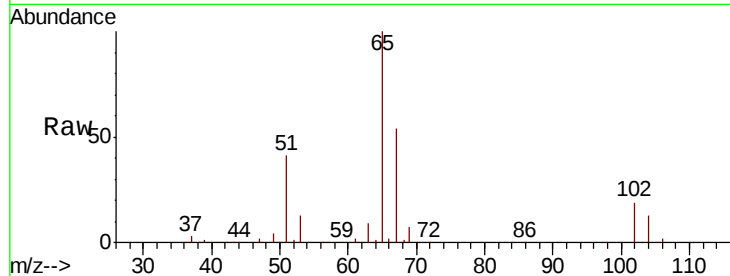




#33
 1,2-Dichloroethane-d4
 Concen: 48.076 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

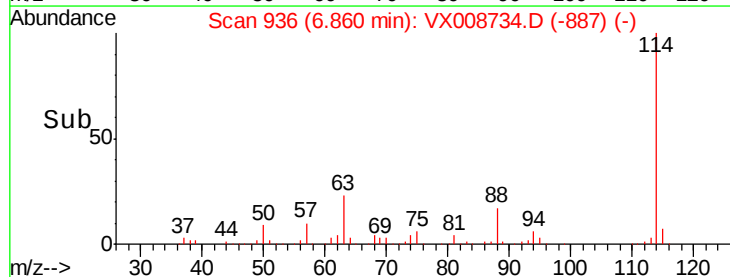
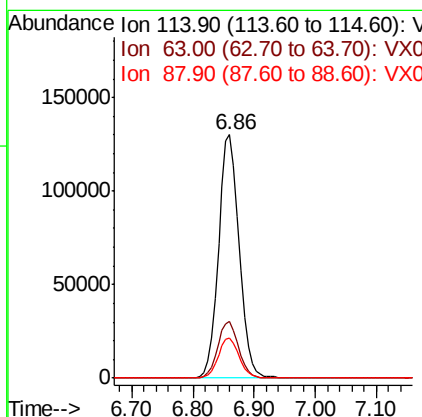
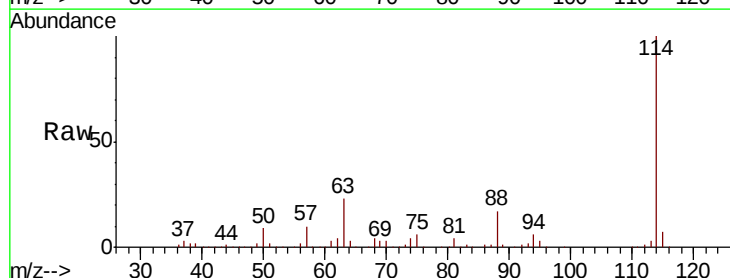
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

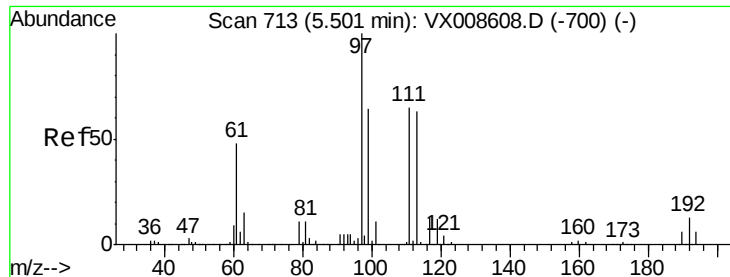
Tot Ion: 65 Resp: 127069
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 114 Resp: 306881
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.713 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

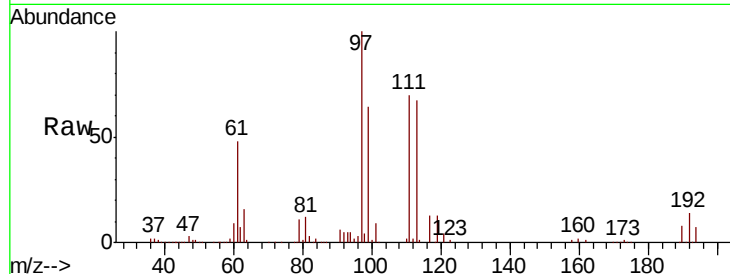
Tot Ion:113 Resp: 93617

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

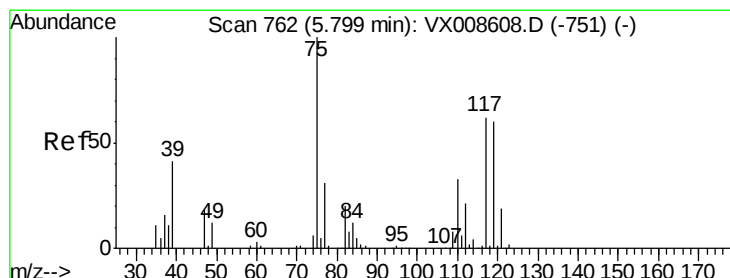
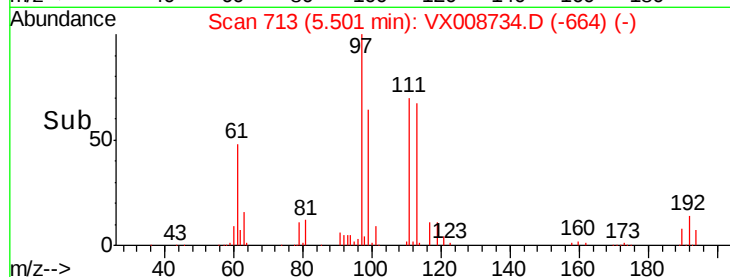
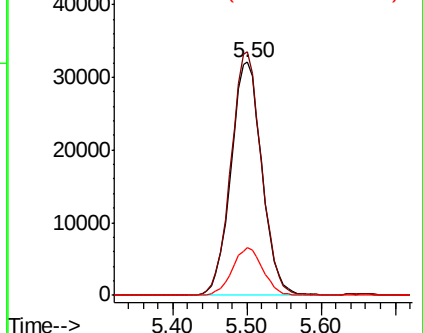
192 20.3 16.1 24.1



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: 43.099 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

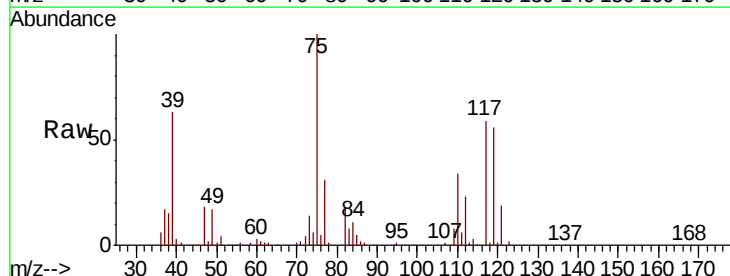
Tgt Ion: 75 Resp: 144575

Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.2

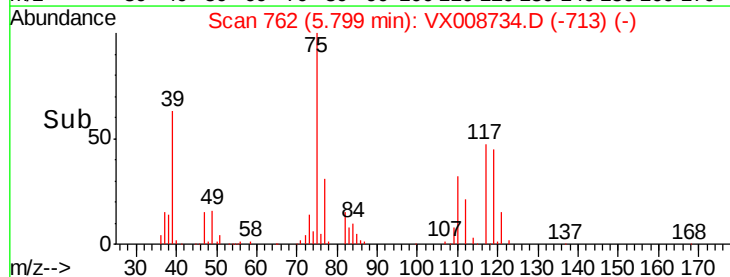
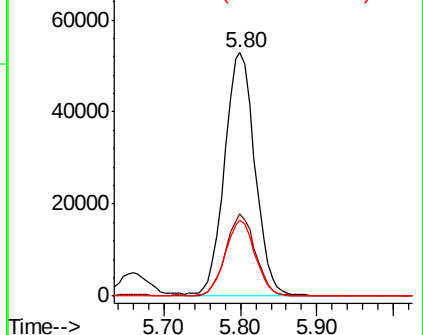
77 31.0 24.7 37.1

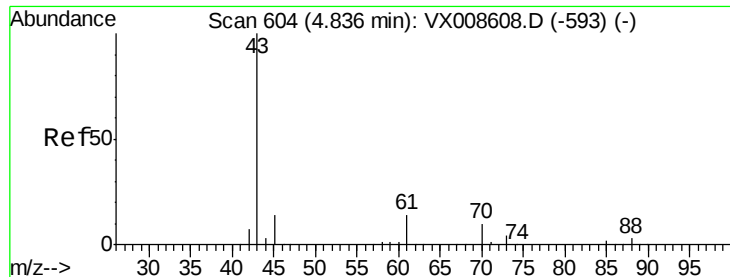


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.035 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

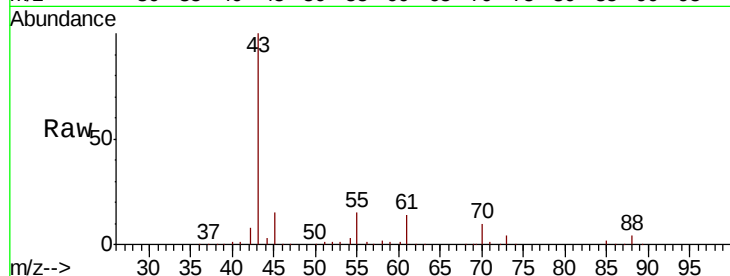
Tot Ion: 43 Resp: 215081

Ion Ratio Lower Upper

43 100

61 13.0 10.3 15.5

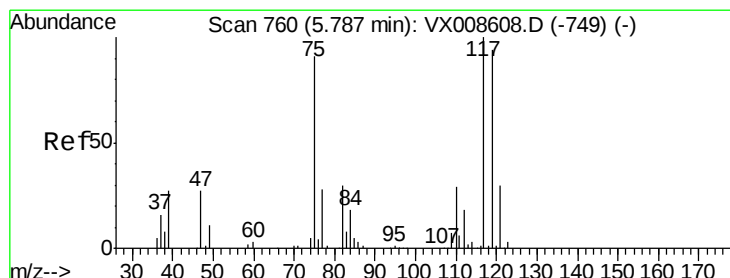
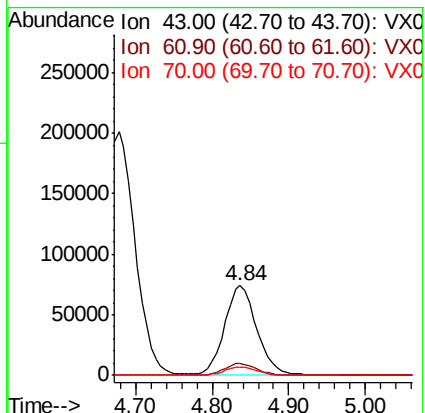
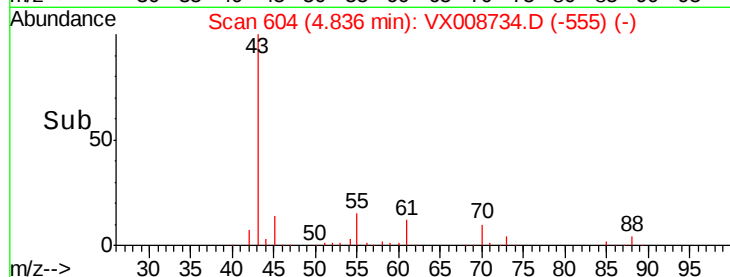
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008608.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008608.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 45.289 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

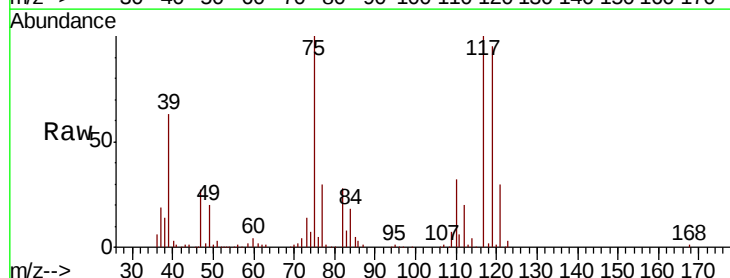
Tgt Ion: 117 Resp: 125741

Ion Ratio Lower Upper

117 100

119 95.4 75.0 112.6

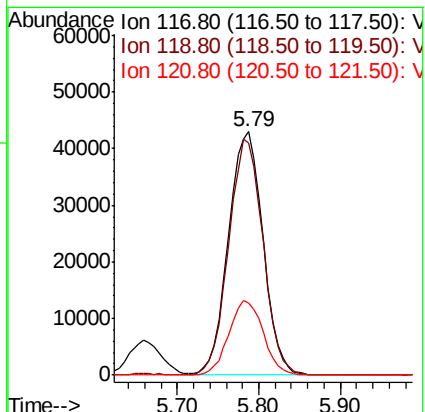
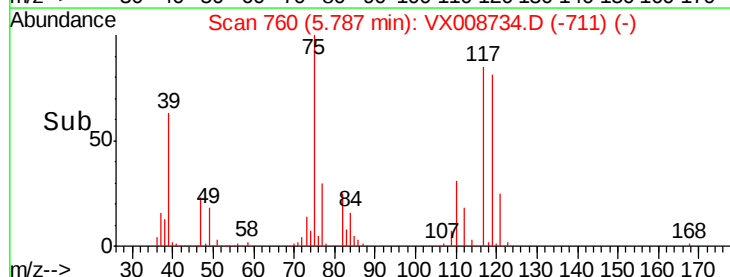
121 29.9 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

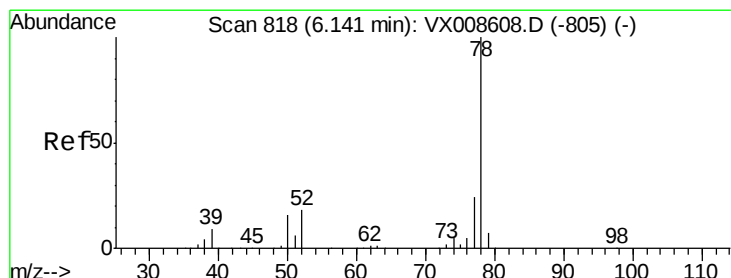
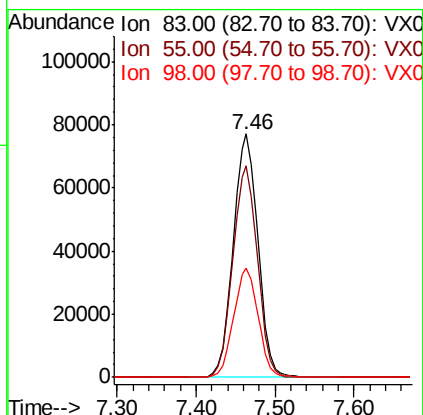
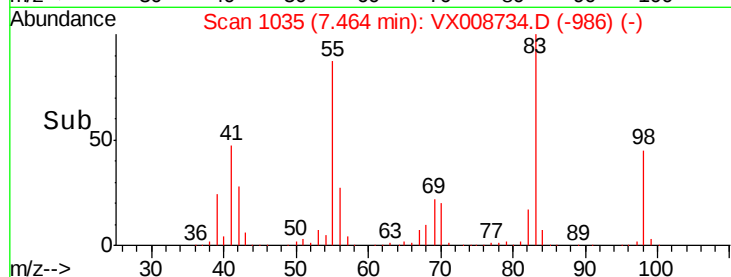
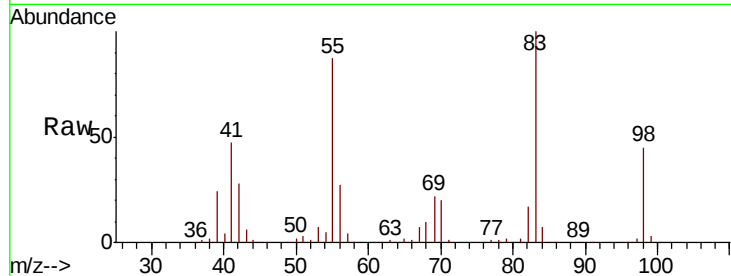




#39
Methvlcvclohexane
Concen: 40.477 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

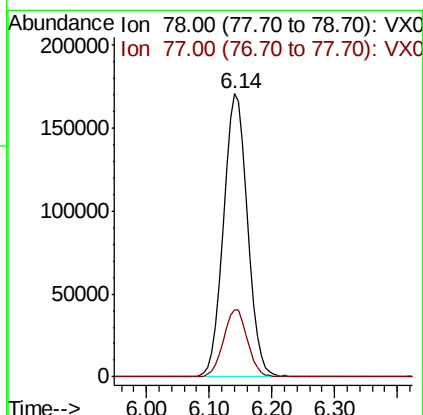
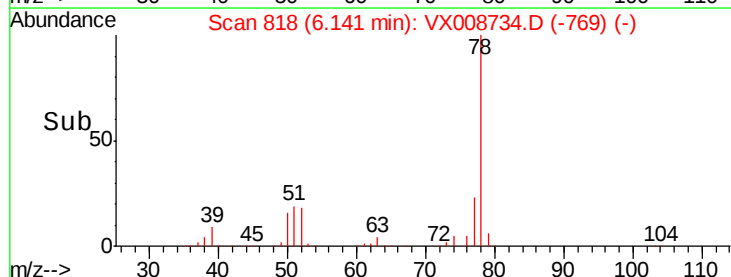
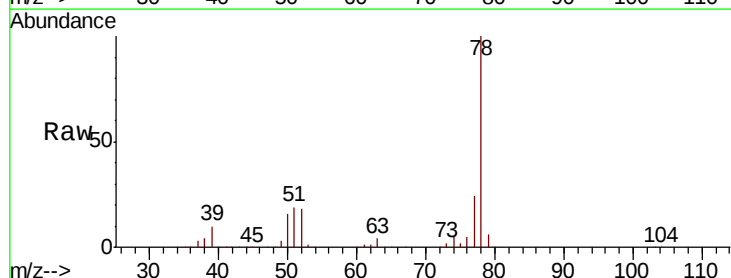
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

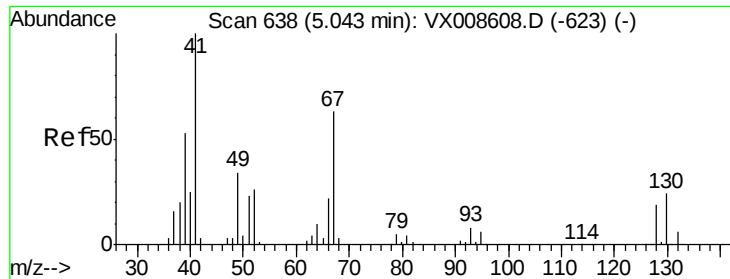
Tot Ion: 83 Resp: 167734
Ion Ratio Lower Upper
83 100
55 86.9 69.0 103.6
98 44.7 34.4 51.6



#40
Benzene
Concen: 45.260 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 78 Resp: 452308
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

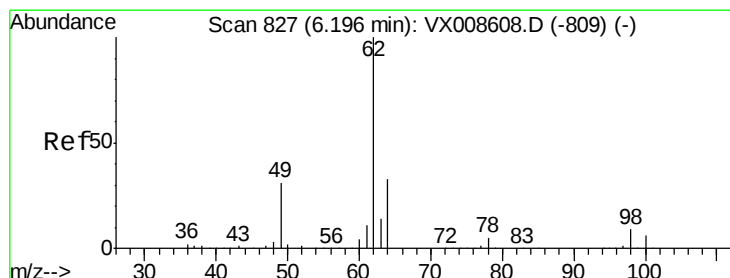
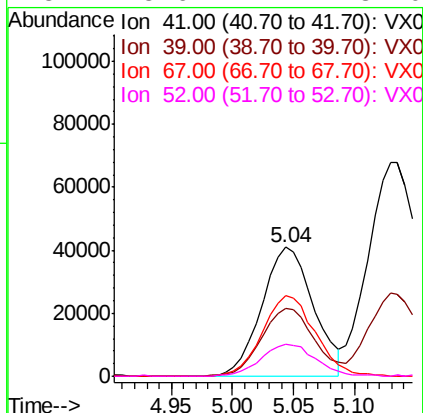
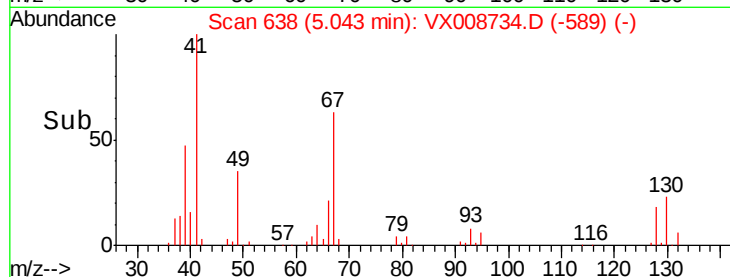
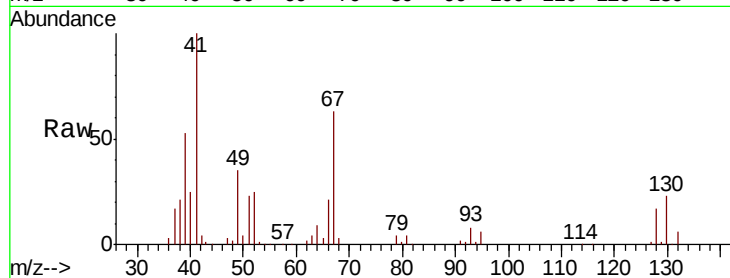




#41
Methacrylonitrile
Concen: 46.864 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

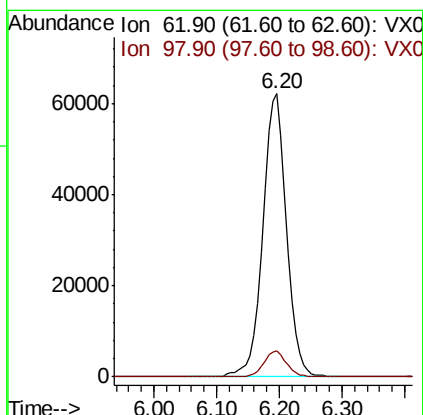
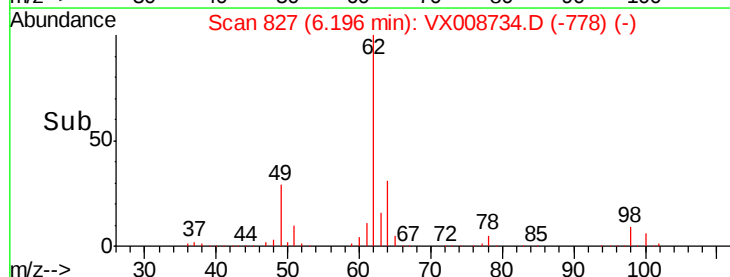
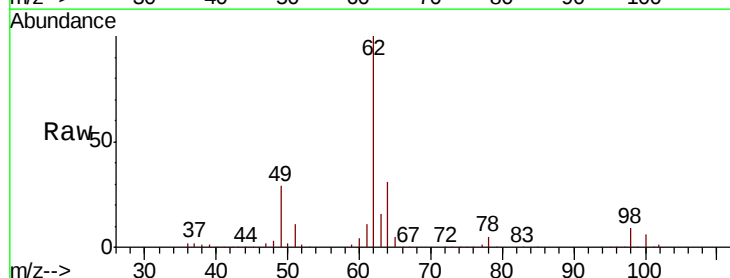
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

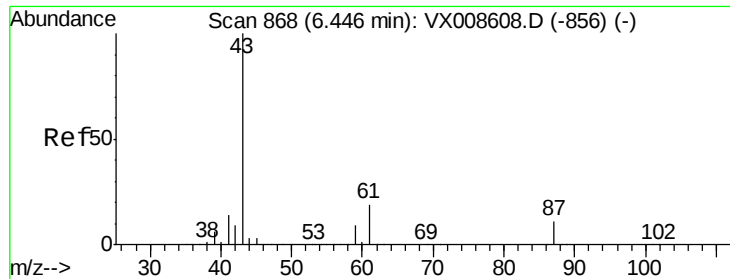
Tot Ion:	41	Resp:	120617
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.1	63.1
67	64.0	51.0	76.6
52	25.6	21.4	32.0



#42
1,2-Dichloroethane
Concen: 45.115 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion:	62	Resp:	161633
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



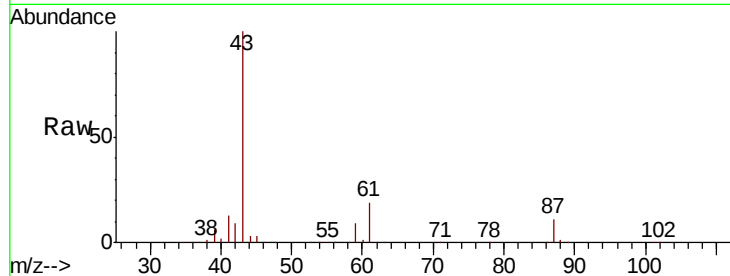


#43

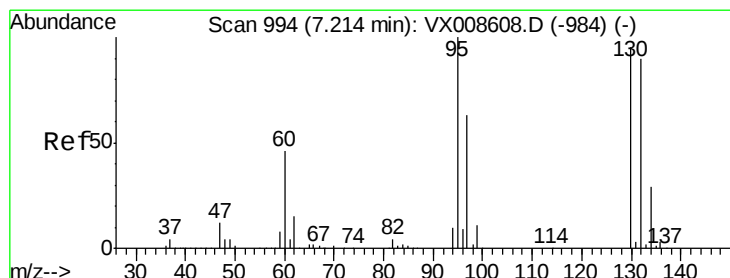
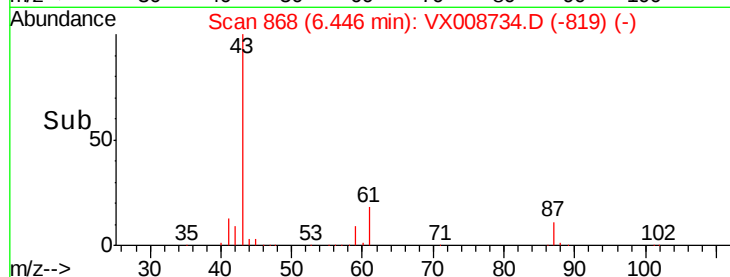
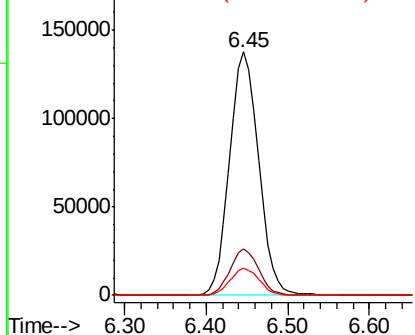
Isopropyl Acetate
 Concen: 48.367 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	339251
Ion Ratio	Lower	Upper	
43	100		
61	18.9	15.3	22.9
87	11.2	9.0	13.6



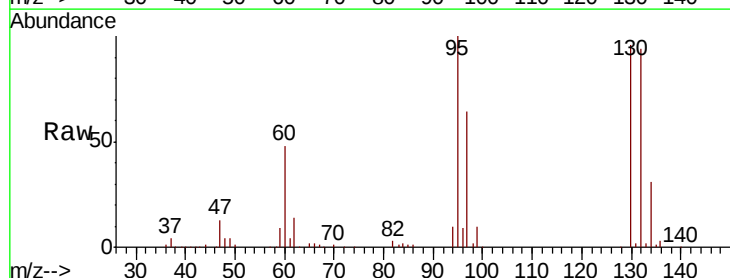
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



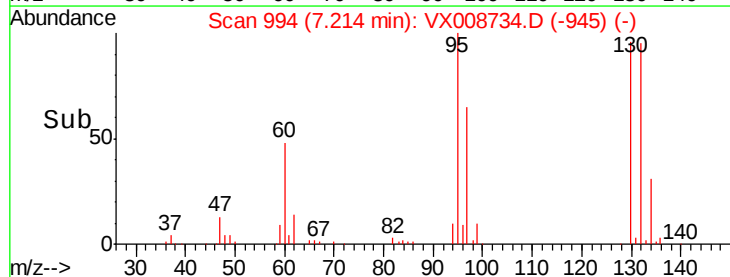
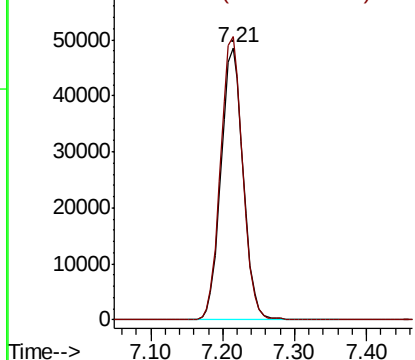
#44

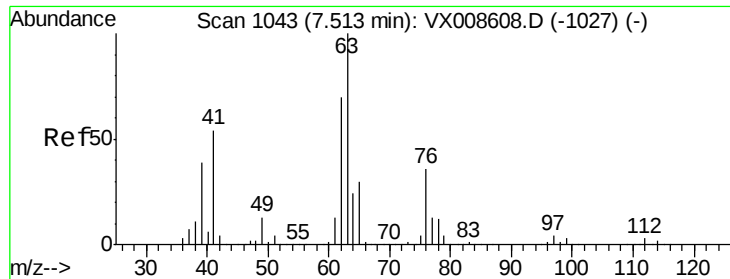
Trichloroethene
 Concen: 44.857 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	130	Resp	104406
Ion Ratio	Lower	Upper	
130	100		
95	103.9	0.0	209.8



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





#45

1,2-Dichloropropane

Concen: 45.386 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

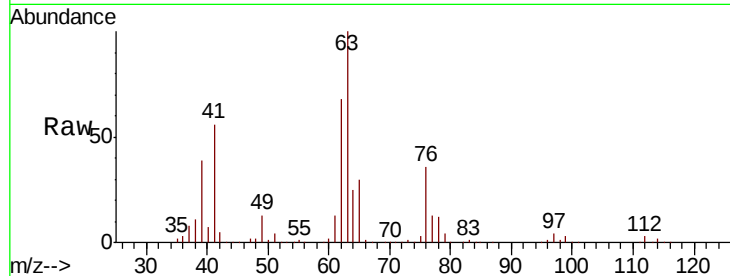
VSTDCCC050EC

Tot Ion: 63 Resp: 129458

Ion Ratio Lower Upper

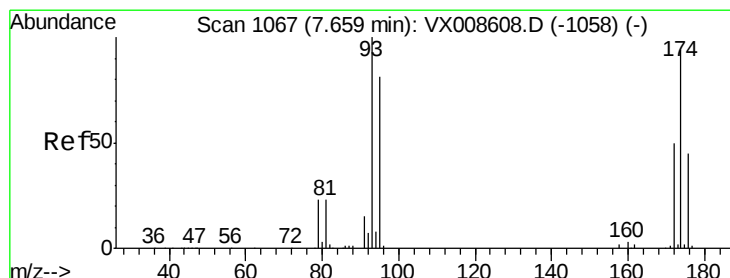
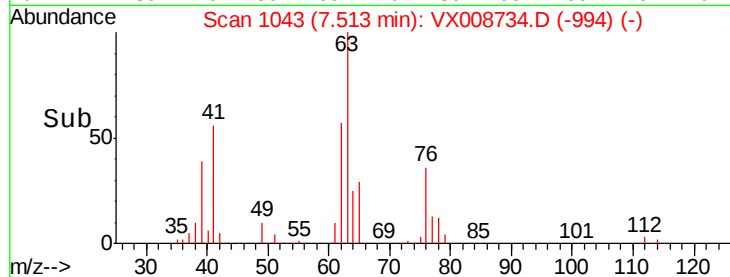
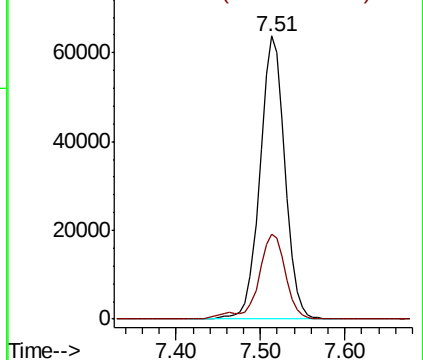
63 100

65 30.2 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.599 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

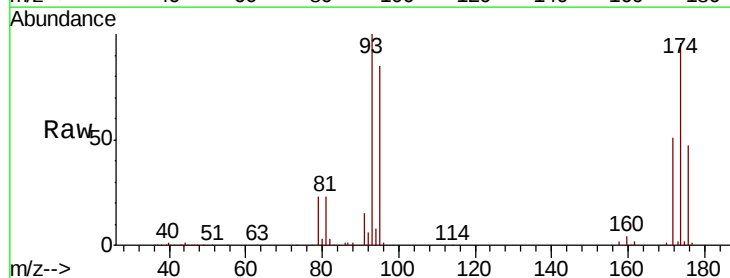
Tgt Ion: 93 Resp: 73781

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

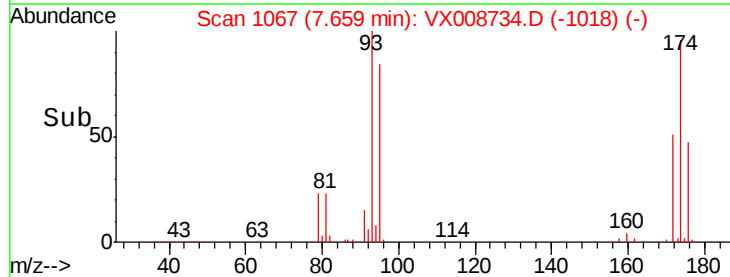
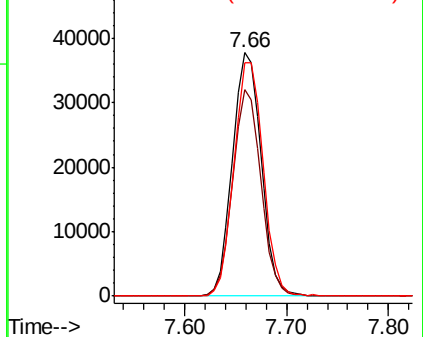
174 97.5 77.7 116.5

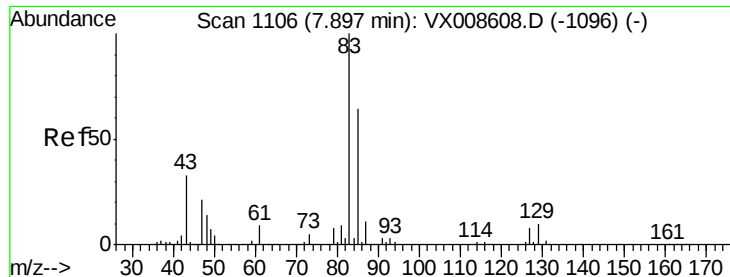


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.830 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

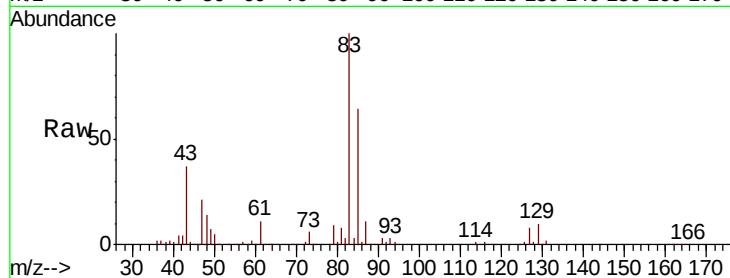
Tot Ion: 83 Resp: 146073

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

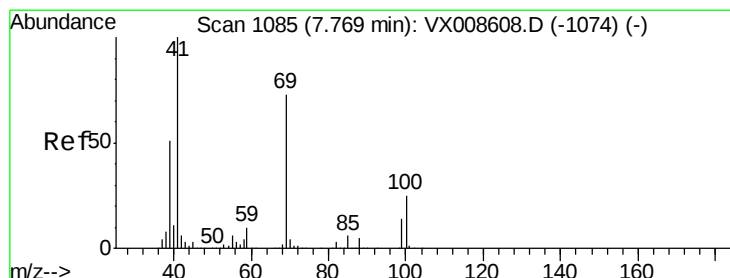
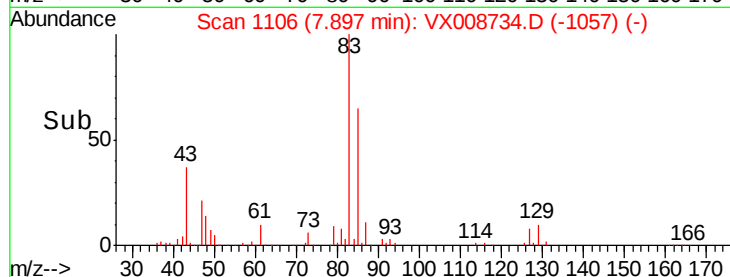
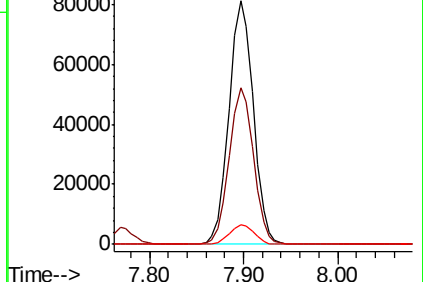
127 8.2 6.6 10.0



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: 48.061 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

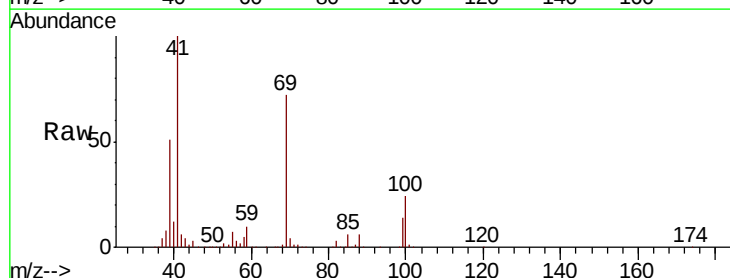
Tgt Ion: 41 Resp: 170526

Ion Ratio Lower Upper

41 100

69 73.6 59.0 88.4

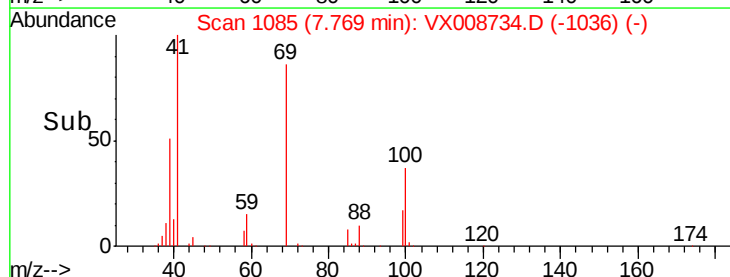
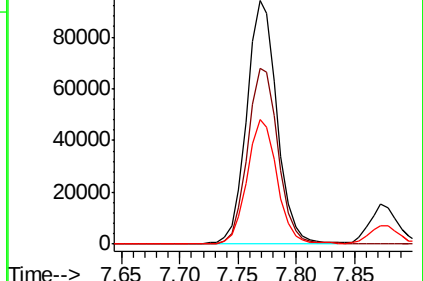
39 50.5 41.0 61.4

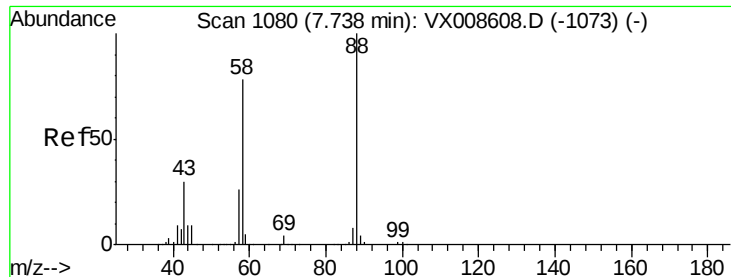


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

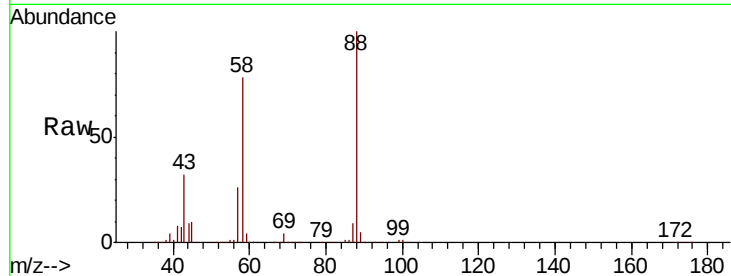




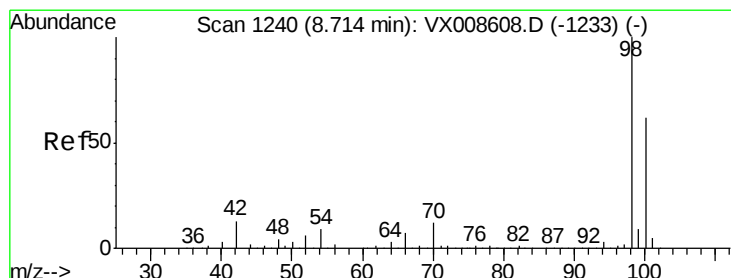
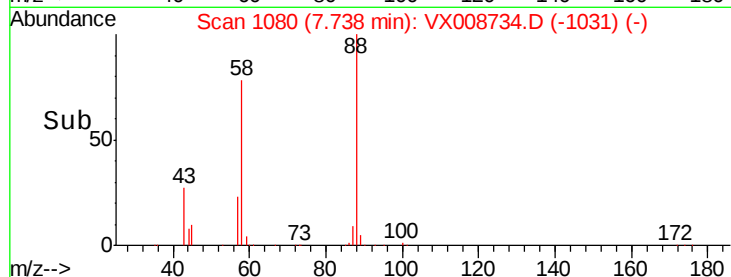
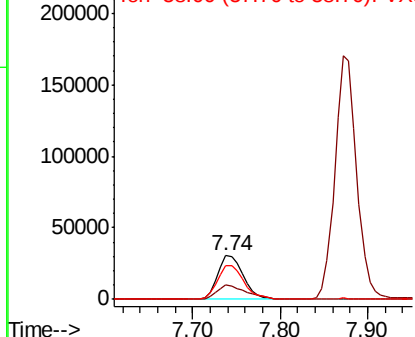
#49
 1,4-Dioxane
 Concen: 940.541 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 62514
 Ion Ratio Lower Upper
 88 100
 43 36.7 28.6 43.0
 58 79.7 62.2 93.2

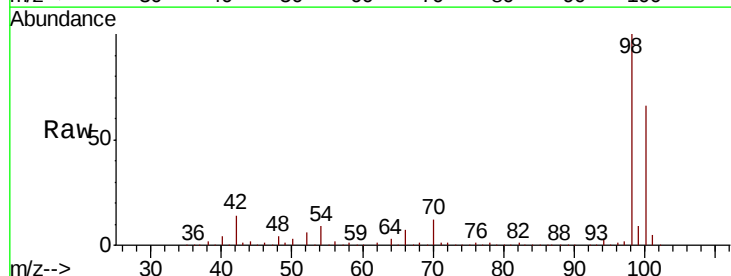


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

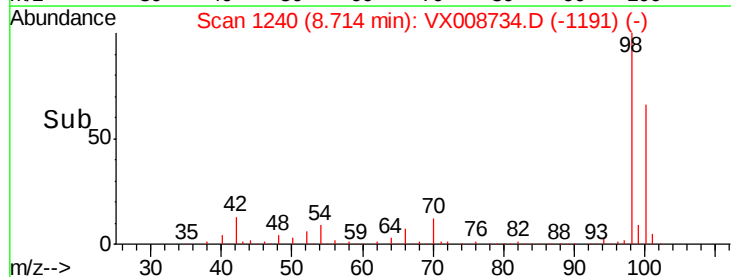
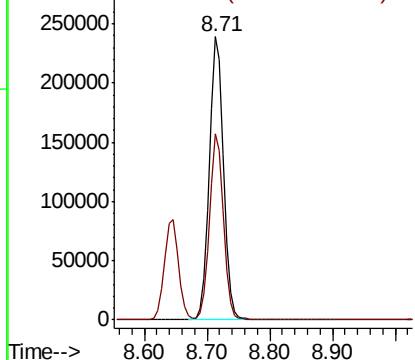


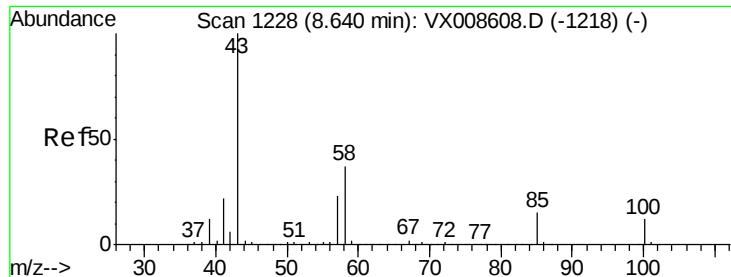
#50
 Toluene-d8
 Concen: 47.824 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 98 Resp: 373628
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

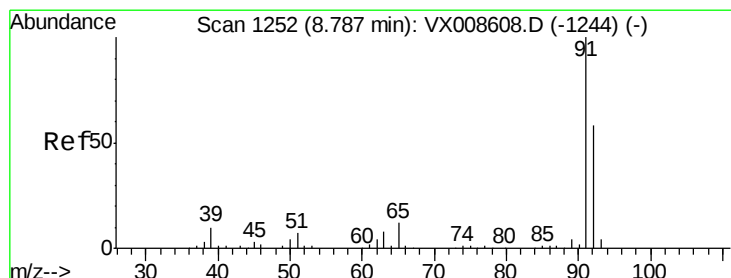
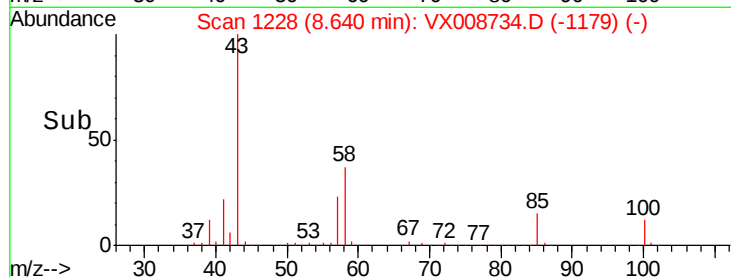
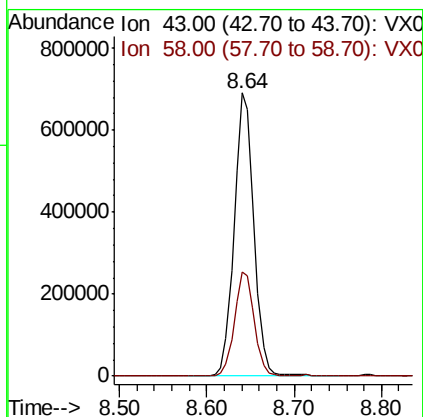
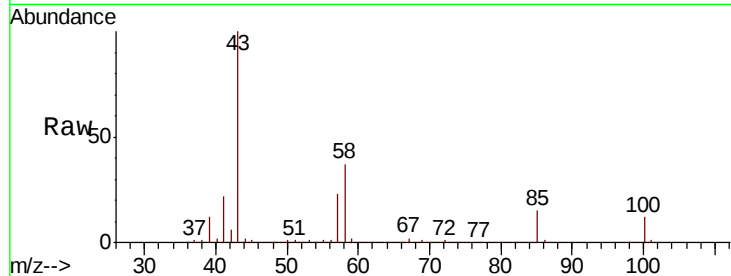




#51
4-Methyl-2-Pentanone
Concen: 240.926 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

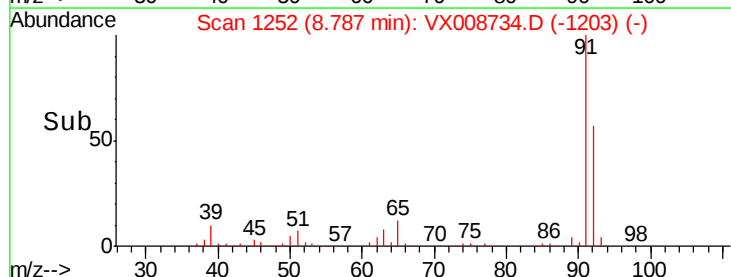
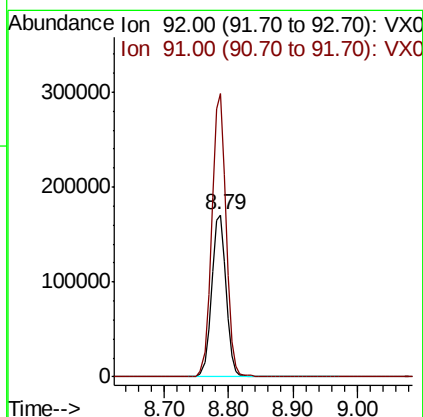
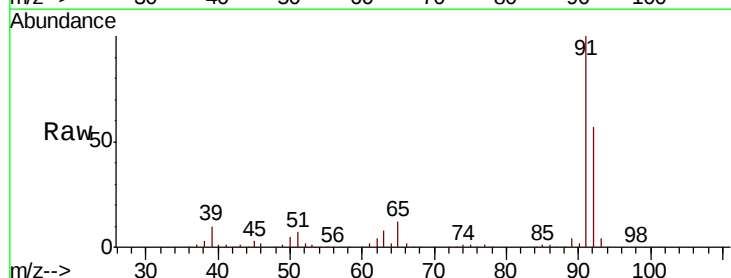
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

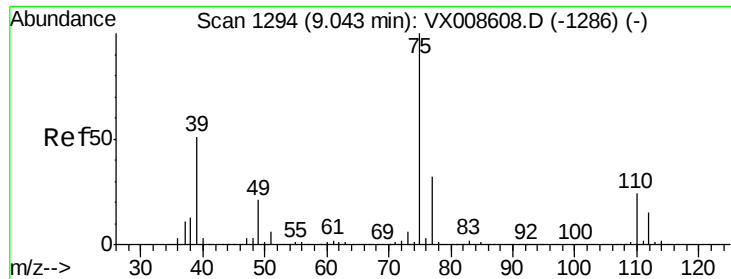
Tot Ion: 43 Resp: 1087842
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3



#52
Toluene
Concen: 45.852 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 92 Resp: 270147
Ion Ratio Lower Upper
92 100
91 172.7 138.5 207.7

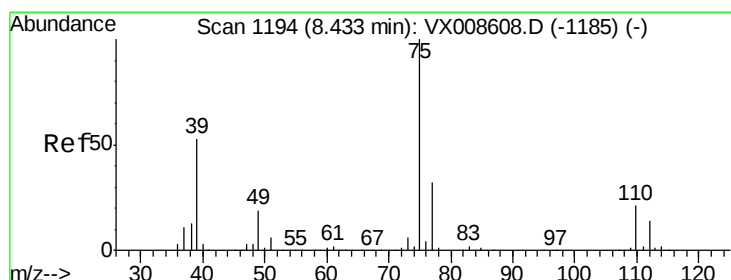
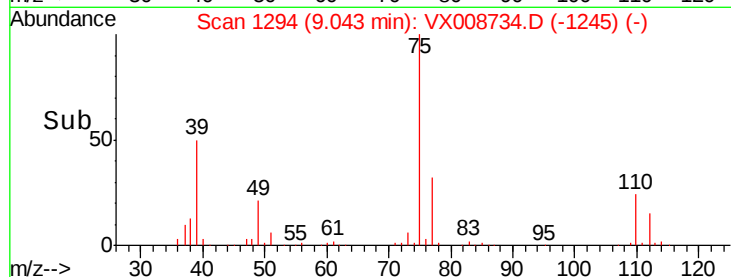
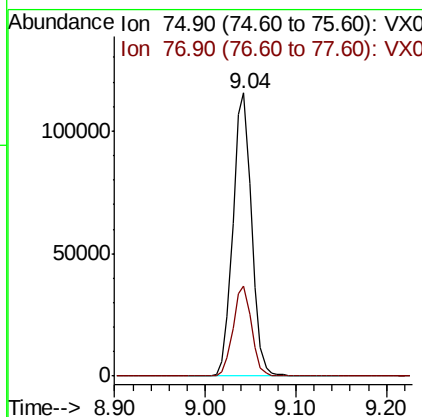
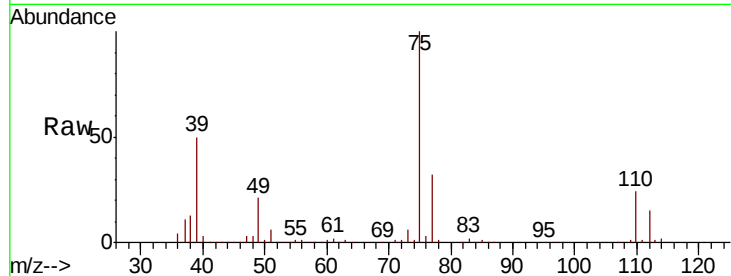




#53
 t-1,3-Dichloropropene
 Concen: 47.086 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

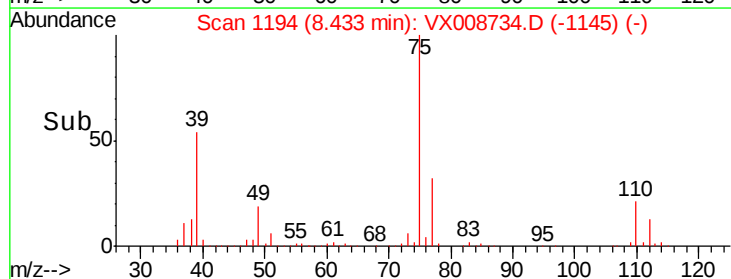
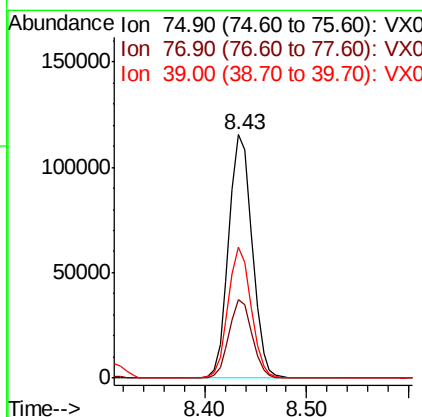
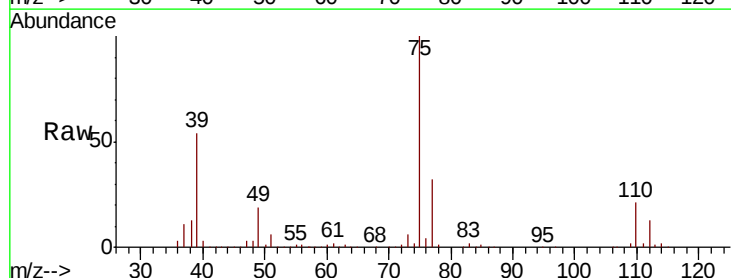
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

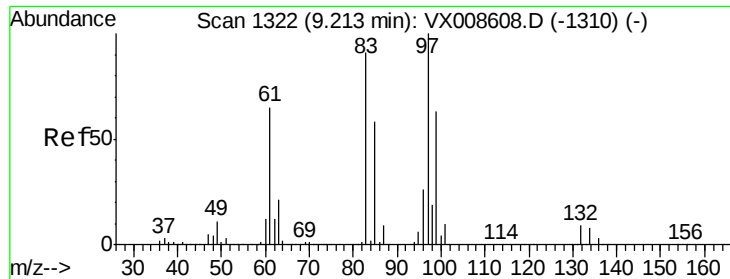
Tot Ion: 75 Resp: 164521
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.915 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 75 Resp: 183314
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 53.9 42.6 63.8

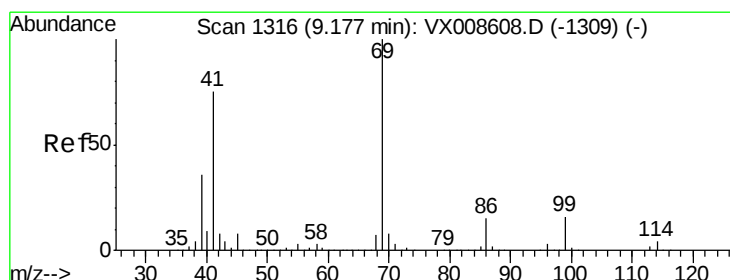
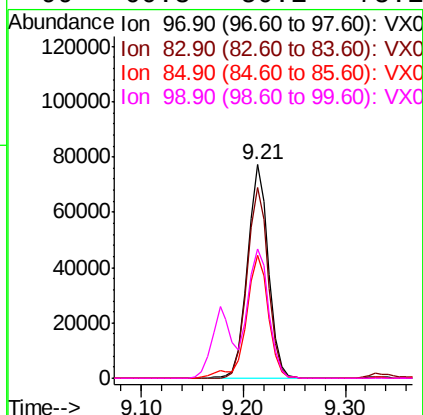
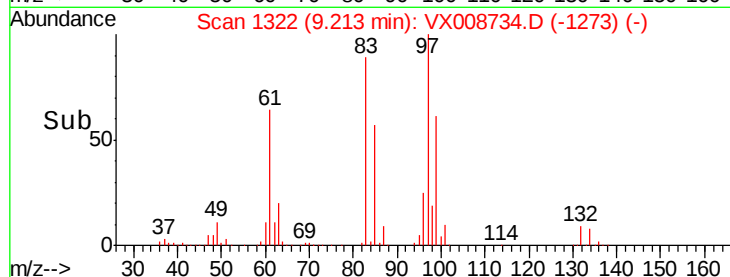
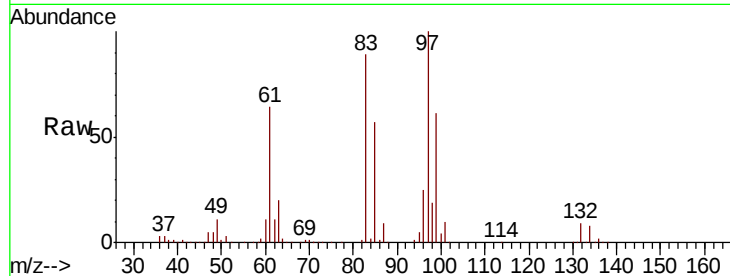




#55
 1,1,2-Trichloroethane
 Concen: 46.855 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

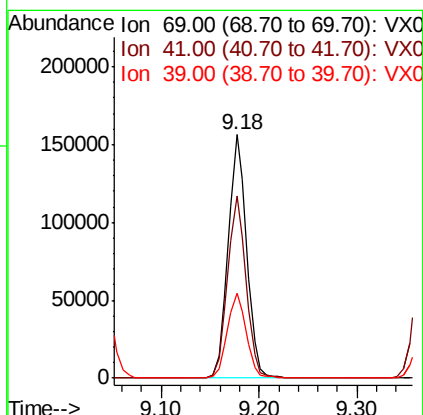
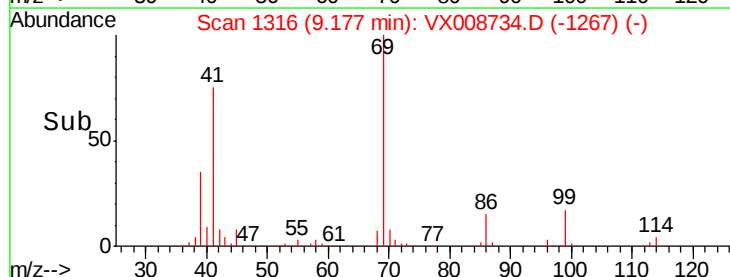
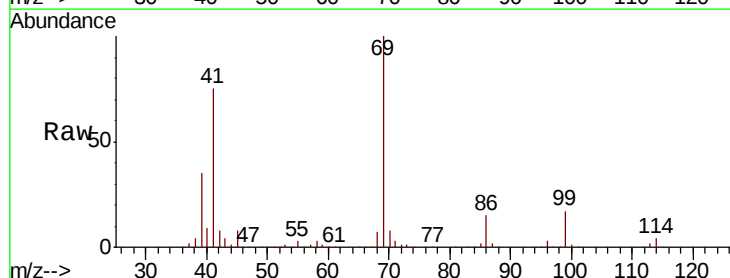
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

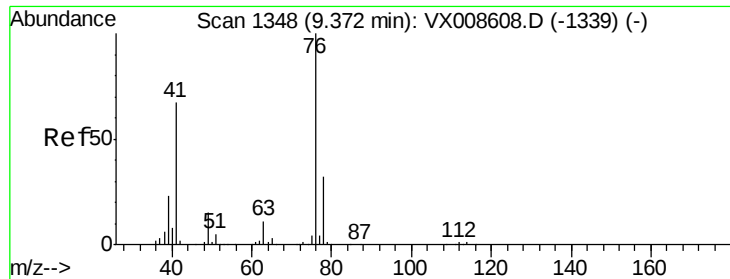
Tot Ion: 97 Resp: 110810
 Ion Ratio Lower Upper
 97 100
 83 89.1 73.2 109.8
 85 57.5 46.6 69.8
 99 60.8 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 48.107 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 69 Resp: 205850
 Ion Ratio Lower Upper
 69 100
 41 75.1 60.1 90.1
 39 35.6 28.9 43.3

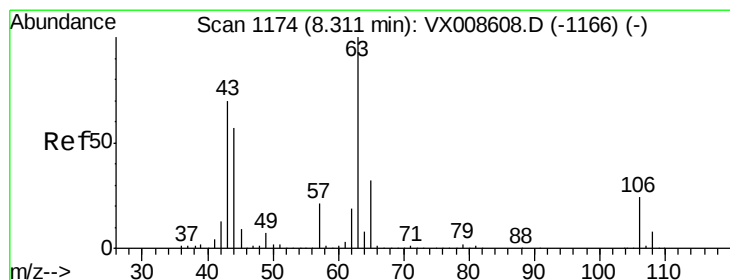
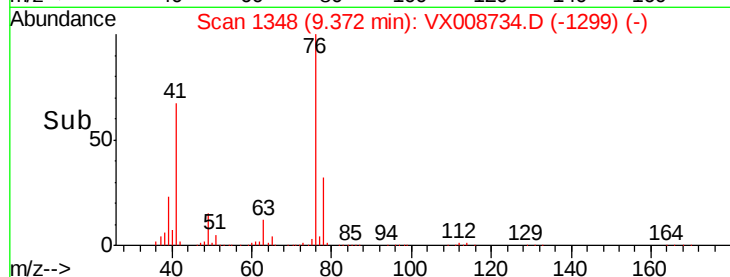
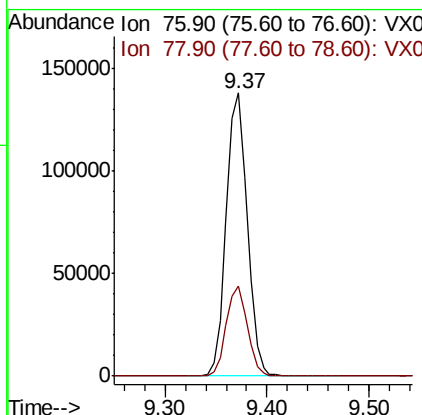
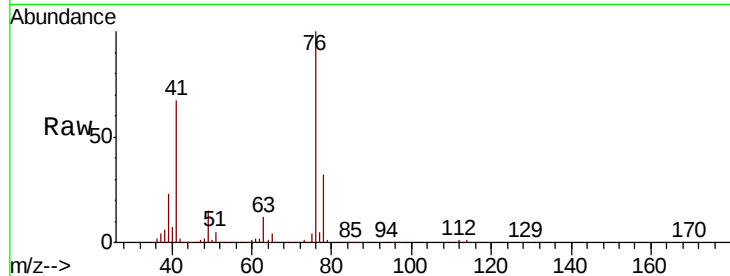




#57
 1,3-Dichloropropane
 Concen: 46.457 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

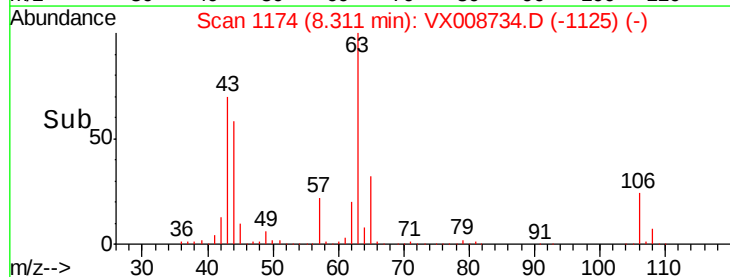
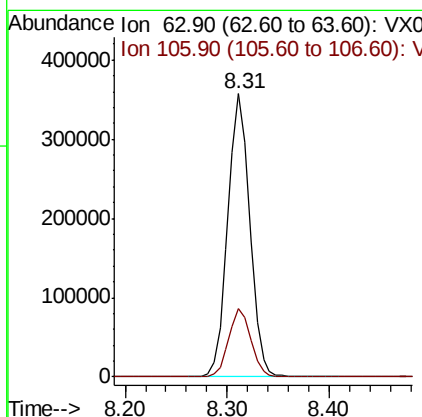
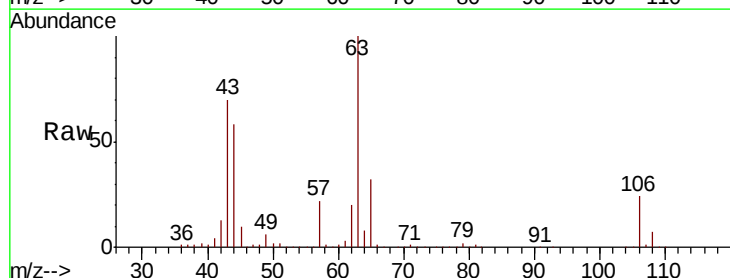
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

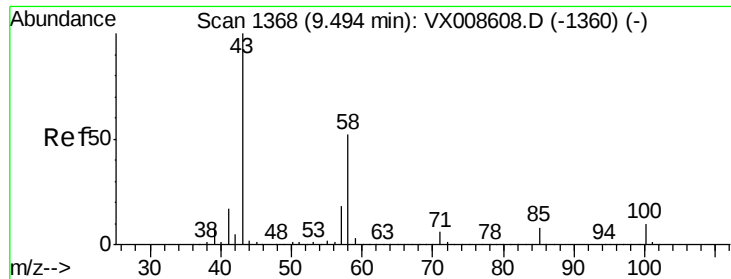
Tot Ion: 76 Resp: 197287
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.135 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 63 Resp: 533418
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6

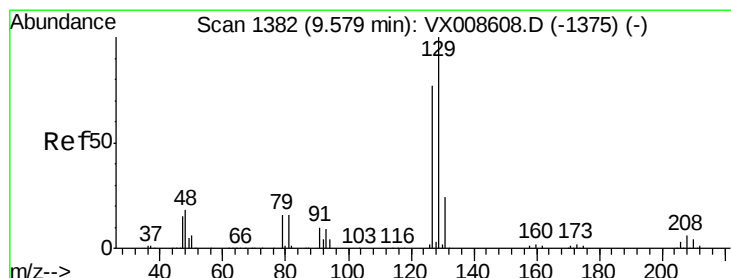
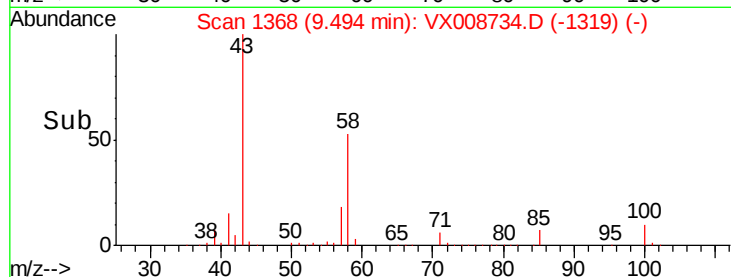
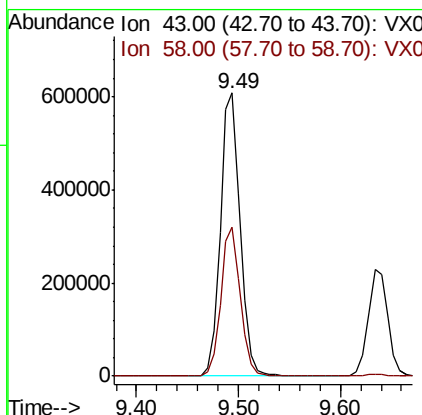
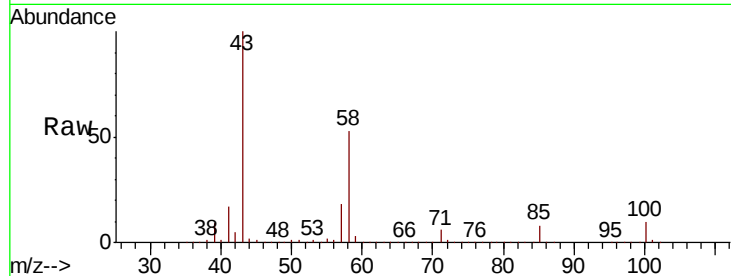




#59
2-Hexanone
Concen: 233.814 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

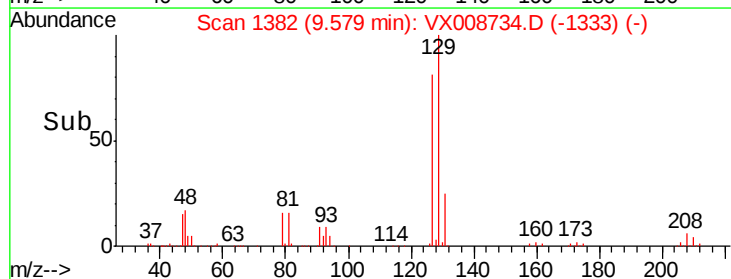
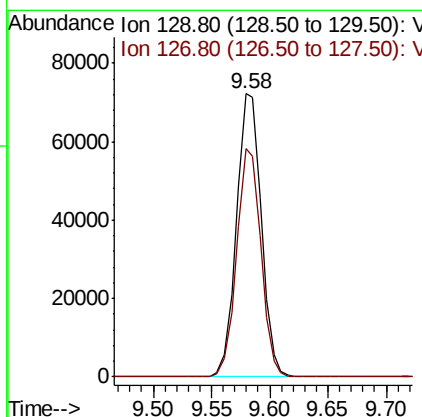
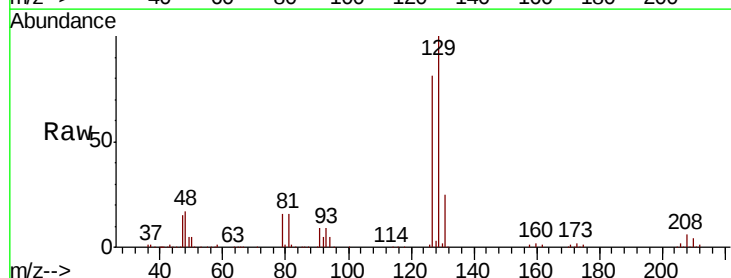
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

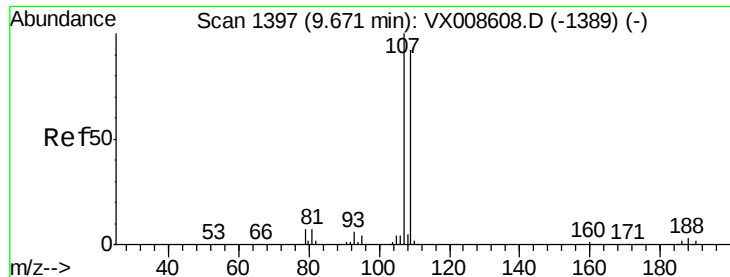
Tot Ion: 43 Resp: 820458
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 48.111 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion:129 Resp: 107218
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.122 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

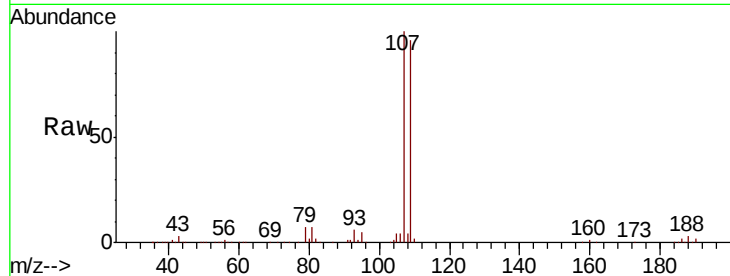
VSTDCCC050EC

Tot Ion:107 Resp: 113554

Ion Ratio Lower Upper

107 100

109 95.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

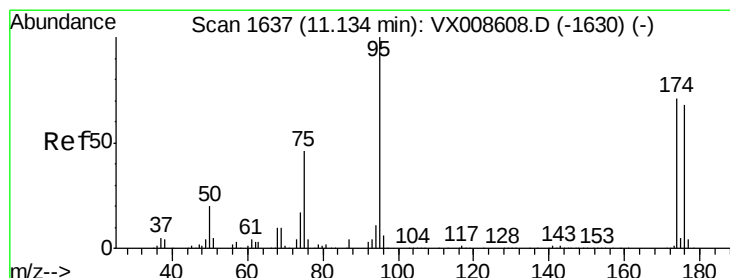
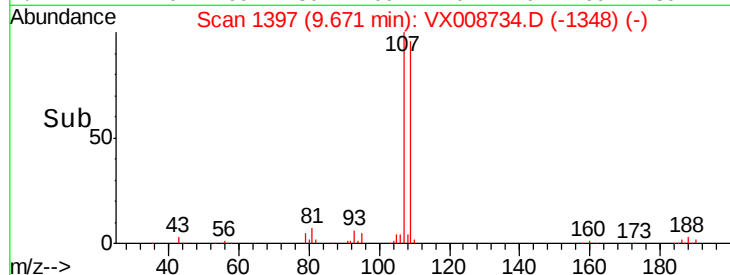
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

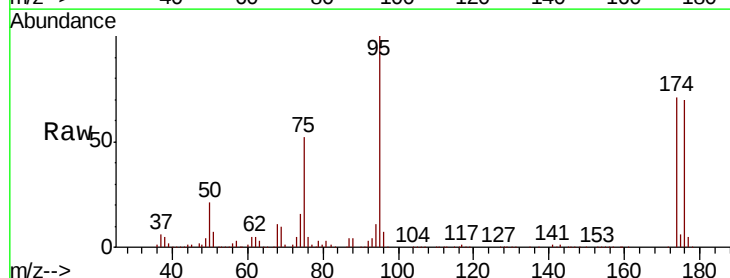
Tgt Ion: 95 Resp: 131809

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.8

176 74.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

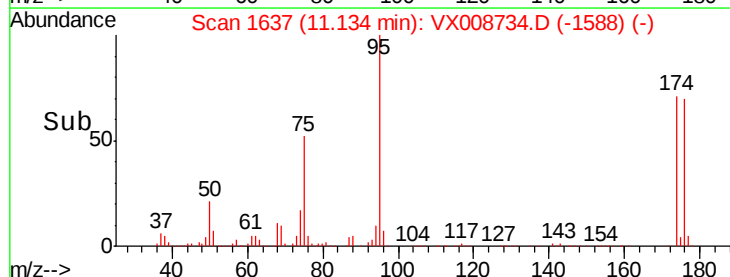
100000

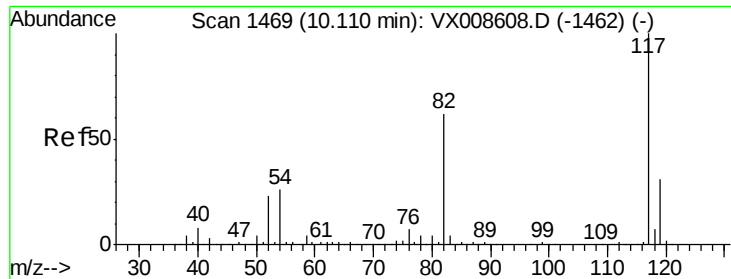
50000

0

11.10 11.20

Time-->

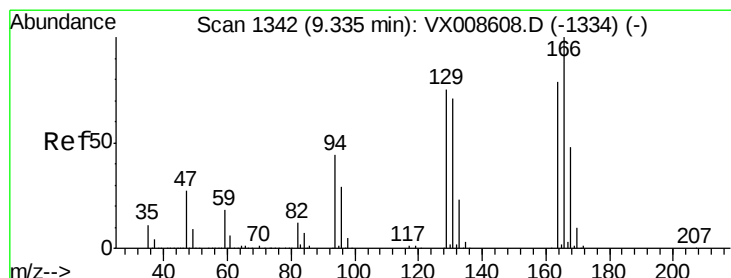
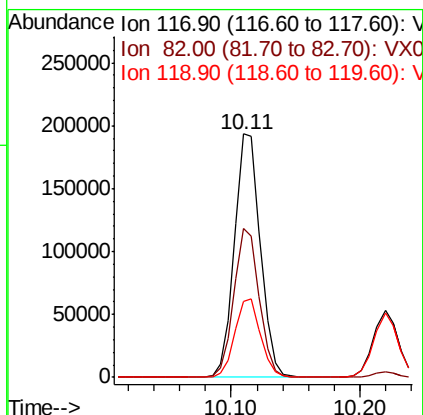
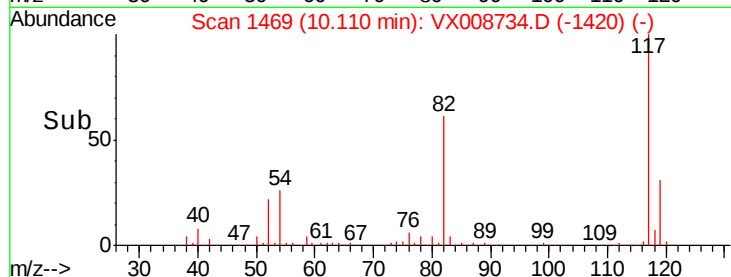
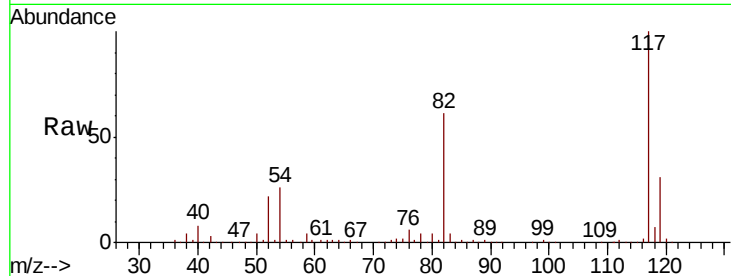




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

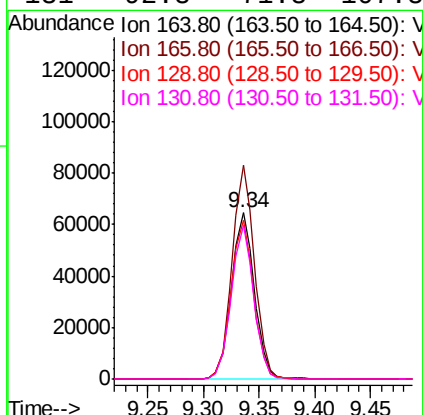
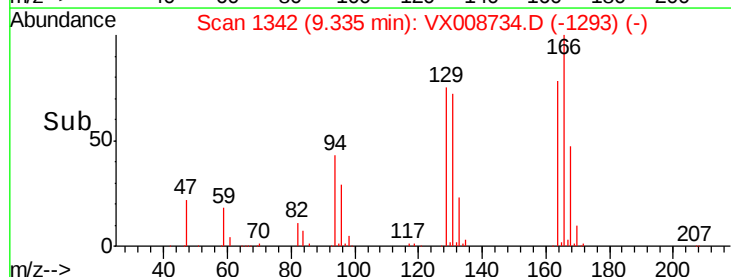
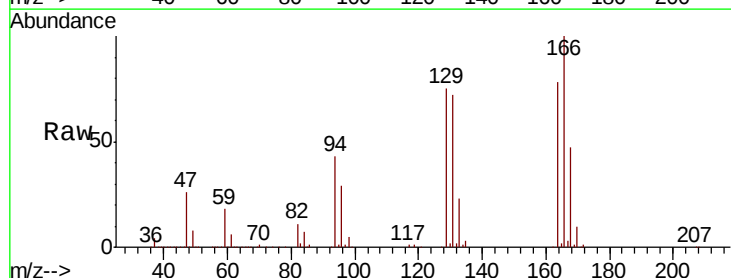
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

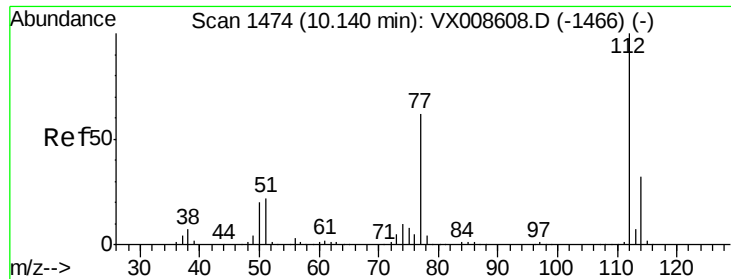
Tot Ion:117 Resp: 271938
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 45.490 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion:164 Resp: 91652
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.6
129 96.0 75.8 113.8
131 92.8 71.8 107.8





#65

Chlorobenzene

Concen: 45.485 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

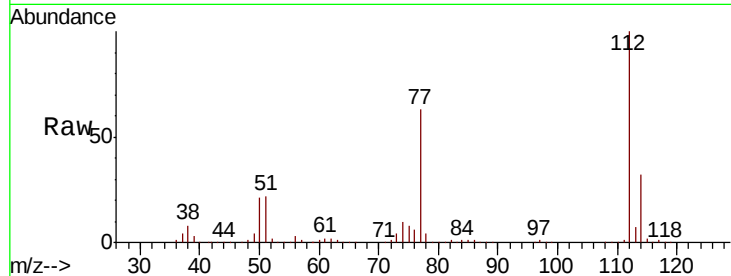
VSTDCCC050EC

Tot Ion:112 Resp: 274181

Ion Ratio Lower Upper

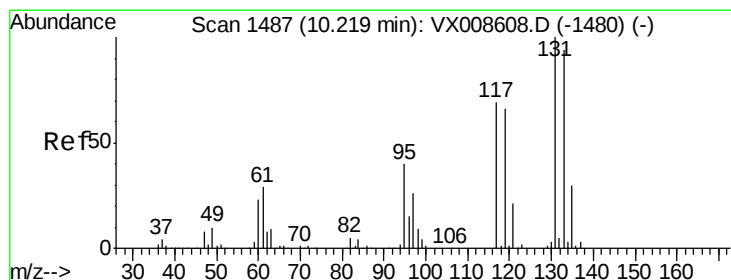
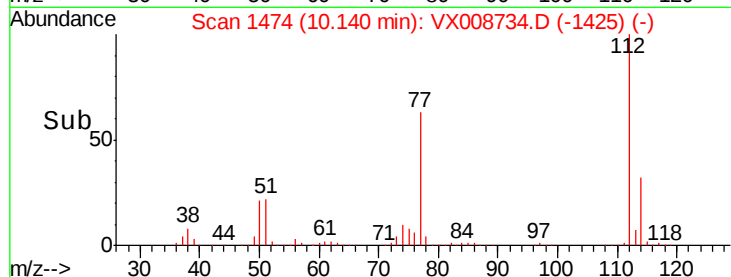
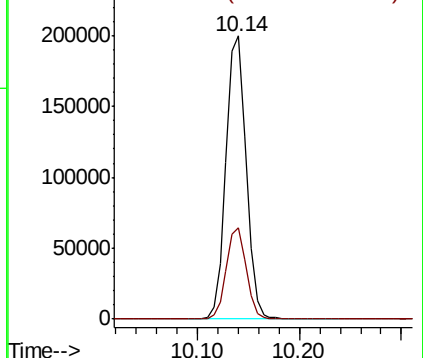
112 100

114 32.4 25.8 38.8



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: 46.935 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

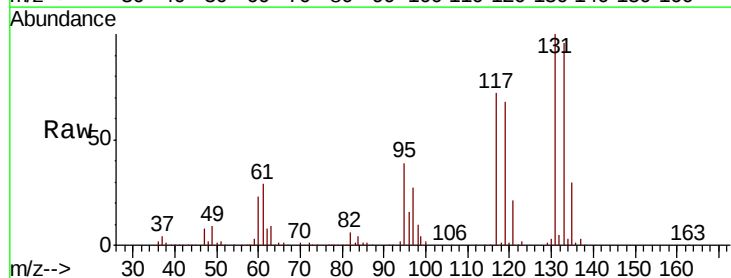
Tgt Ion:131 Resp: 99255

Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

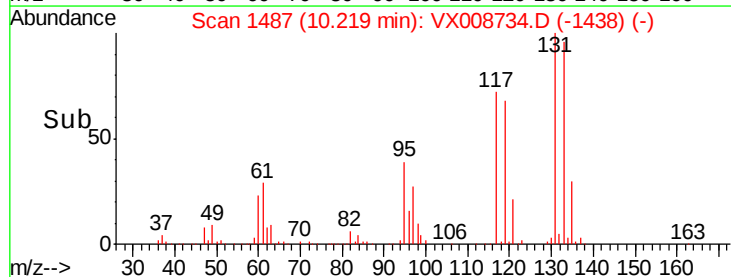
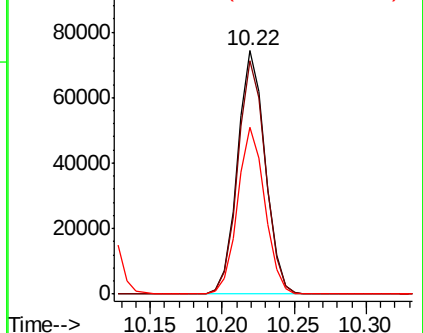
119 67.6 33.7 101.0

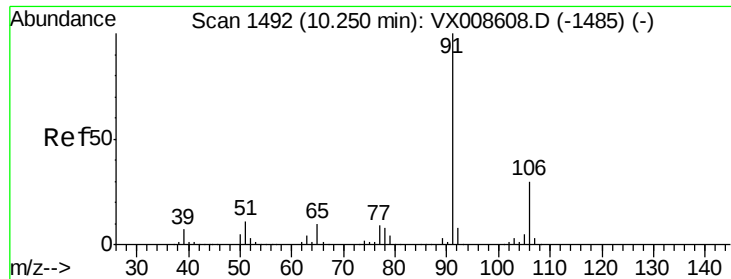


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

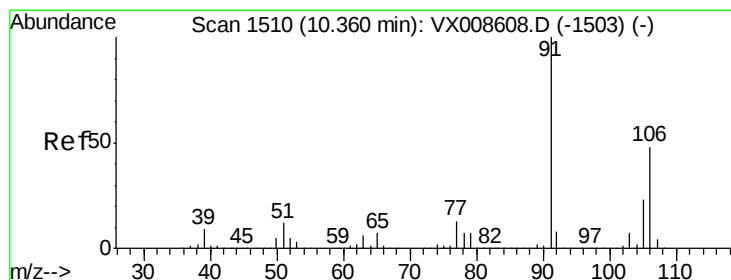
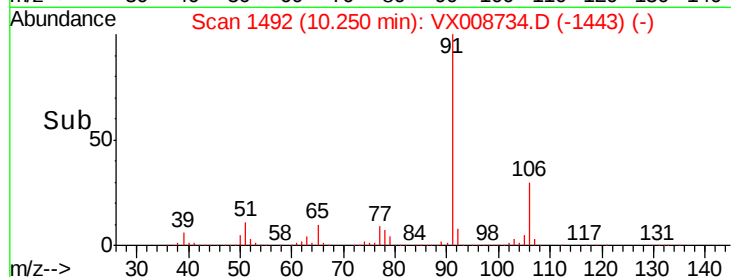
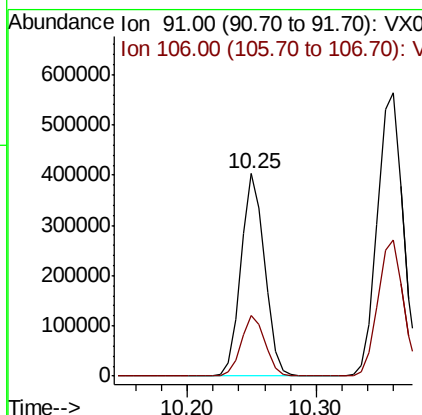
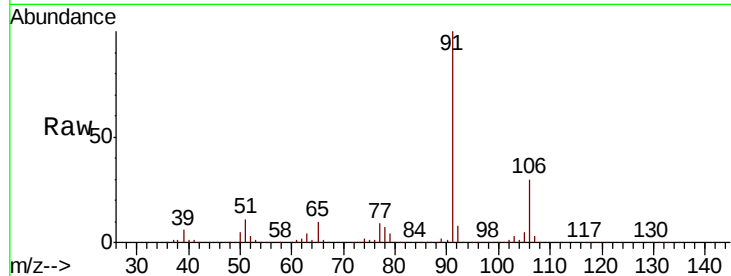




#67
Ethyl Benzene
Concen: 45.598 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

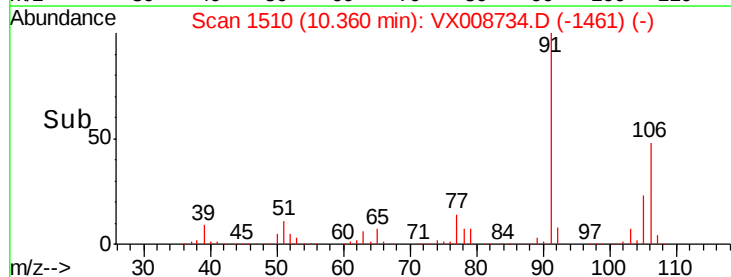
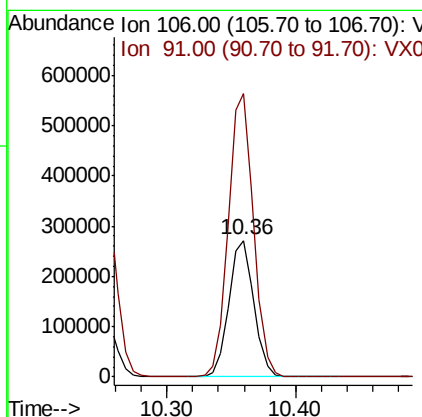
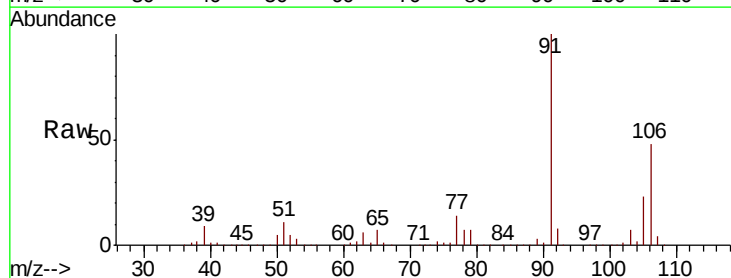
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

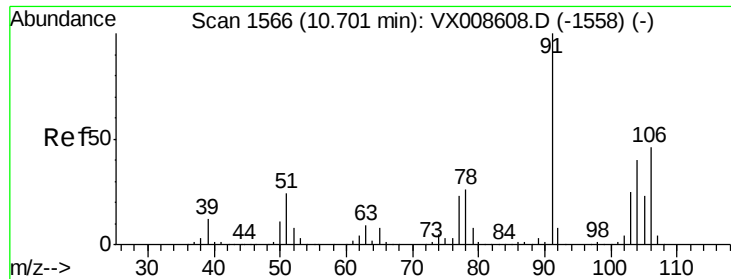
Tot Ion: 91 Resp: 512538
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 91.088 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 106 Resp: 368130
Ion Ratio Lower Upper
106 100
91 209.4 168.5 252.7

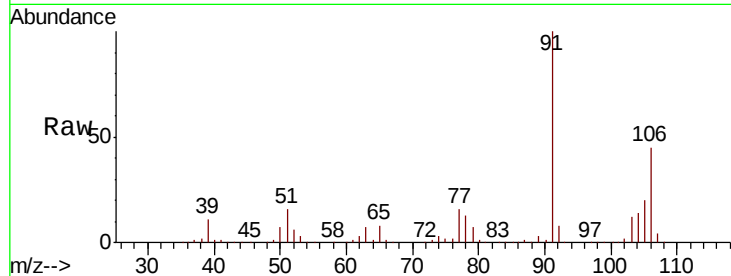




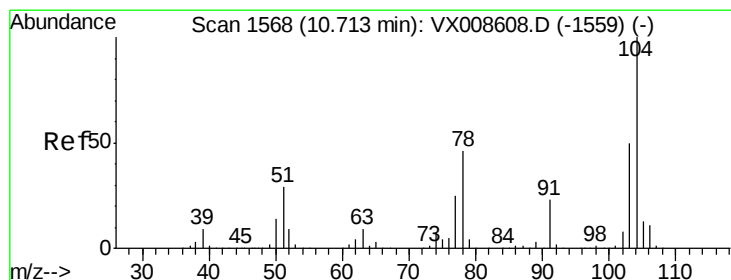
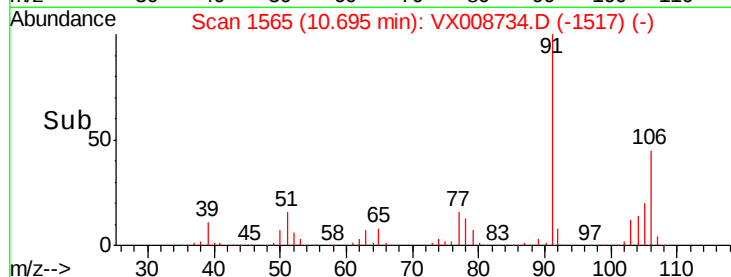
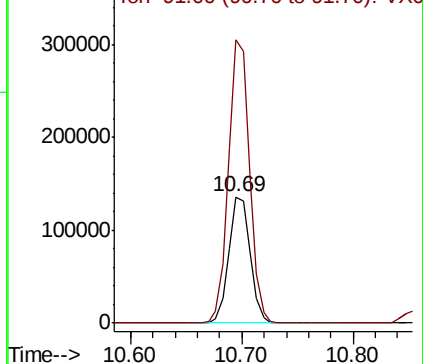
#69
o-Xylene
Concen: 46.099 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 180554
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

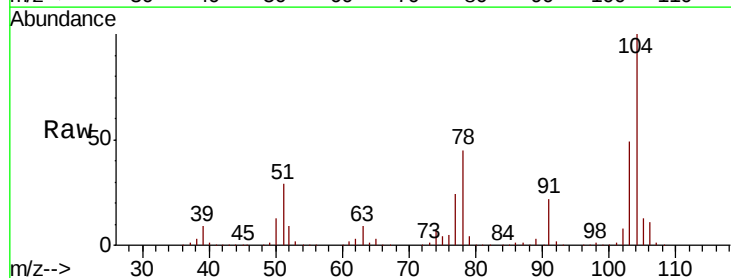


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

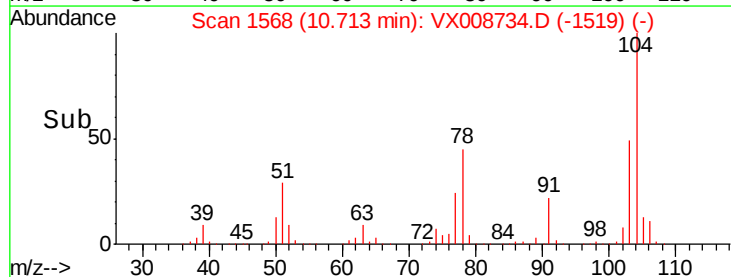
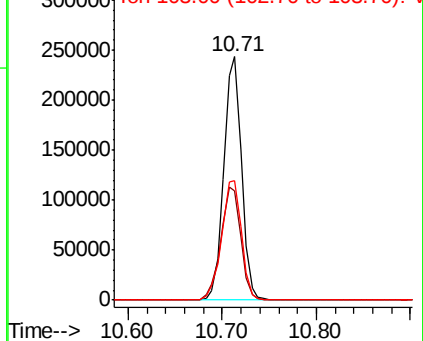


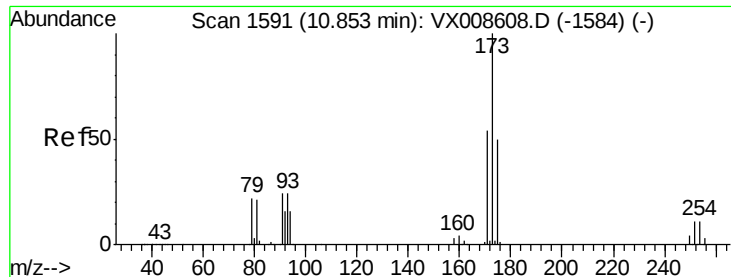
#70
Styrene
Concen: 46.846 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion:104 Resp: 316275
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 54.8 44.4 66.6



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: 48.347 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

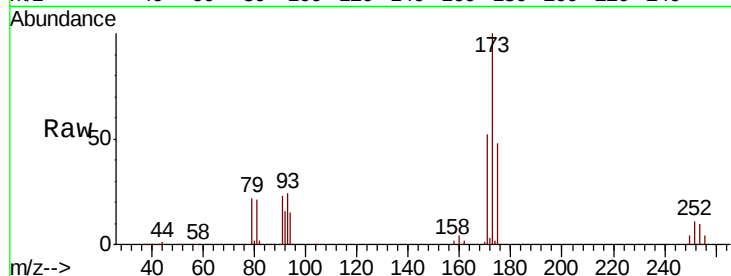
Tot Ion:173 Resp: 78087

Ion Ratio Lower Upper

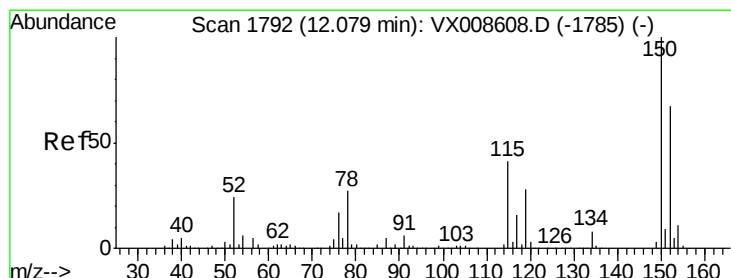
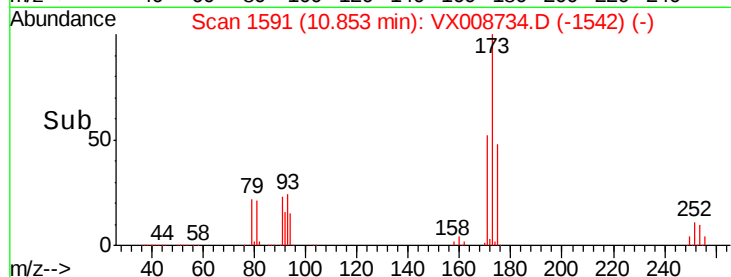
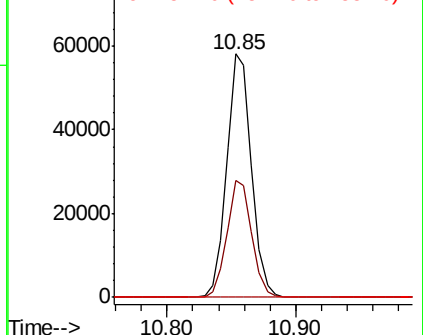
173 100

175 48.5 24.9 74.6

254 0.2 0.1 0.1#



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: VX008734.D

Acq: 06 Apr 2019 20:32

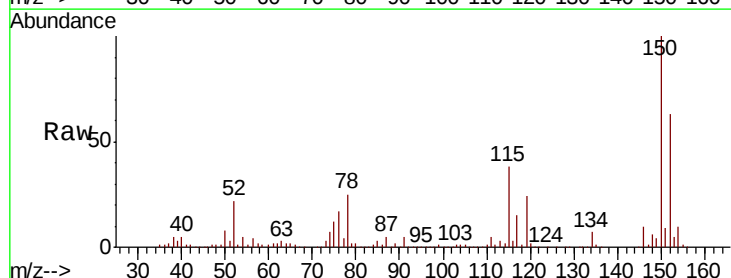
Tgt Ion:152 Resp: 123034

Ion Ratio Lower Upper

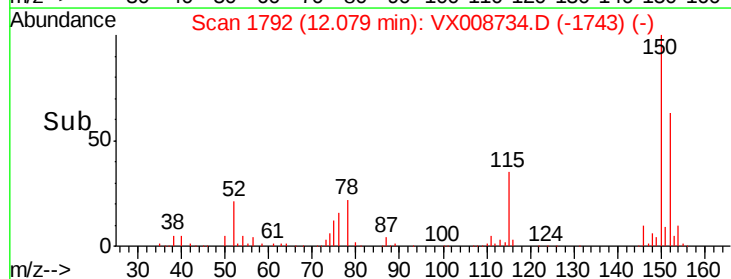
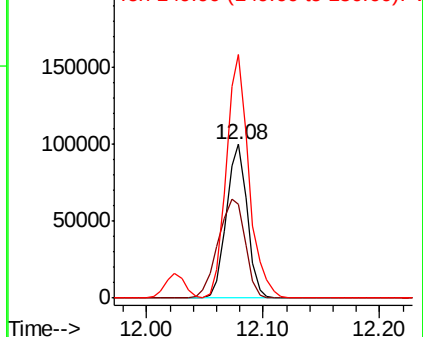
152 100

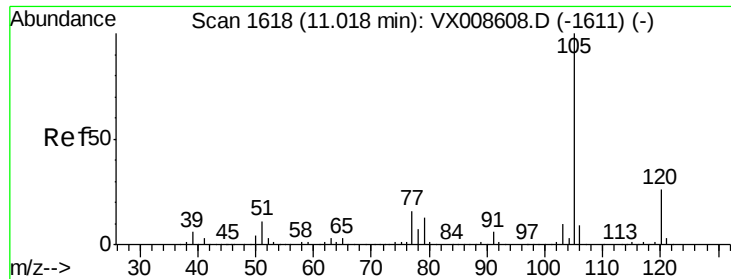
115 83.8 43.5 130.5

150 172.5 0.0 348.8



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

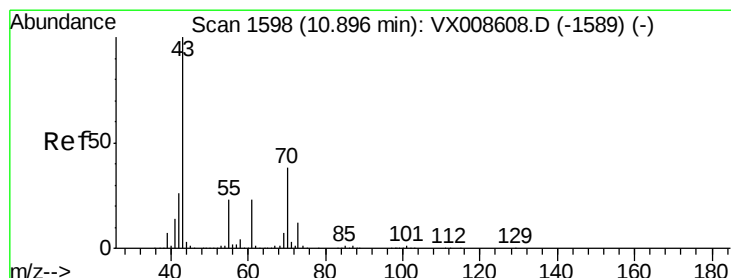
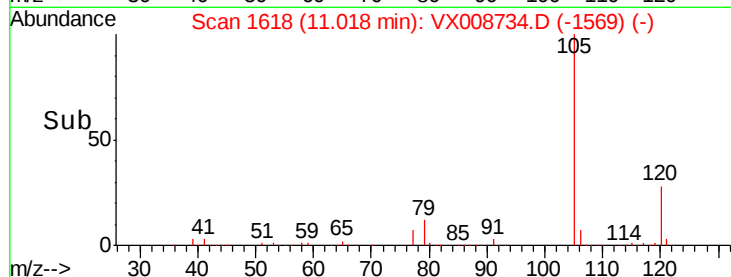
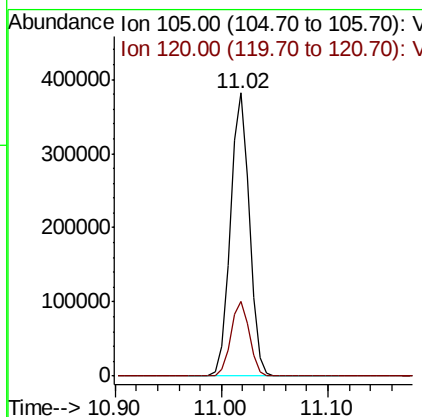
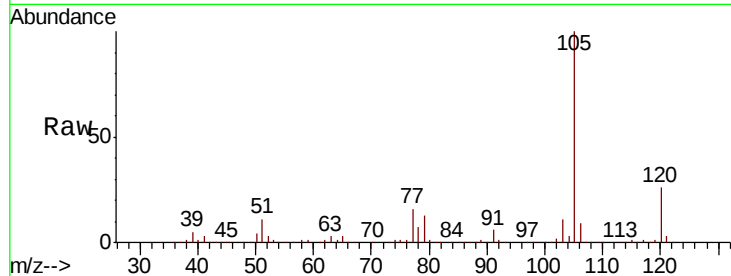




#73
Isopropylbenzene
Concen: 46.744 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

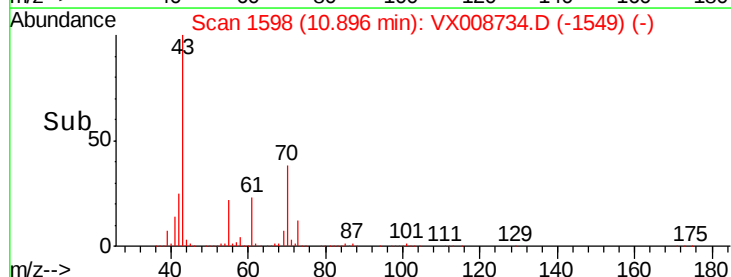
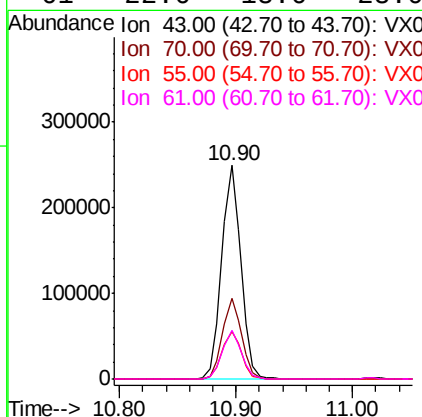
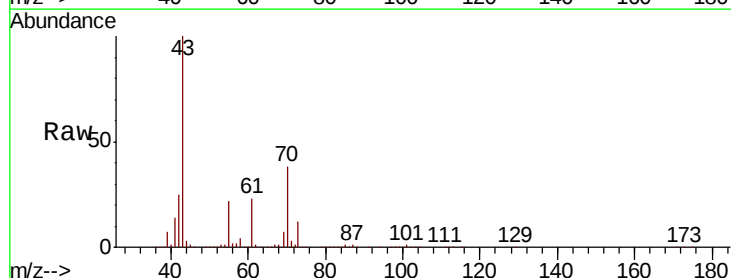
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

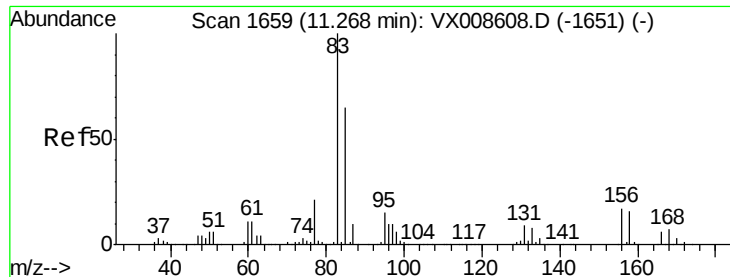
Tot Ion:105 Resp: 476616
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 47.212 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 43 Resp: 283215
Ion Ratio Lower Upper
43 100
70 37.5 30.2 45.4
55 22.7 18.2 27.4
61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.172 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

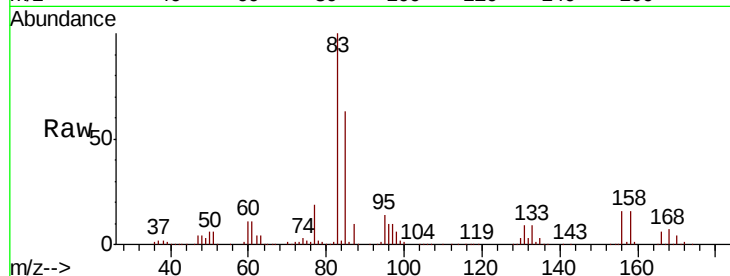
Tot Ion: 83 Resp: 175165

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

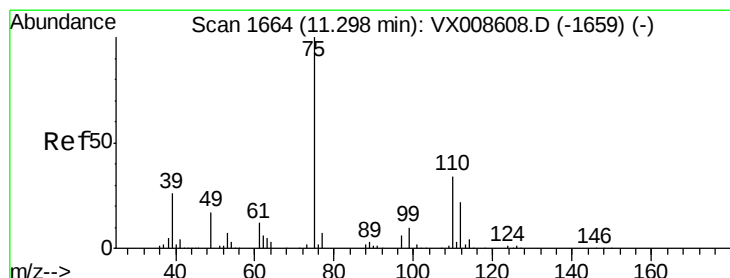
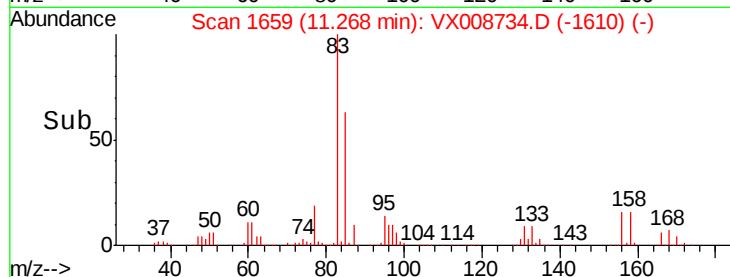
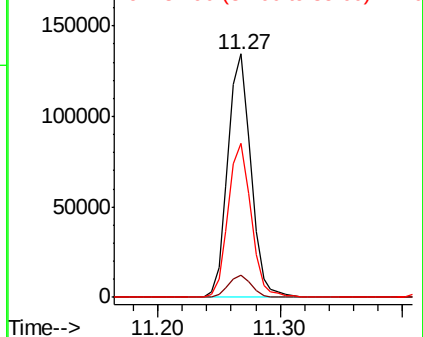
85 63.3 32.0 96.2



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: 60.730 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008734.D

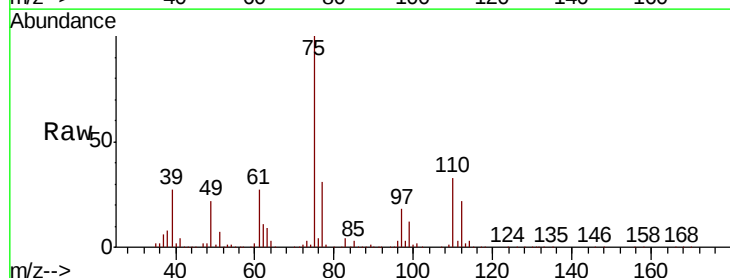
Acq: 06 Apr 2019 20:32

Tgt Ion: 75 Resp: 205258

Ion Ratio Lower Upper

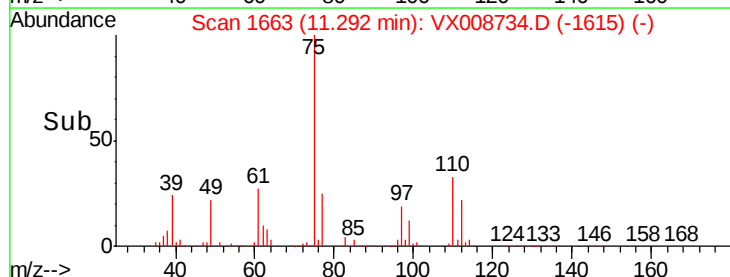
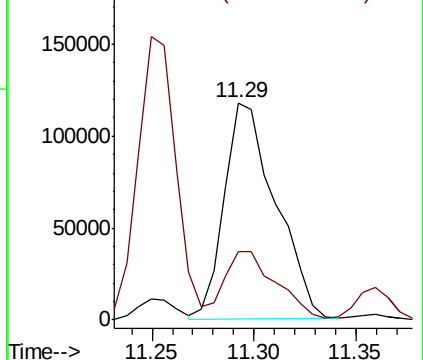
75 100

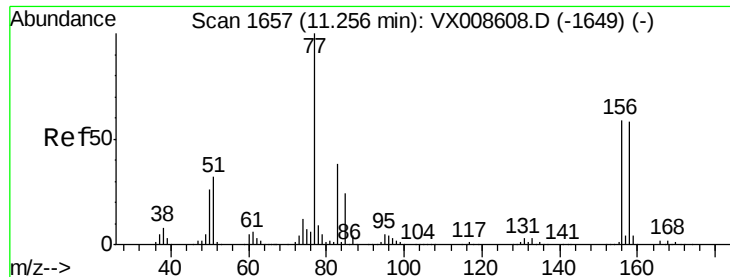
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.518 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

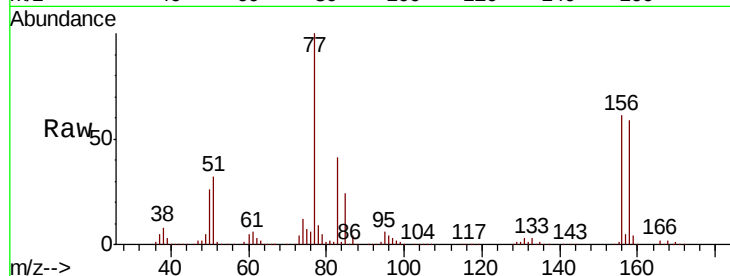
Tot Ion:156 Resp: 114024

Ion Ratio Lower Upper

156 100

77 175.2 89.8 269.6

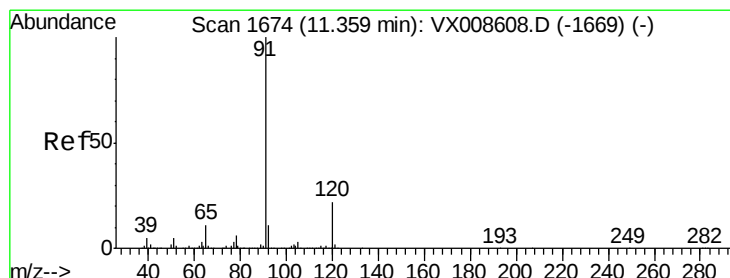
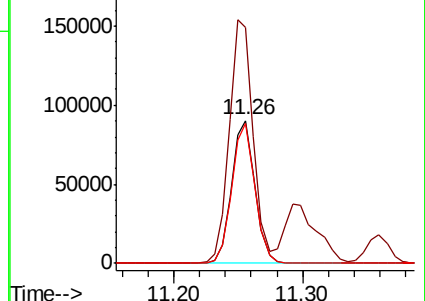
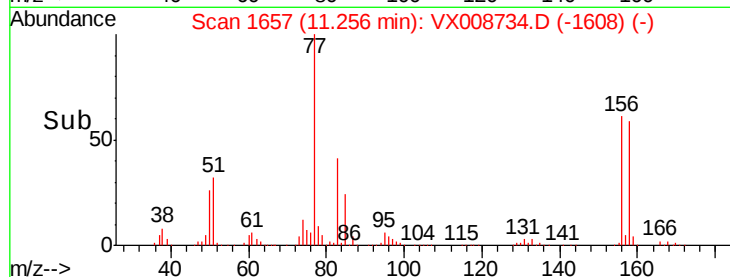
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.142 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008734.D

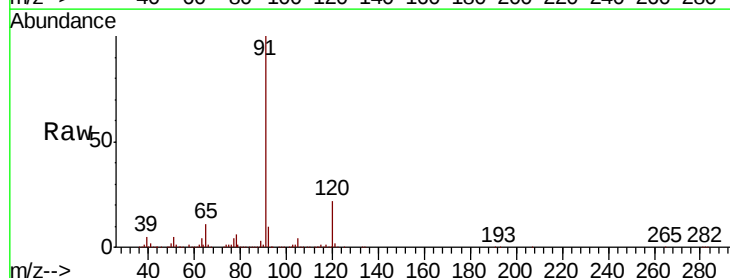
Acq: 06 Apr 2019 20:32

Tgt Ion: 91 Resp: 547800

Ion Ratio Lower Upper

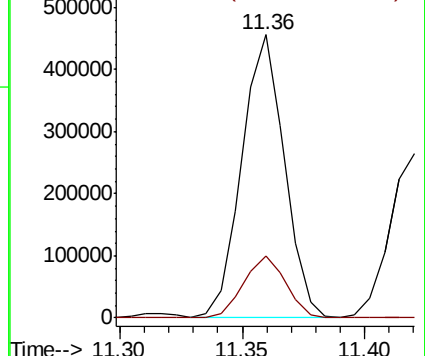
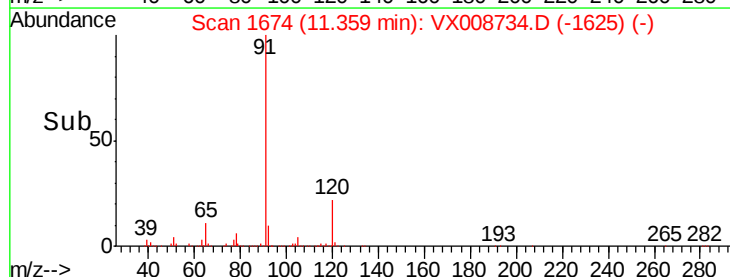
91 100

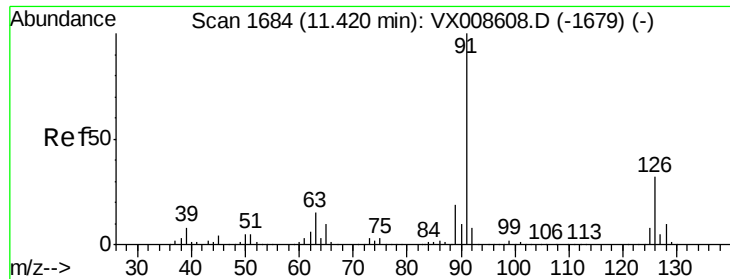
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

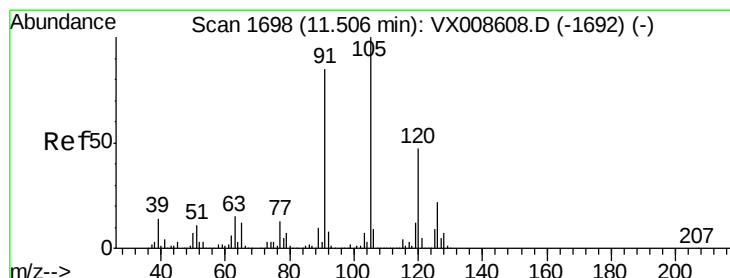
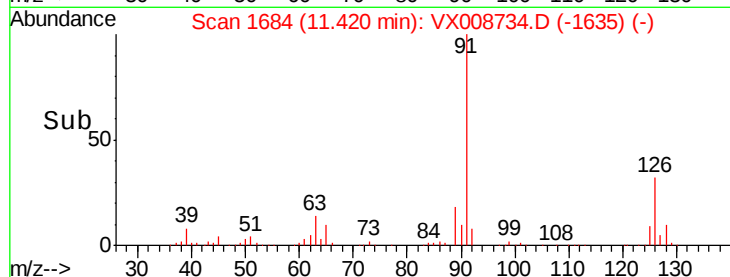
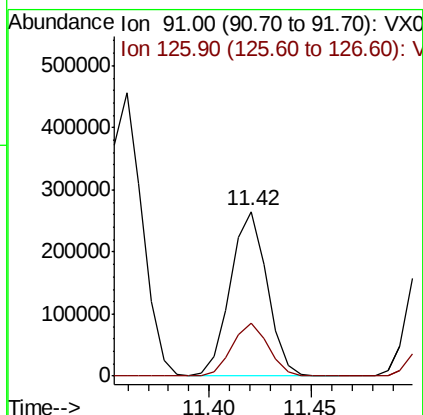
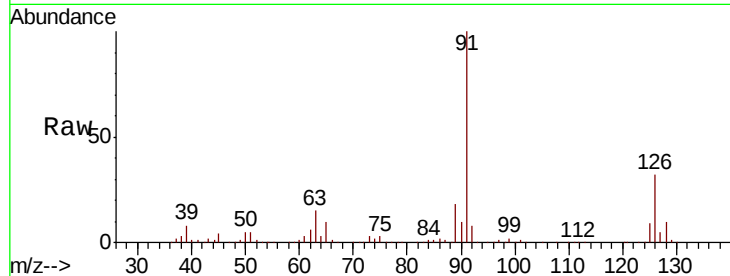




#79
2-Chlorotoluene
Concen: 45.866 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

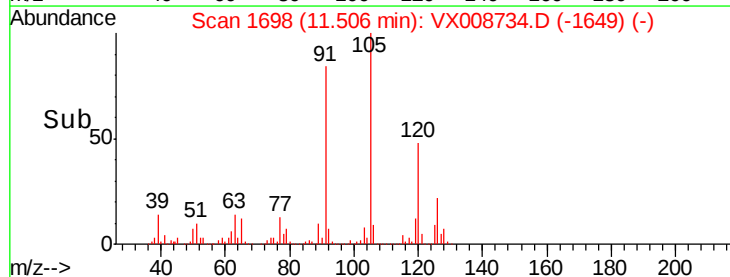
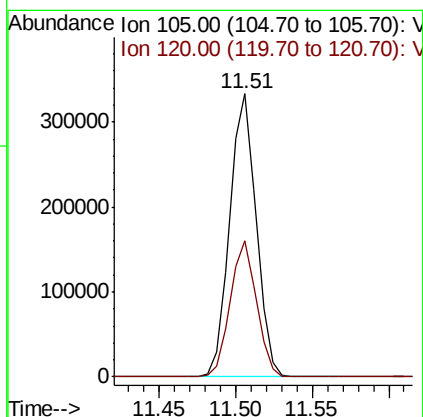
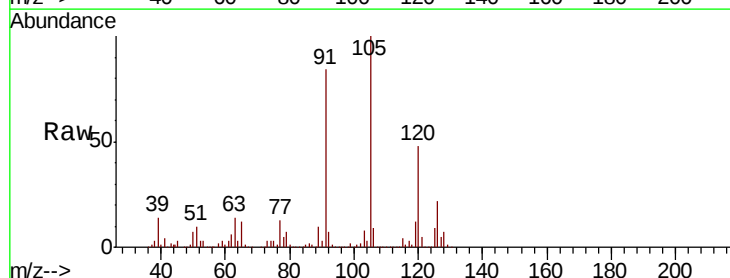
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

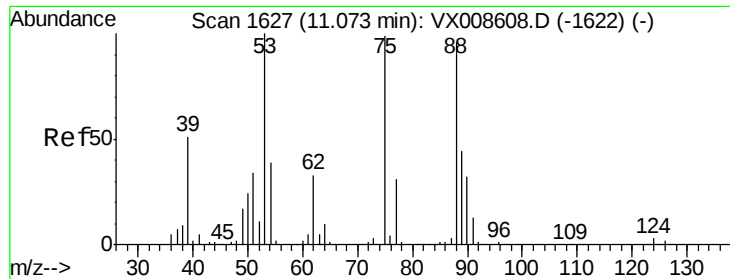
Tot Ion: 91 Resp: 329527
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 46.603 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 105 Resp: 398868
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.040 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

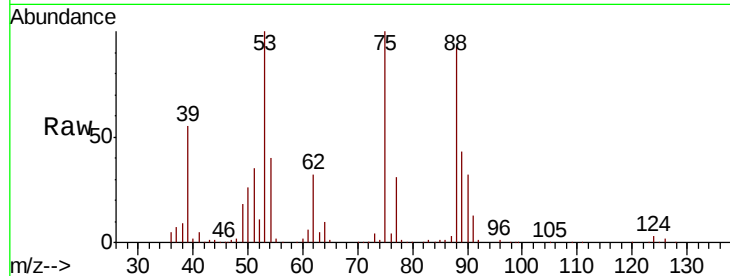
Tot Ion: 75 Resp: 56451

Ion Ratio Lower Upper

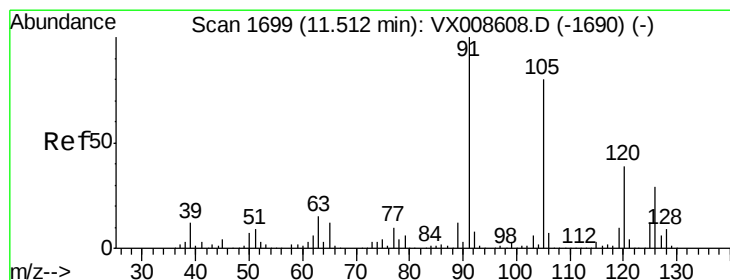
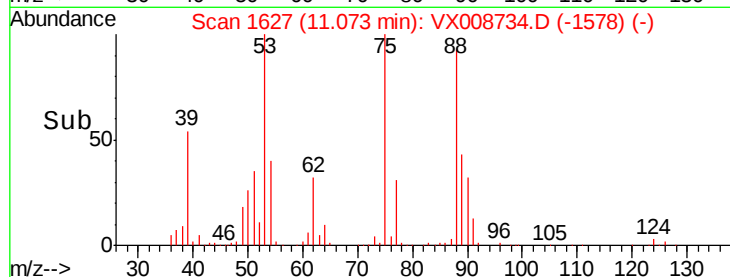
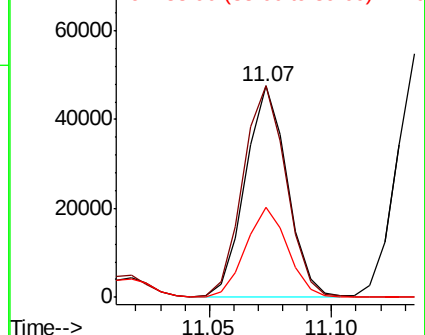
75 100

53 103.4 81.3 121.9

89 42.9 35.6 53.4



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



#82

4-Chlorotoluene

Concen: 44.760 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008734.D

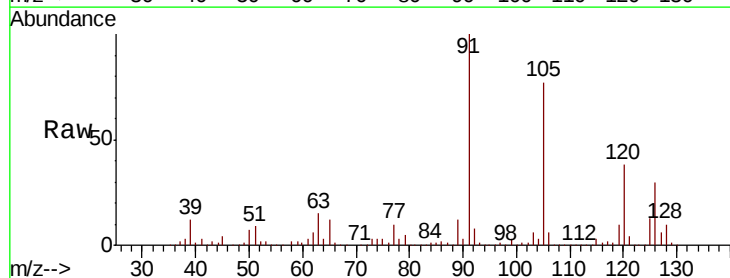
Acq: 06 Apr 2019 20:32

Tgt Ion: 91 Resp: 372237

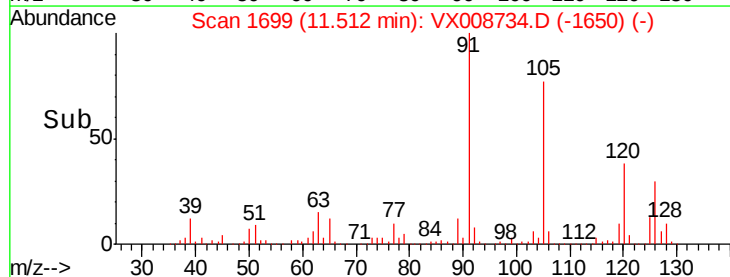
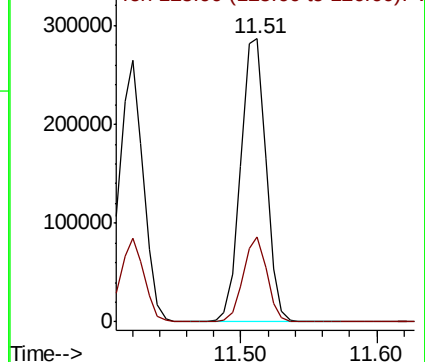
Ion Ratio Lower Upper

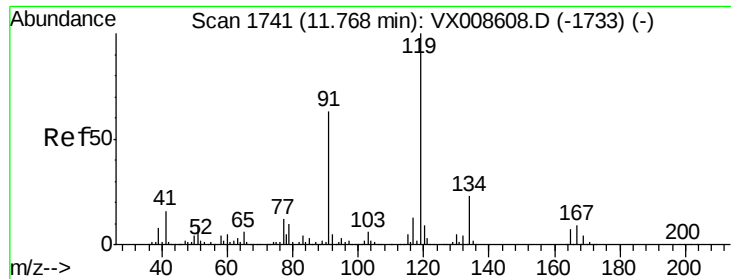
91 100

126 28.2 13.9 41.6



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

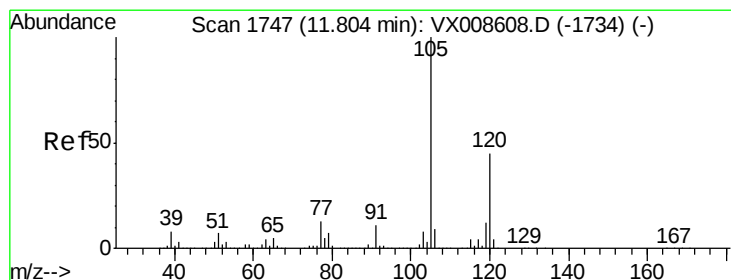
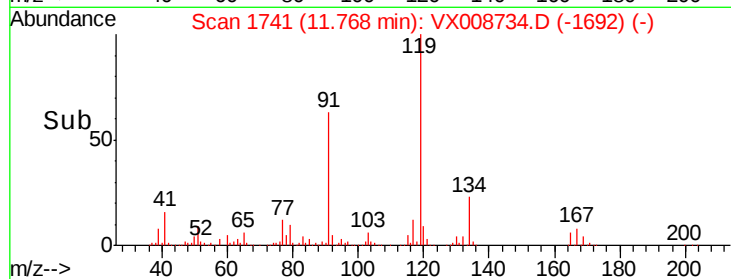
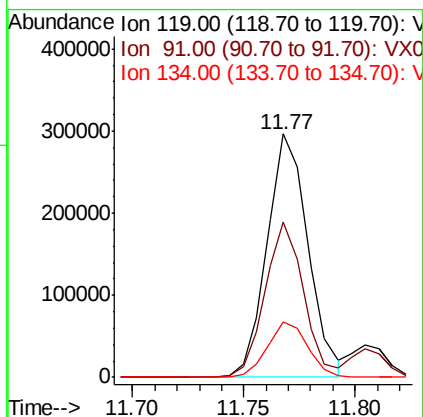
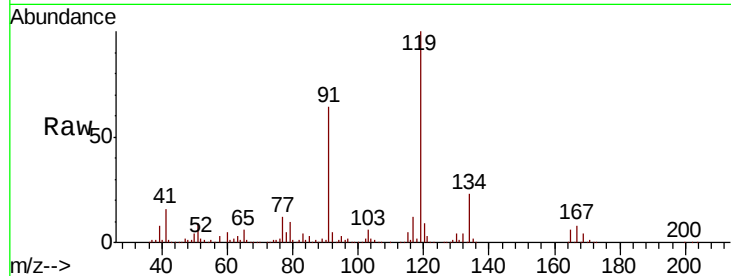




#83
 tert-Butylbenzene
 Concen: 46.044 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

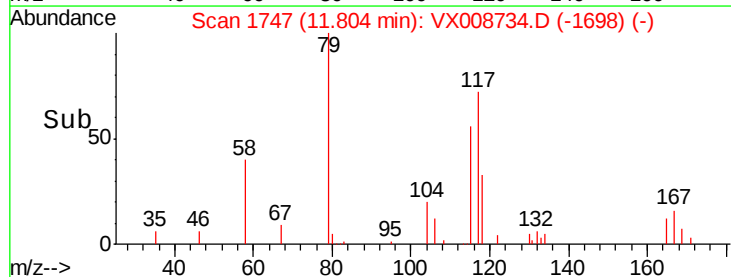
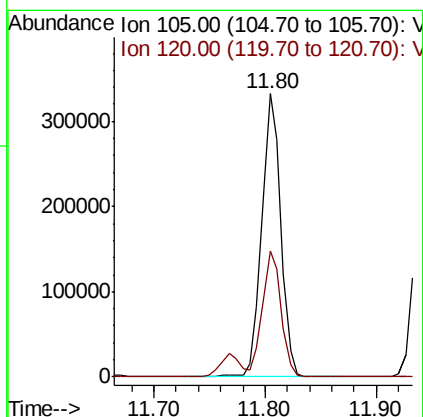
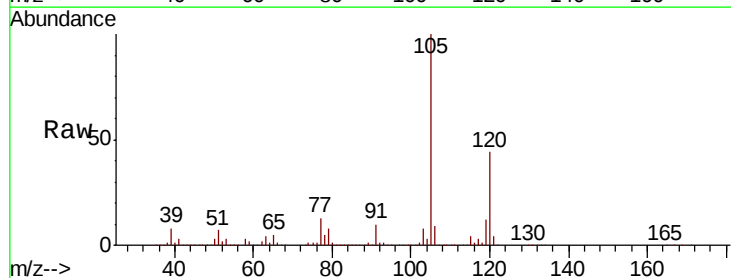
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

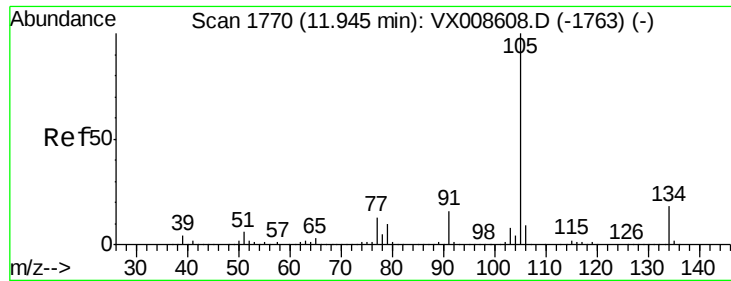
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.0	90.1
134	22.3	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 46.292 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.8	65.3





#85

sec-Butylbenzene

Concen: 46.019 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

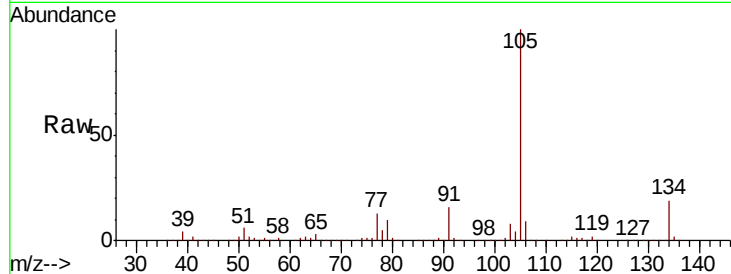
VSTDCCC050EC

Tot Ion:105 Resp: 450103

Ion Ratio Lower Upper

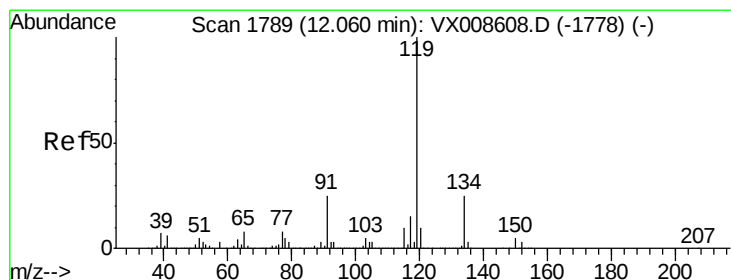
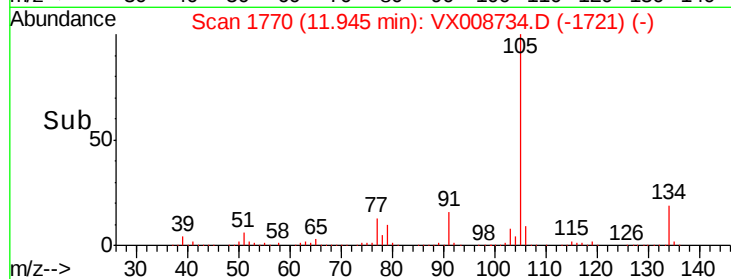
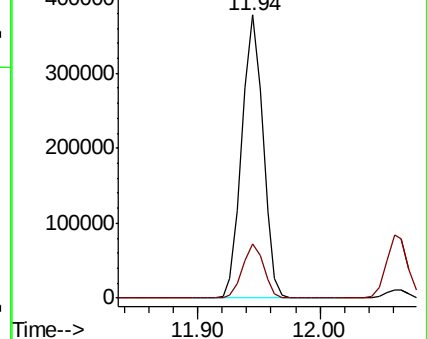
105 100

134 19.0 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.614 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

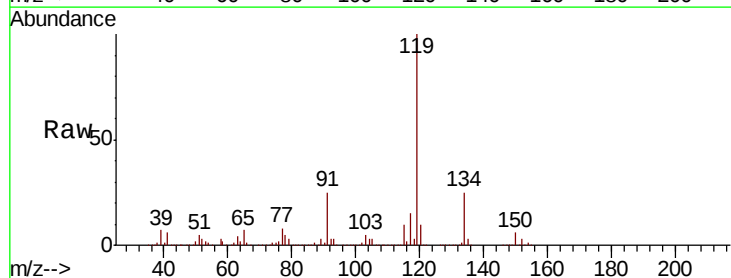
Tgt Ion:119 Resp: 409214

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

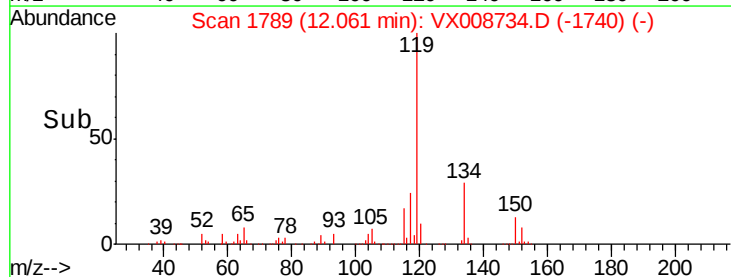
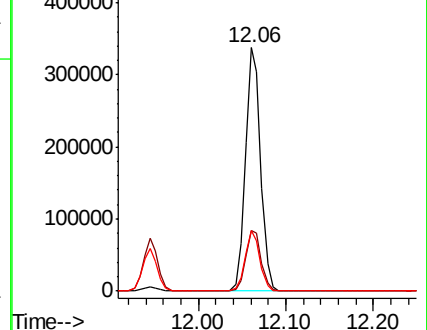
91 24.1 12.2 36.6

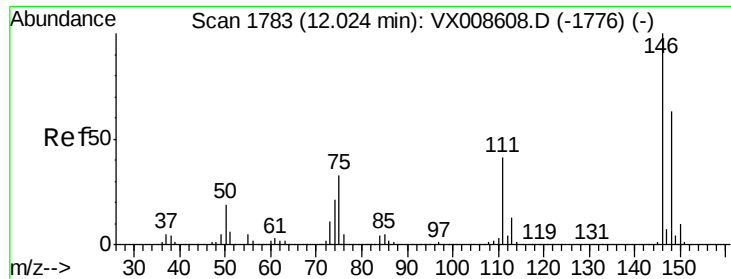


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

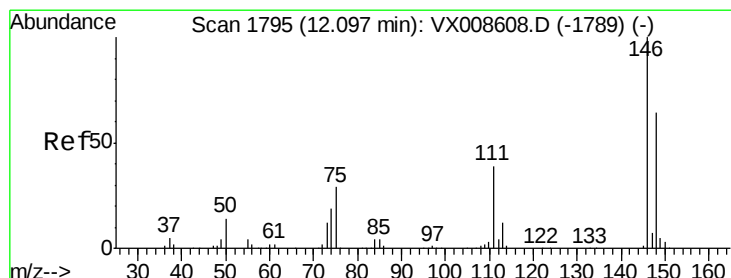
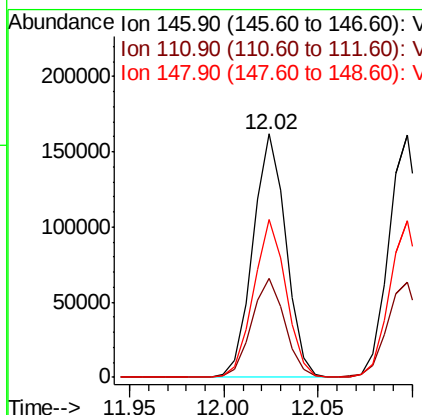
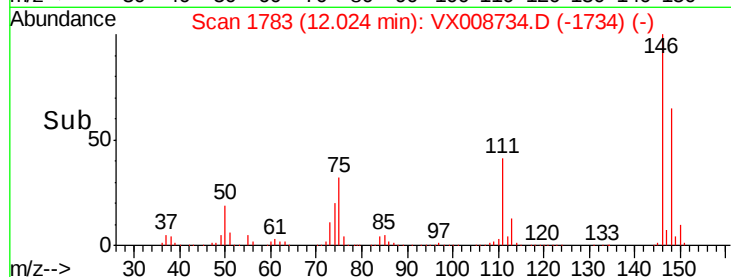
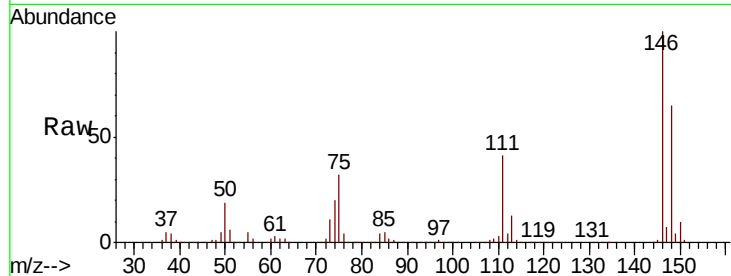




#87
 1,3-Dichlorobenzene
 Concen: 44.661 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

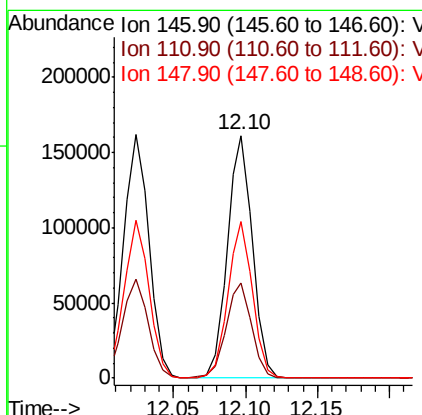
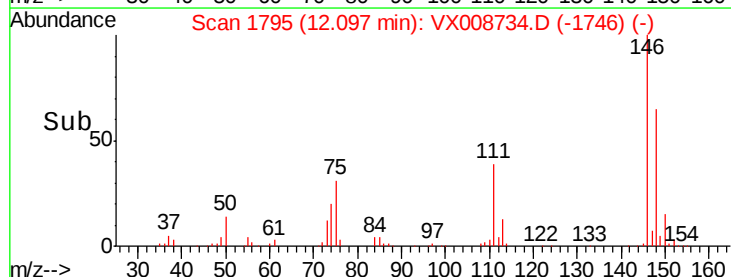
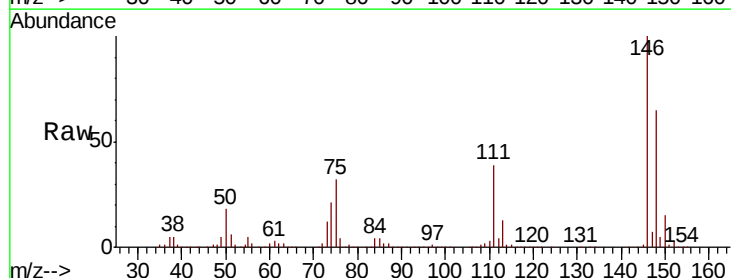
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

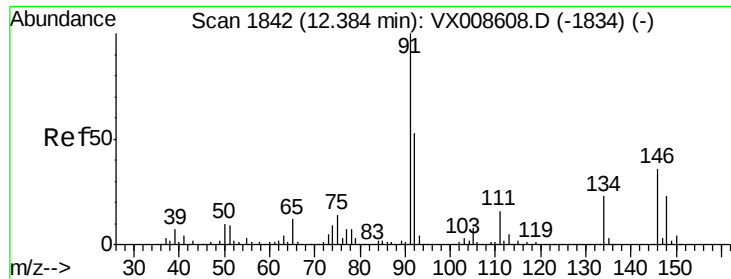
Tot Ion:146 Resp: 195979
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 63.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 44.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion:146 Resp: 196795
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.6
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 45.097 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

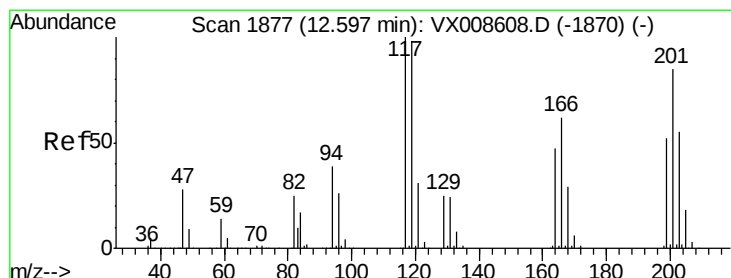
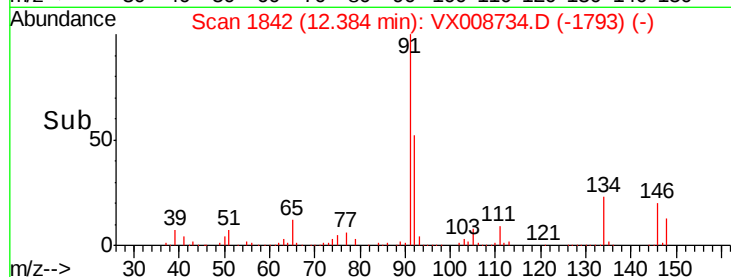
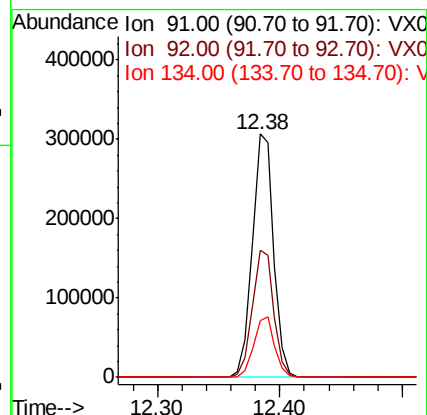
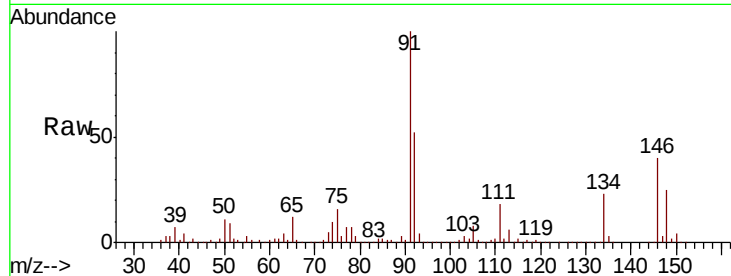
Tot Ion: 91 Resp: 371279

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.3 12.0 36.0



#90

Hexachloroethane

Concen: 47.432 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008734.D

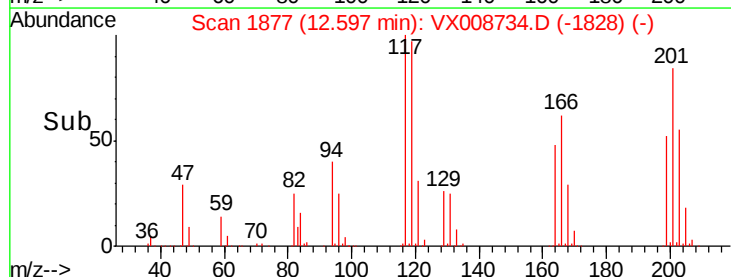
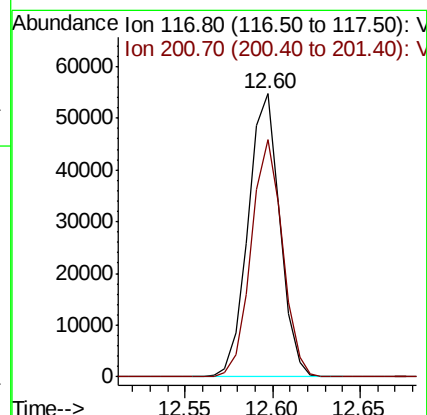
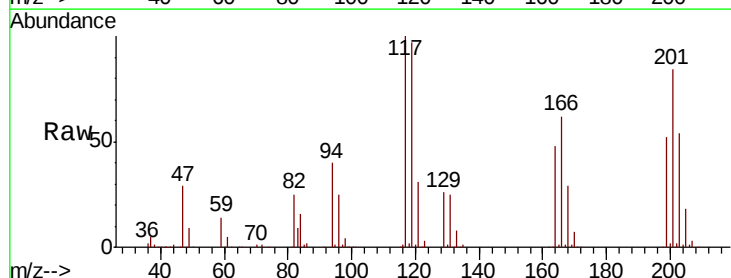
Acq: 06 Apr 2019 20:32

Tgt Ion: 117 Resp: 69063

Ion Ratio Lower Upper

117 100

201 82.5 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 45.322 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

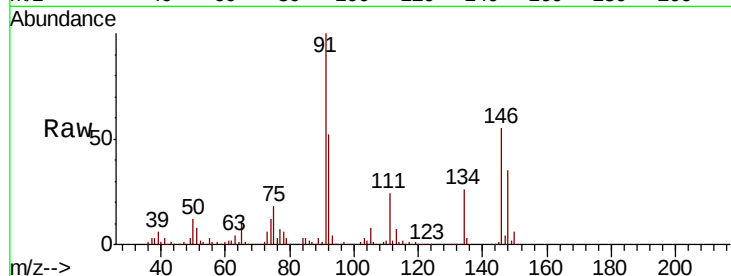
Tot Ion:146 Resp: 197462

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

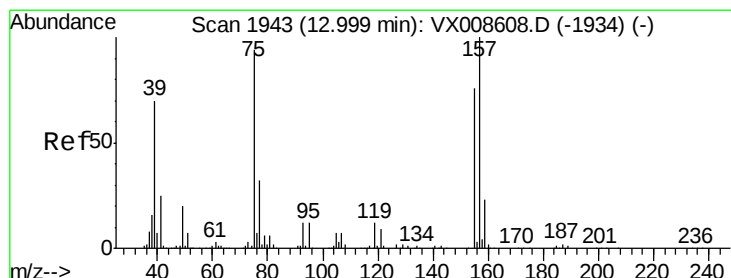
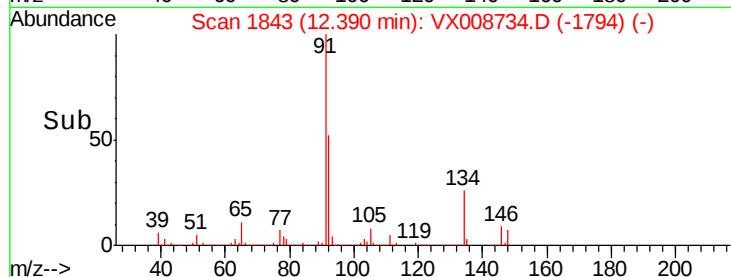
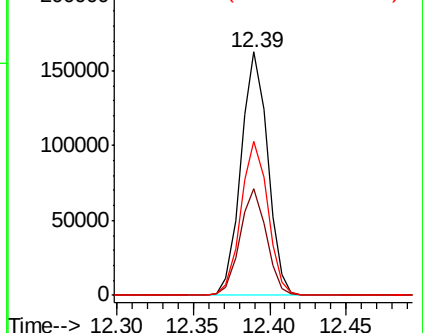
148 63.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.755 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

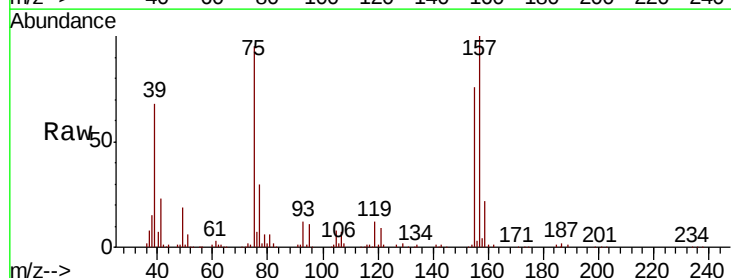
Tgt Ion: 75 Resp: 39884

Ion Ratio Lower Upper

75 100

155 79.4 39.9 119.6

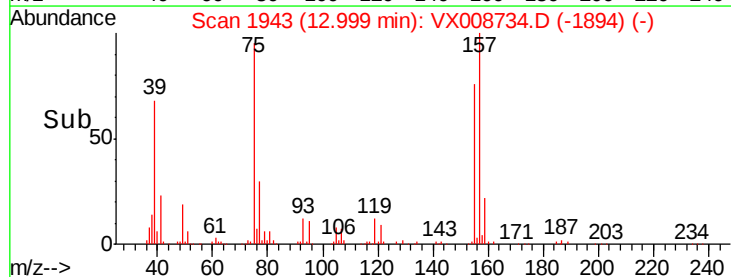
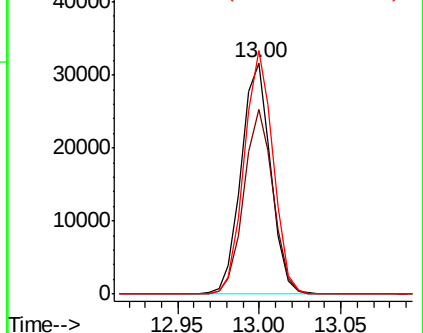
157 103.6 51.5 154.7



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

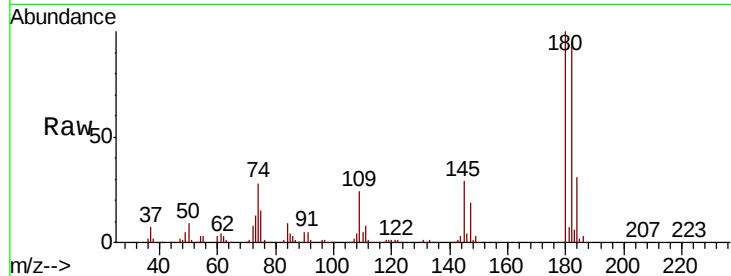




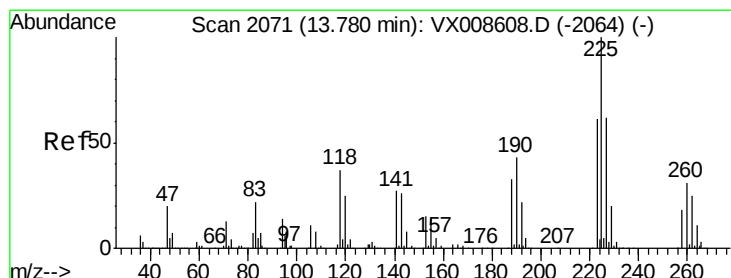
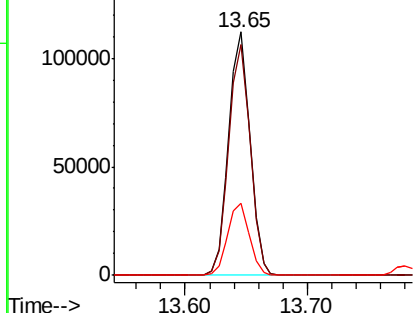
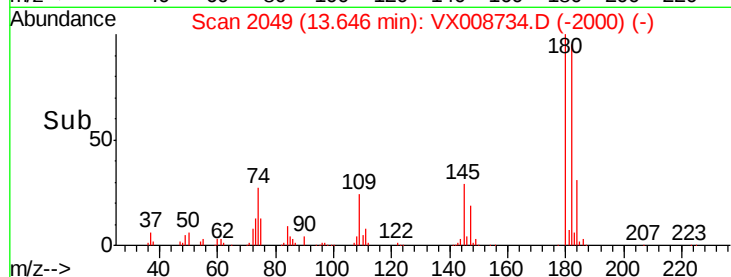
#93
 1,2,4-Trichlorobenzene
 Concen: 44.735 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	30.1	15.3	45.9

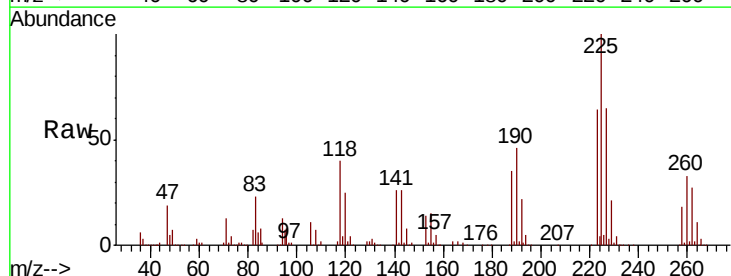


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

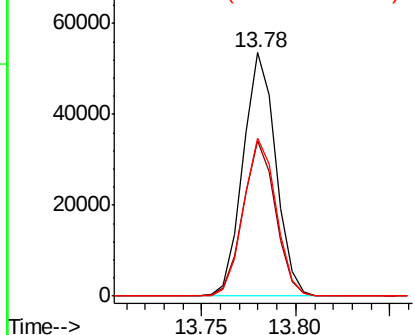
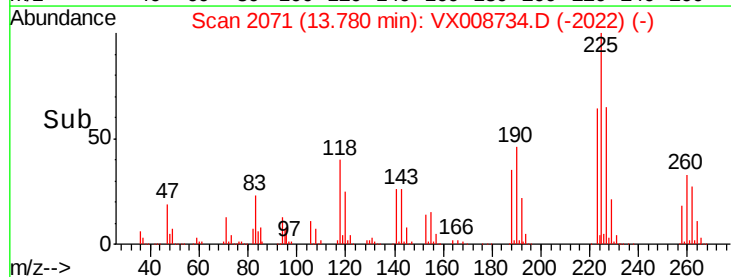


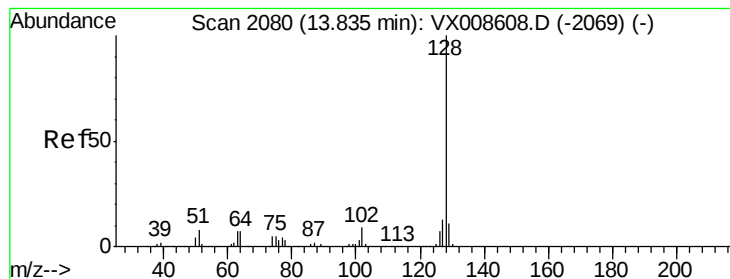
#94
 Hexachlorobutadiene
 Concen: 44.321 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.2	93.6
227	64.8	31.9	95.5



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





#95

Naphthalene

Concen: 46.973 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

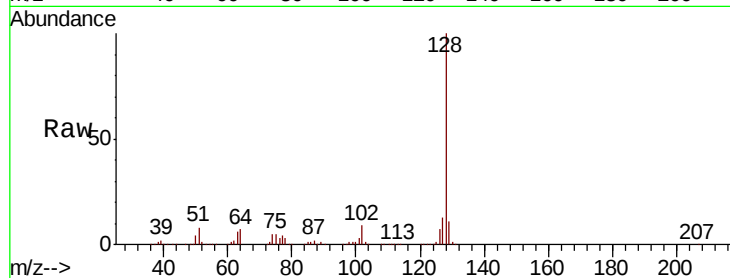
Tot Ion:128 Resp: 475584

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

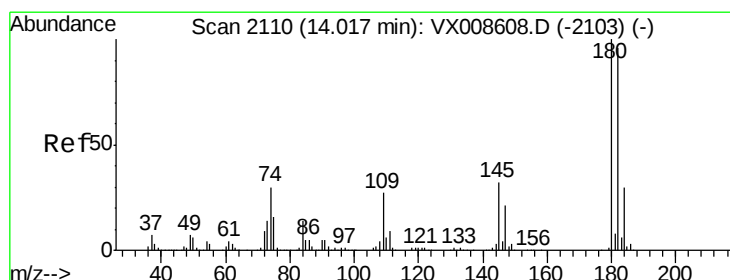
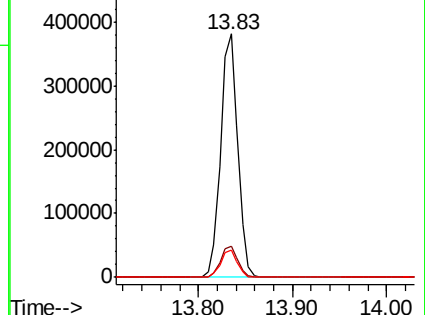
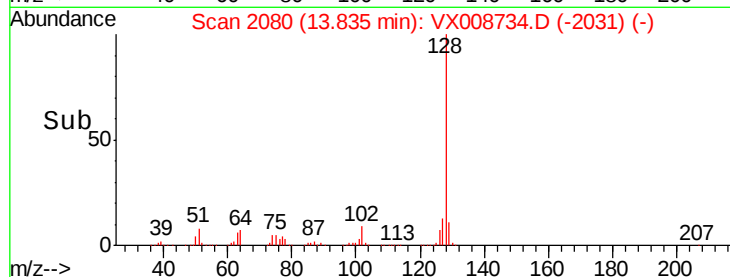
129 10.9 8.6 13.0



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: 45.233 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

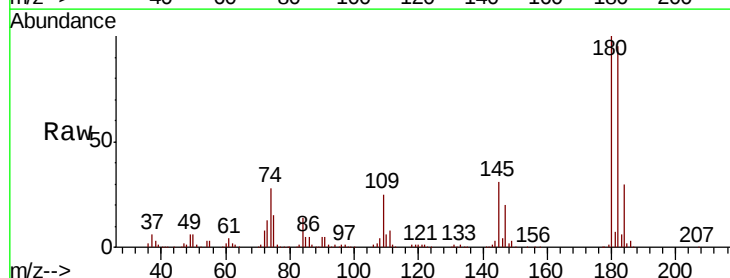
Tgt Ion:180 Resp: 136907

Ion Ratio Lower Upper

180 100

182 95.9 48.1 144.3

145 31.1 16.3 48.8



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

