

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008793.D
 Acq On : 09 Apr 2019 23:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 06:43:39 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	171987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123813	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	123612	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.50	113	91586	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	368113	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	134340	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79090	39.950	ug/l	98
3) Chloromethane	1.32	50	111135	45.659	ug/l	99
4) Vinyl Chloride	1.41	62	111306	41.591	ug/l	99
5) Bromomethane	1.64	94	57029	43.513	ug/l	95
6) Chloroethane	1.72	64	67789	46.148	ug/l	100
7) Trichlorofluoromethane	1.93	101	130155	43.996	ug/l	100
8) Diethyl Ether	2.19	74	62332	44.431	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83509	43.844	ug/l	99
10) Methyl Iodide	2.51	142	89979	51.721	ug/l	100
11) Tert butyl alcohol	3.04	59	129746	220.928	ug/l	100
12) 1,1-Dichloroethene	2.37	96	88029	44.273	ug/l	99
13) Acrolein	2.29	56	67079	230.351	ug/l	98
14) Allyl chloride	2.73	41	202277	44.439	ug/l	99
15) Acrylonitrile	3.14	53	351012	225.615	ug/l	100
16) Acetone	2.44	43	292997	202.789	ug/l	100
17) Carbon Disulfide	2.57	76	246247	42.781	ug/l	100
18) Methyl Acetate	2.78	43	167427	47.780	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	333209	46.926	ug/l	98
20) Methylene Chloride	2.85	84	104435	43.182	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	93246	43.356	ug/l	94
22) Diisopropyl ether	3.85	45	404555	46.113	ug/l	92
23) Vinyl Acetate	3.82	43	1776580	232.780	ug/l	99
24) 1,1-Dichloroethane	3.70	63	197162	45.391	ug/l	99
25) 2-Butanone	4.67	43	512344	224.357	ug/l	97
26) 2,2-Dichloropropane	4.59	77	116505	38.082	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110994	44.888	ug/l	97
28) Bromochloromethane	5.01	49	101326	56.221	ug/l	99
29) Tetrahydrofuran	5.13	42	342676	226.087	ug/l	99
30) Chloroform	5.21	83	179088	46.161	ug/l	98
31) Cyclohexane	5.58	56	187269	43.207	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	145410	46.381	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137324	42.794	ug/l	99
37) Ethyl Acetate	4.84	43	194718	45.460	ug/l	100
38) Carbon Tetrachloride	5.79	117	120935	45.534	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164972	41.616	ug/l	99
40) Benzene	6.15	78	425812	44.542	ug/l	99
41) Methacrylonitrile	5.04	41	113046	45.915	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150909	44.032	ug/l	100
43) Isopropyl Acetate	6.45	43	310962	46.345	ug/l	99
44) Trichloroethene	7.21	130	99743	44.797	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122165	44.772	ug/l	98
46) Dibromomethane	7.66	93	68833	43.495	ug/l	98
47) Bromodichloromethane	7.90	83	138413	46.387	ug/l	99
48) Methyl methacrylate	7.77	41	157124	46.293	ug/l	99
49) 1,4-Dioxane	7.74	88	52048	818.597	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1000590	231.654	ug/l	100
52) Toluene	8.79	92	254877	45.223	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157532	47.130	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173894	45.531	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103951	45.948	ug/l	99
56) Ethyl methacrylate	9.18	69	193070	47.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185400	45.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	517397	247.544	ug/l	100
59) 2-Hexanone	9.49	43	762606	227.185	ug/l	100
60) Dibromochloromethane	9.58	129	102459	48.061	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107144	45.493	ug/l	99
64) Tetrachloroethene	9.34	164	87962	45.257	ug/l	99
65) Chlorobenzene	10.14	112	260515	44.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94150	46.151	ug/l	99
67) Ethyl Benzene	10.25	91	483184	44.561	ug/l	99
68) m/p-Xylenes	10.36	106	347920	89.240	ug/l	100
69) o-Xylene	10.69	106	169361	44.825	ug/l	98
70) Styrene	10.71	104	299414	45.973	ug/l	100
71) Bromoform	10.85	173	74992	48.132	ug/l #	98
73) Isopropylbenzene	11.02	105	451410	43.994	ug/l	100
74) N-amyl acetate	10.90	43	272174	45.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	168415	43.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	194124	57.074	ug/l	81
77) Bromobenzene	11.26	156	109792	44.510	ug/l	99
78) n-propylbenzene	11.36	91	526387	44.059	ug/l	99
79) 2-Chlorotoluene	11.42	91	309633	42.826	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378934	43.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54400	44.088	ug/l	98
82) 4-Chlorotoluene	11.51	91	361254	43.166	ug/l	99
83) tert-Butylbenzene	11.77	119	359949	43.439	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	381585	43.753	ug/l	99
85) sec-Butylbenzene	11.94	105	435016	44.197	ug/l	99
86) p-Isopropyltoluene	12.06	119	392668	44.448	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194024	43.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193158	43.196	ug/l	99
89) n-Butylbenzene	12.38	91	371239	44.809	ug/l	99
90) Hexachloroethane	12.60	117	67388	45.991	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	191548	43.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36304	42.291	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

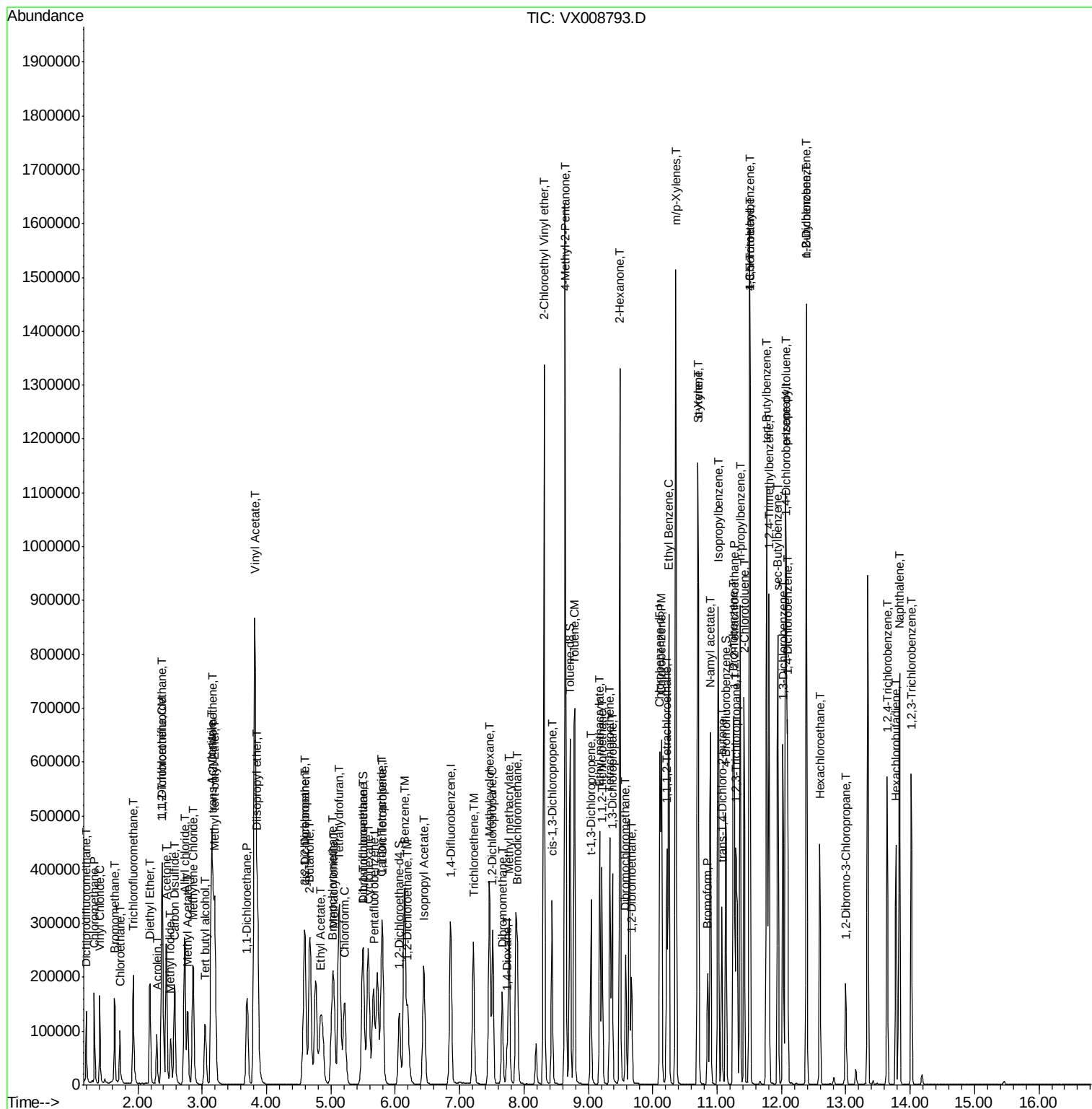
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137972	45.259	ug/l	99
94) Hexachlorobutadiene	13.78	225	66715	45.632	ug/l	99
95) Naphthalene	13.83	128	450074	44.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135826	44.594	ug/l	99

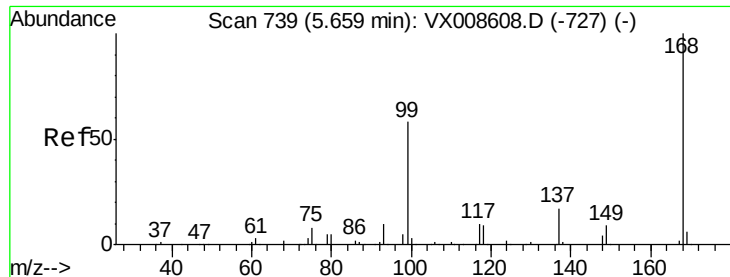
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040919\
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Operator  : JC/SP
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Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 35      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 10 06:43:39 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

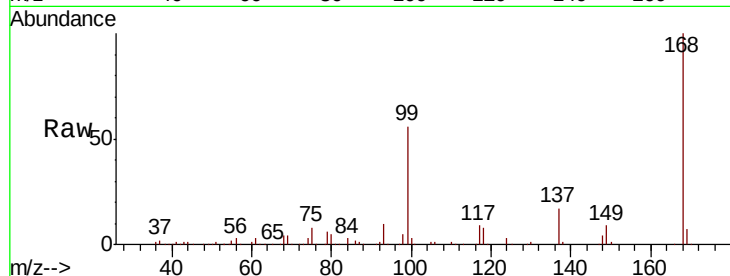
VSTDCCC050EC

Tot Ion:168 Resp: 171987

Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

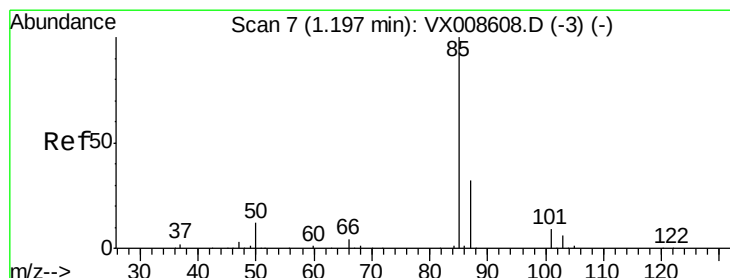
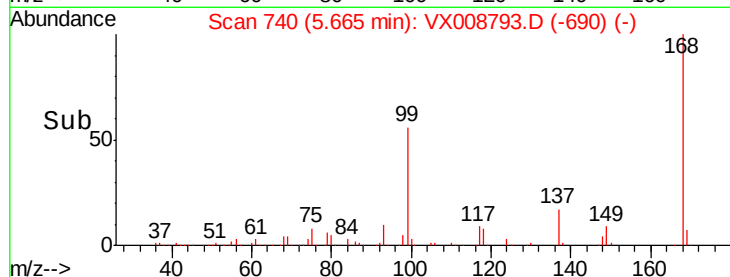
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 39.950 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008793.D

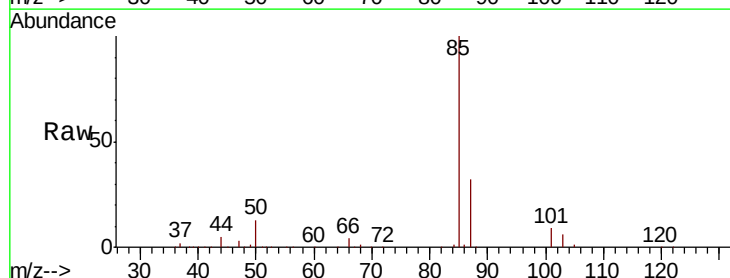
Acq: 09 Apr 2019 23:58

Tgt Ion: 85 Resp: 79090

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

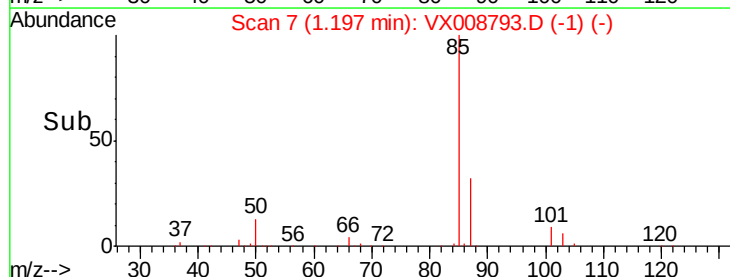
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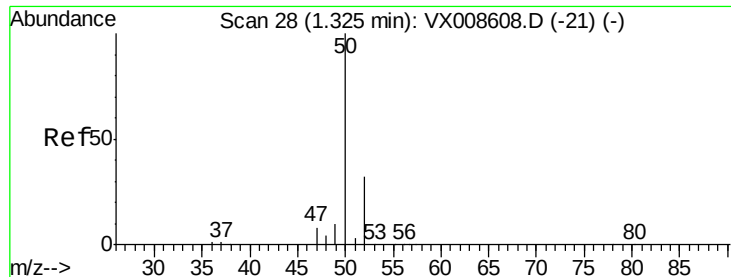
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0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.659 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

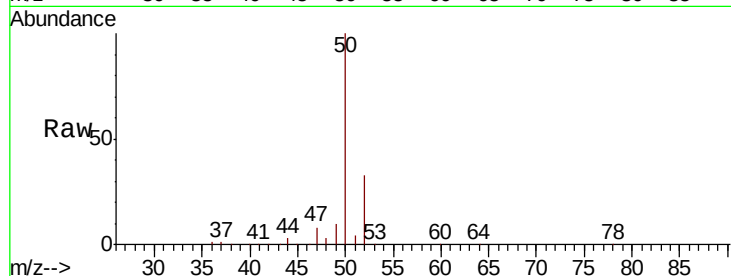
VSTDCCC050EC

Tot Ion: 50 Resp: 111135

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

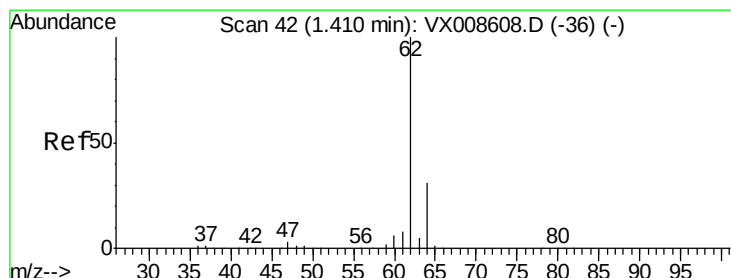
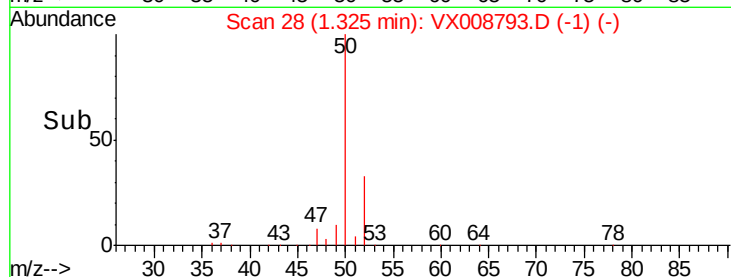
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 41.591 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008793.D

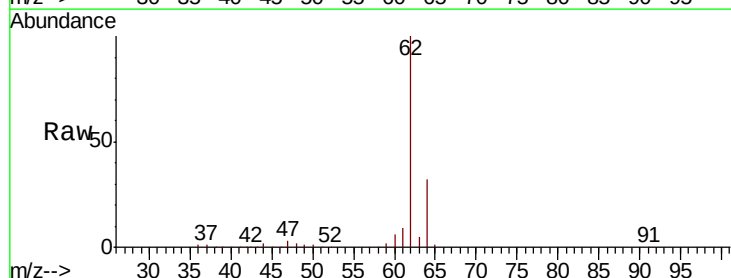
Acq: 09 Apr 2019 23:58

Tgt Ion: 62 Resp: 111306

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

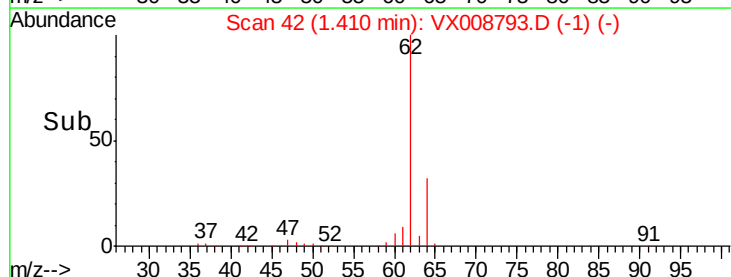
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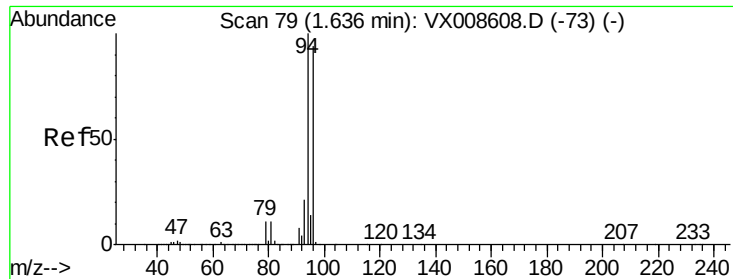
40000

20000

0

Time-->





#5

Bromomethane

Concen: 43.513 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

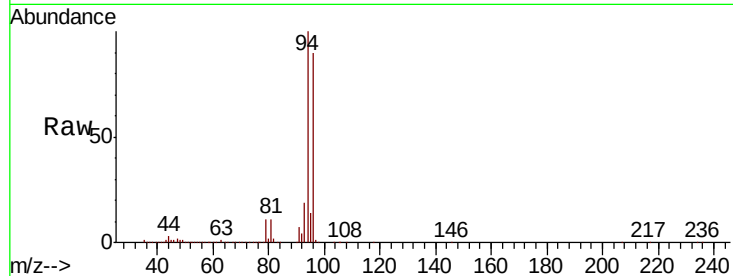
VSTDCCC050EC

Tot Ion: 94 Resp: 57029

Ion Ratio Lower Upper

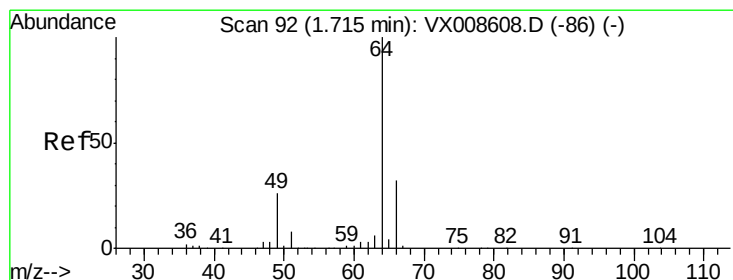
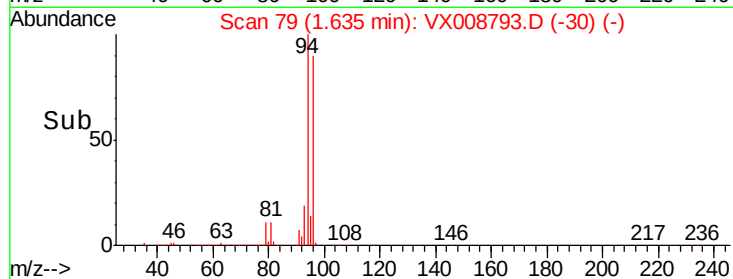
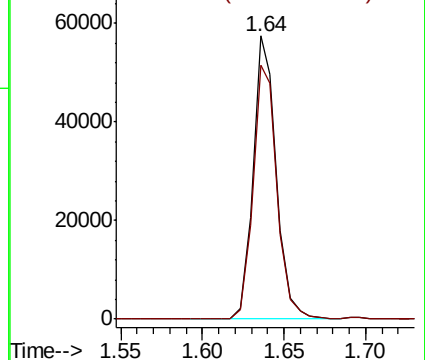
94 100

96 89.6 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: 46.148 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008793.D

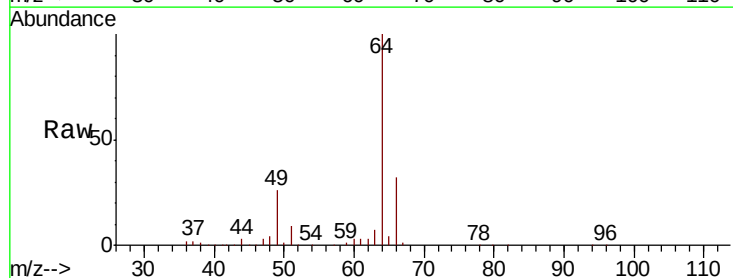
Acq: 09 Apr 2019 23:58

Tgt Ion: 64 Resp: 67789

Ion Ratio Lower Upper

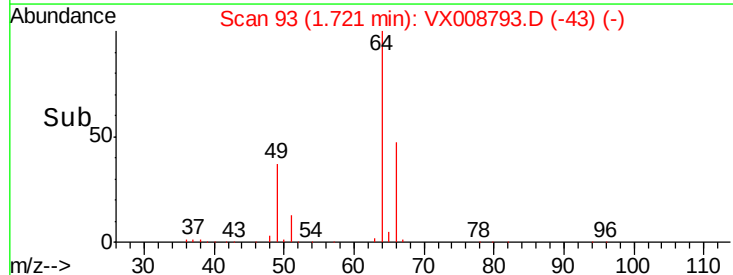
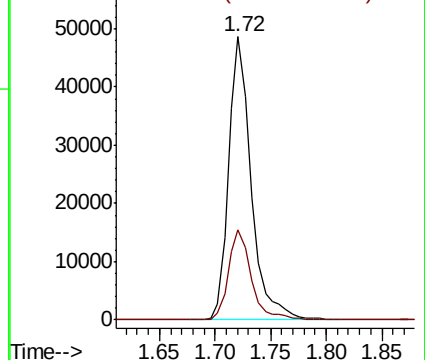
64 100

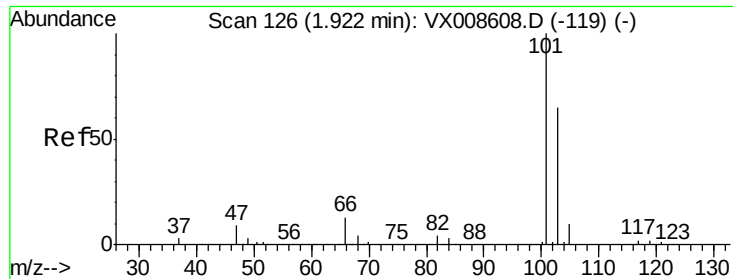
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



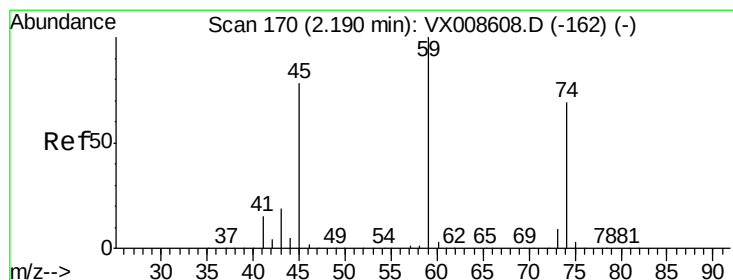
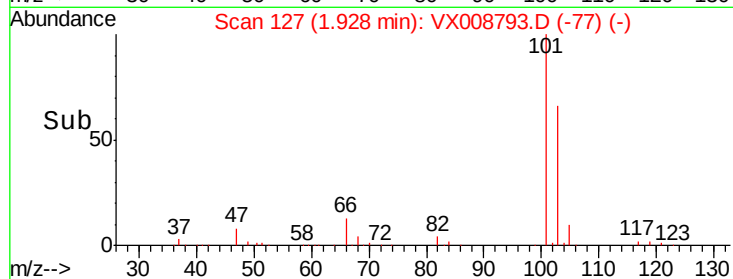
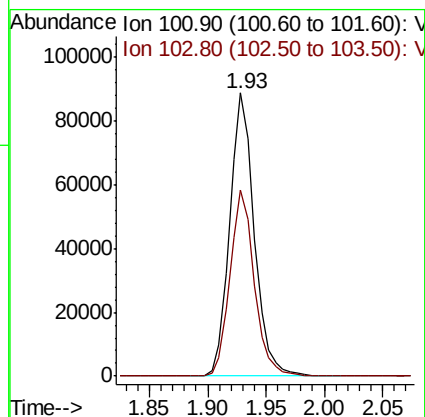
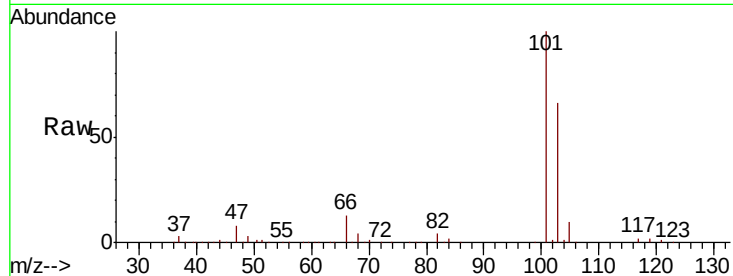


#7

Trichlorofluoromethane
 Concen: 43.996 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
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 VSTDCCC050EC

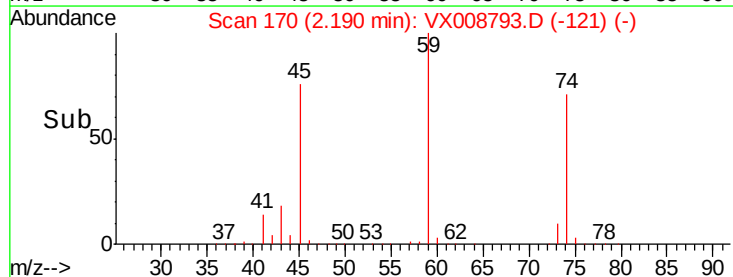
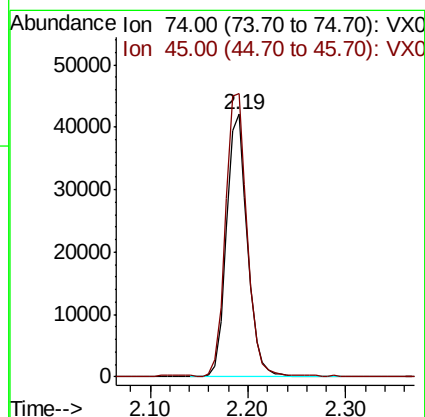
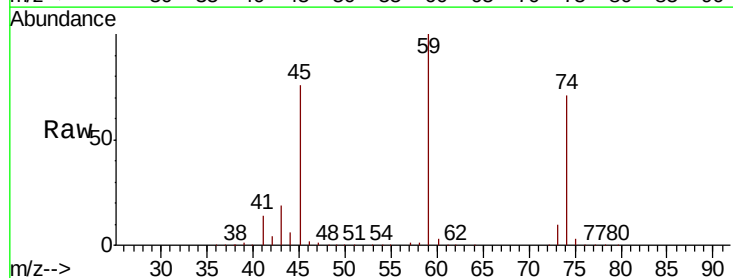
Tot Ion:101 Resp: 130155
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5

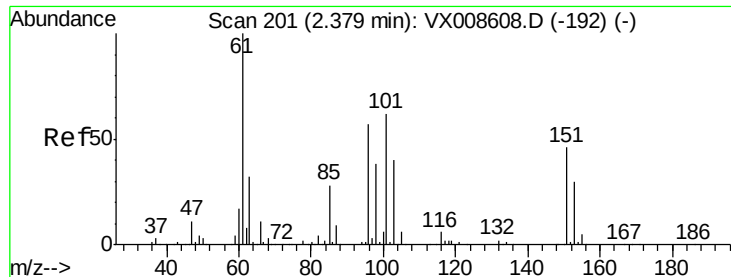


#8

Diethyl Ether
 Concen: 44.431 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 74 Resp: 62332
 Ion Ratio Lower Upper
 74 100
 45 110.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.844 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

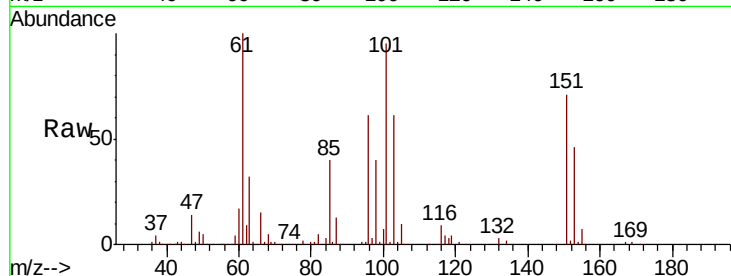
Tot Ion:101 Resp: 83509

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

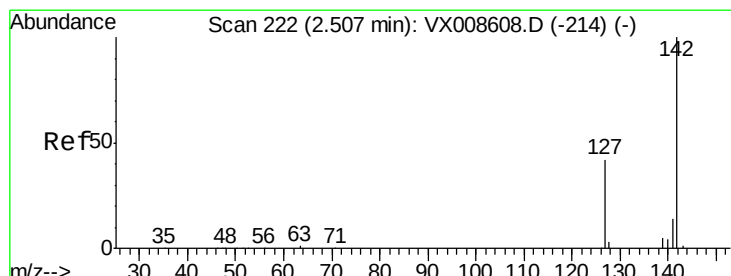
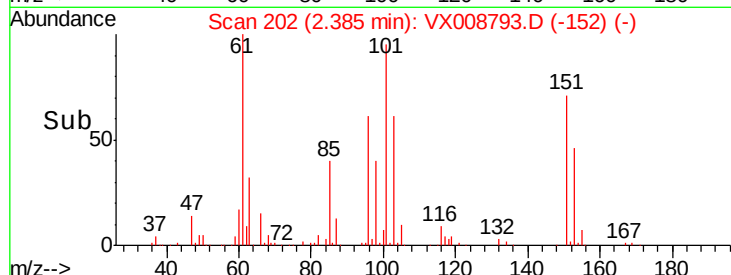
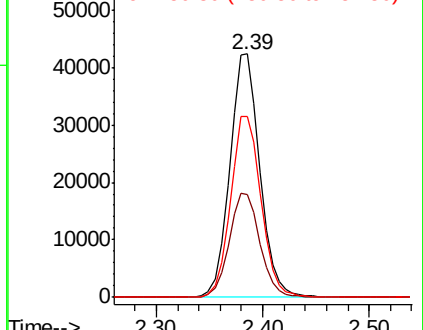
151 75.8 59.9 89.9



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: 51.721 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

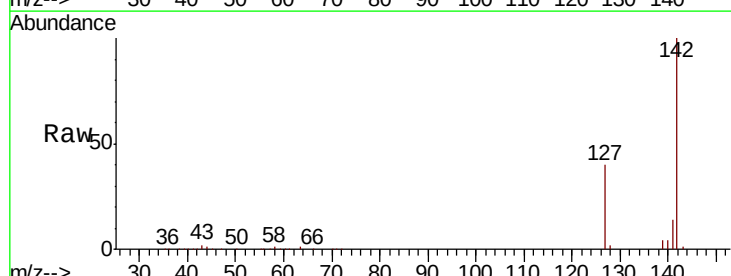
Tgt Ion:142 Resp: 89979

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

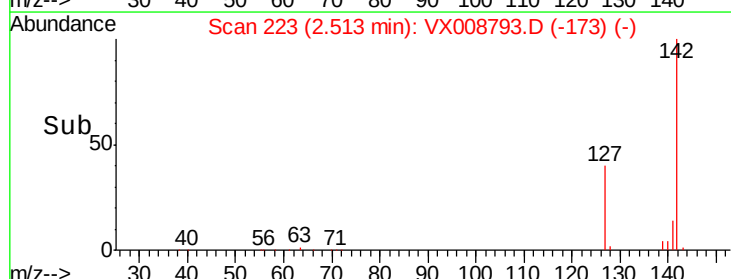
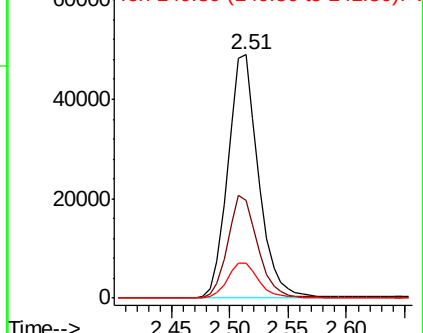
141 14.6 11.4 17.2

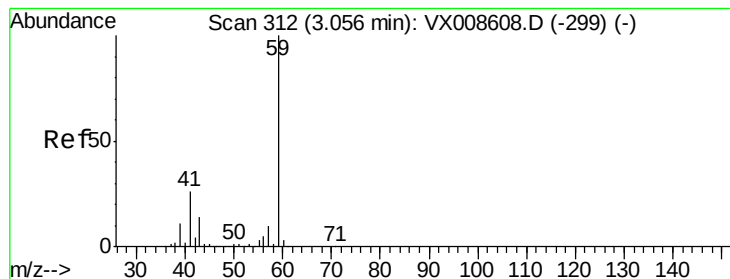


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



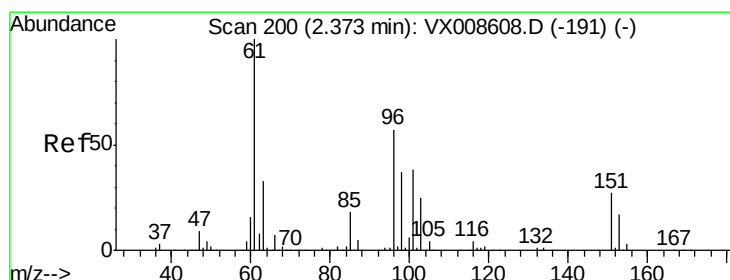
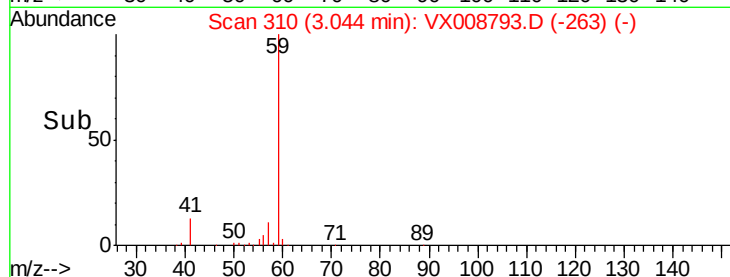
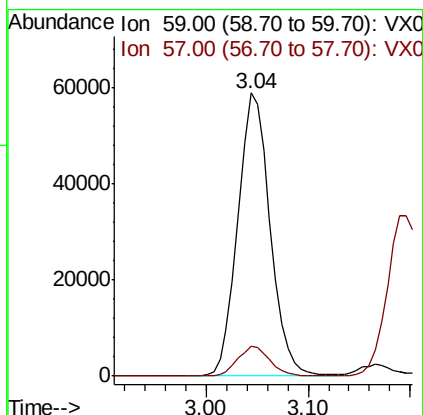
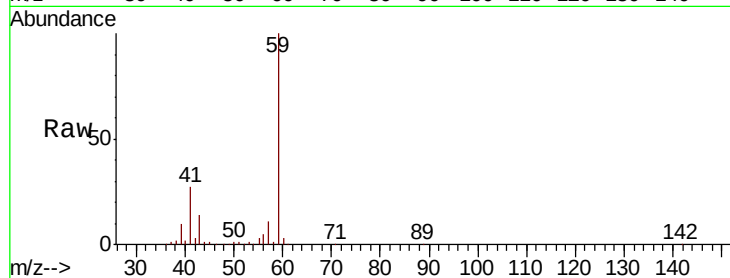


#11

Tert butyl alcohol
 Concen: 220.928 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

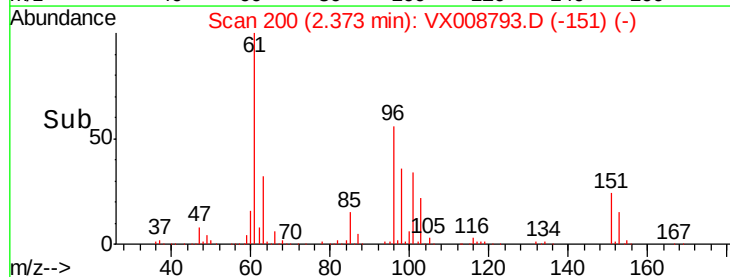
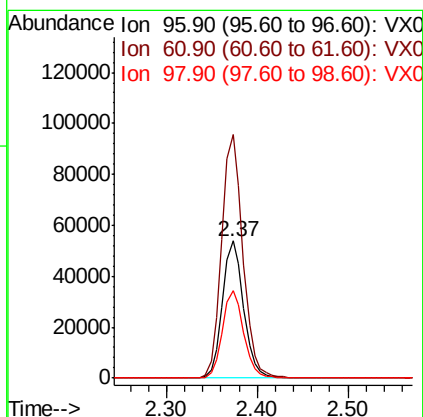
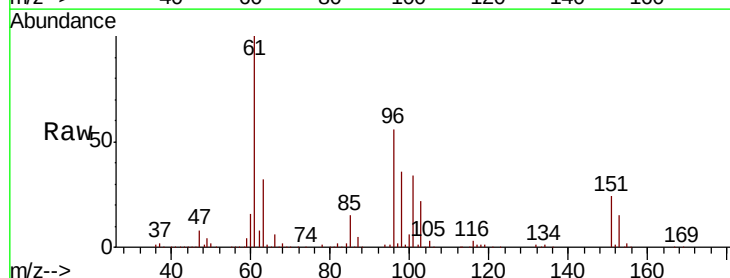
Tot Ion: 59 Resp: 129746
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

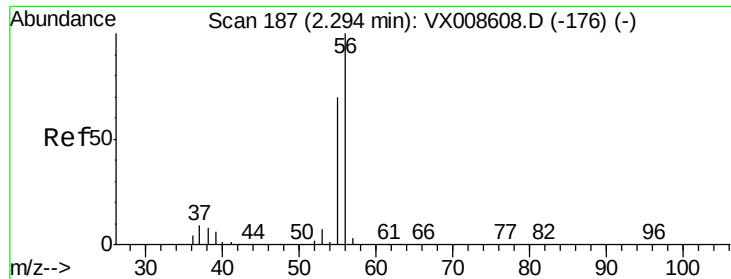


#12

1,1-Dichloroethene
 Concen: 44.273 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 96 Resp: 88029
 Ion Ratio Lower Upper
 96 100
 61 177.8 140.9 211.3
 98 64.0 52.1 78.1

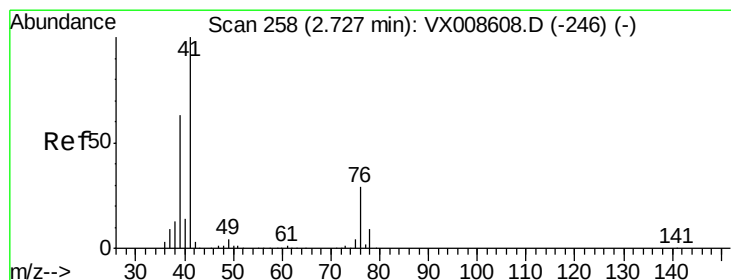
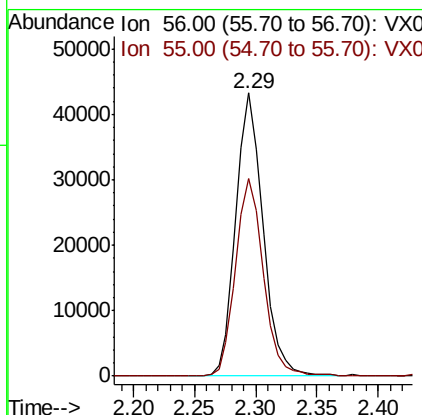
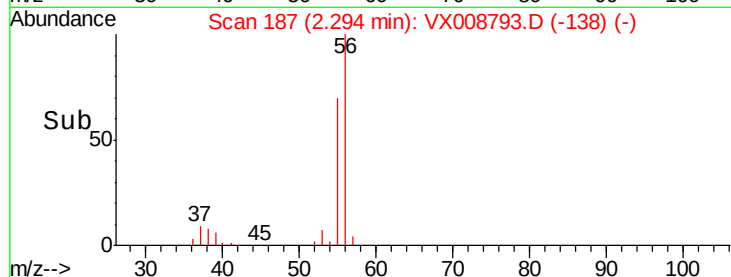
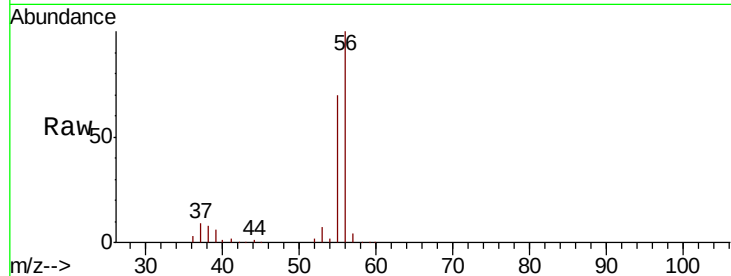




#13
Acrolein
Concen: 230.351 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

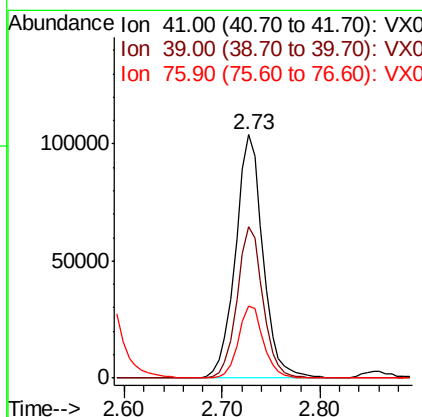
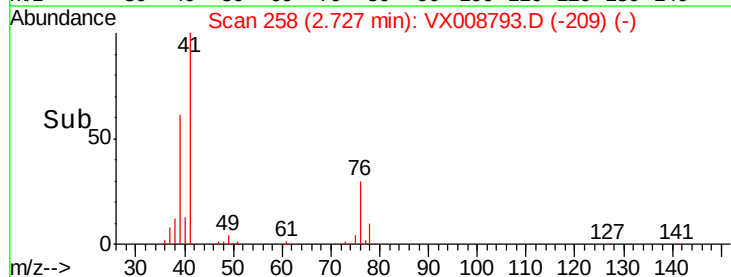
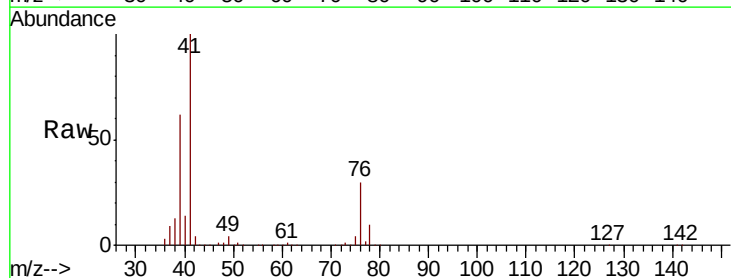
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

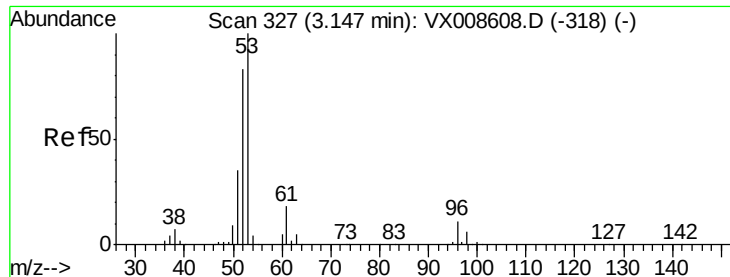
Tot Ion: 56 Resp: 67079
Ion Ratio Lower Upper
56 100
55 71.0 58.0 87.0



#14
Allyl chloride
Concen: 44.439 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 41 Resp: 202277
Ion Ratio Lower Upper
41 100
39 58.9 48.0 72.0
76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 225.615 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

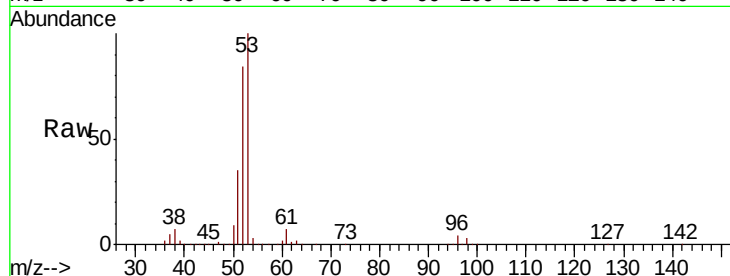
Tot Ion: 53 Resp: 351012

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

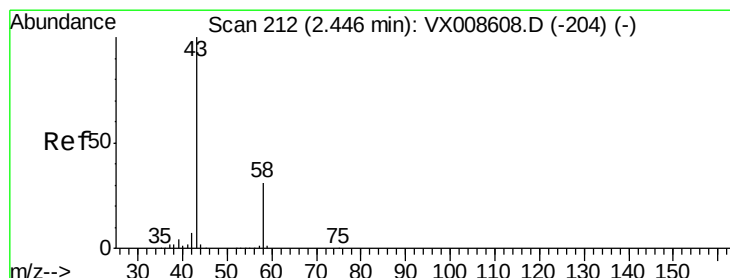
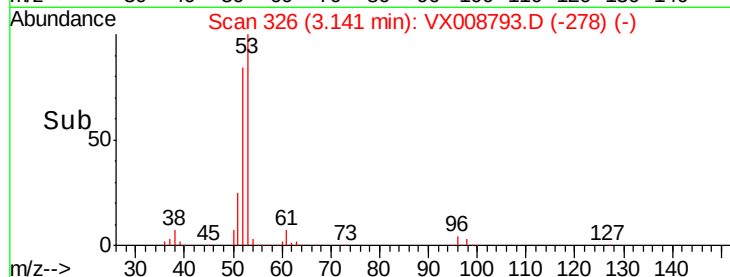
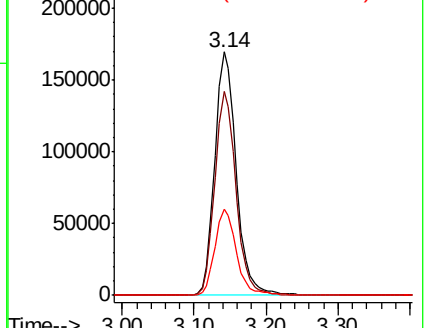
51 35.6 28.6 42.8



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: 202.789 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008793.D

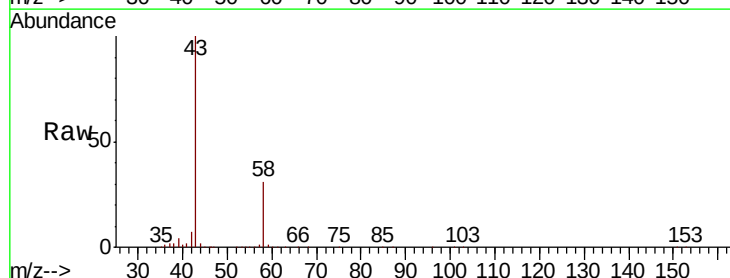
Acq: 09 Apr 2019 23:58

Tgt Ion: 43 Resp: 292997

Ion Ratio Lower Upper

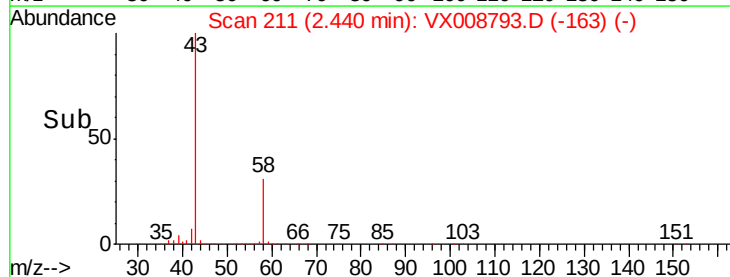
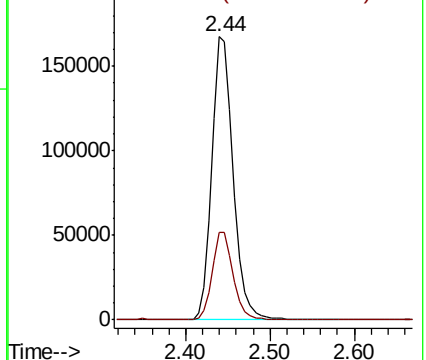
43 100

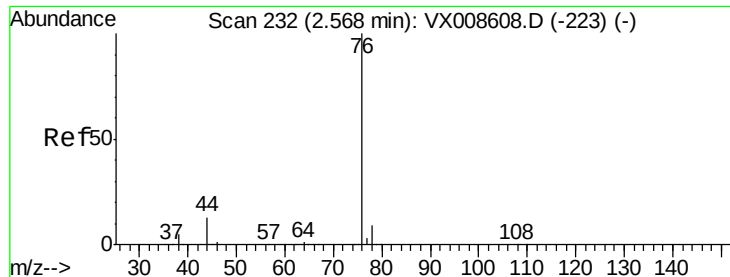
58 30.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.781 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

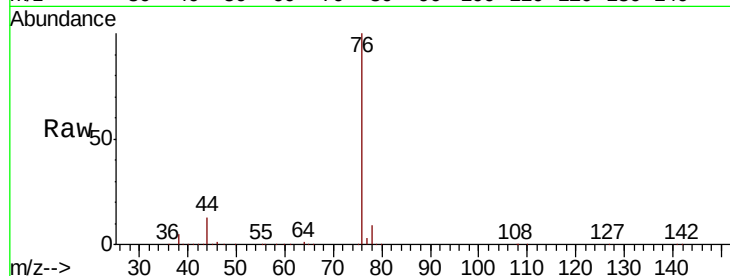
VSTDCCC050EC

Tot Ion: 76 Resp: 246247

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

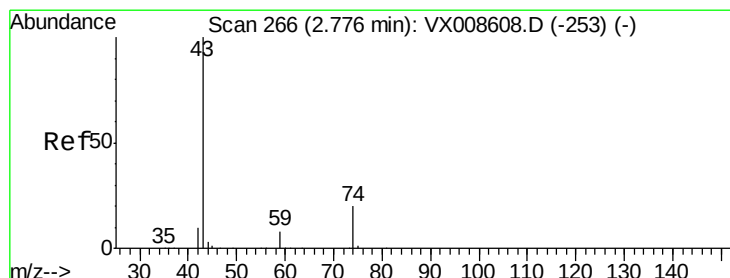
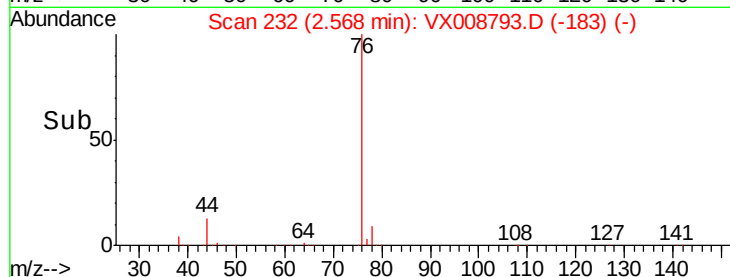
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 47.780 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008793.D

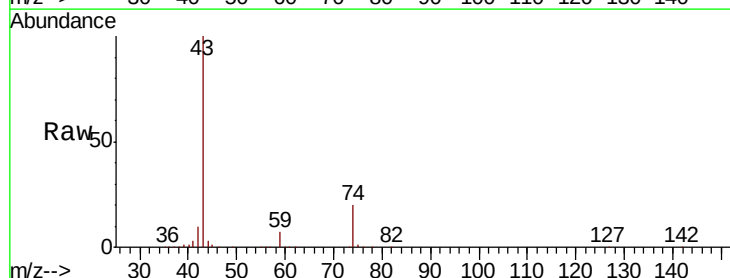
Acq: 09 Apr 2019 23:58

Tgt Ion: 43 Resp: 167427

Ion Ratio Lower Upper

43 100

74 20.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

40000

20000

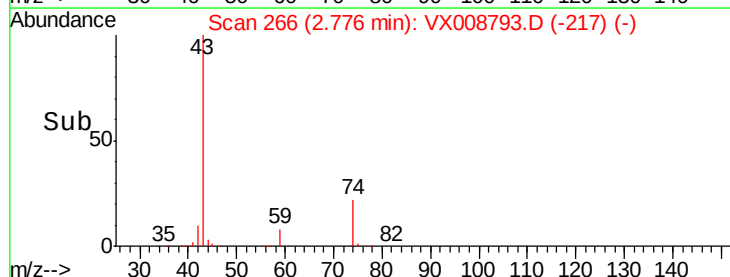
0

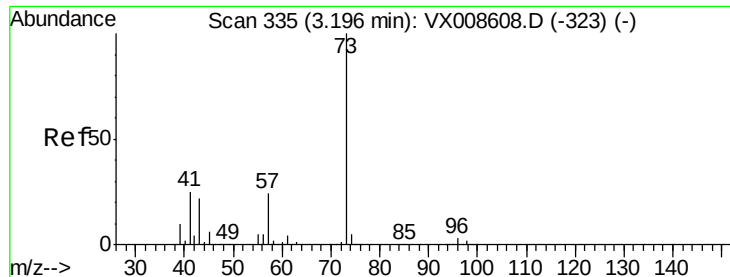
Time-->

2.70

2.80

2.90



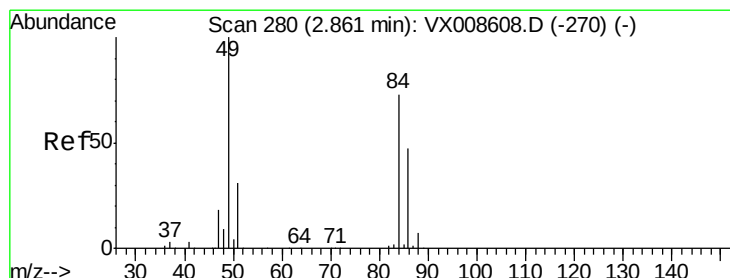
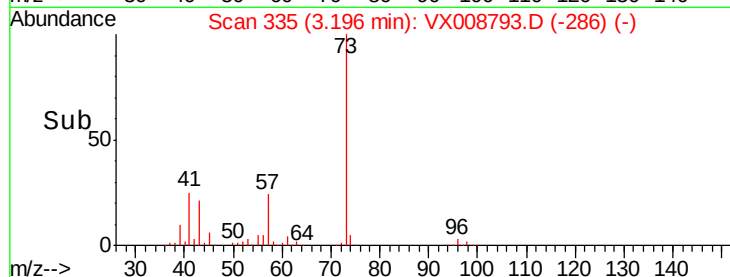
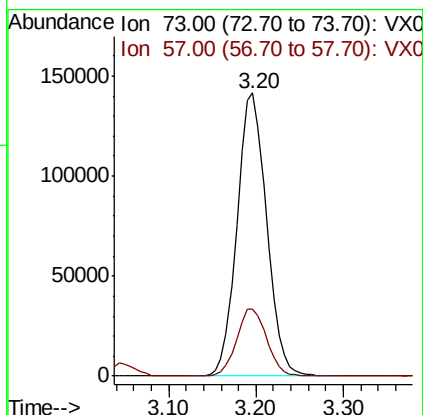
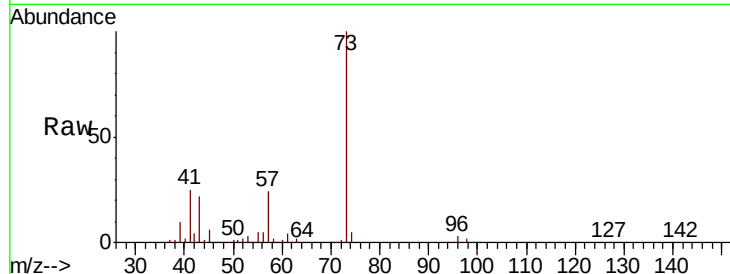


#19

Methvl tert-butyl Ether
 Concen: 46.926 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

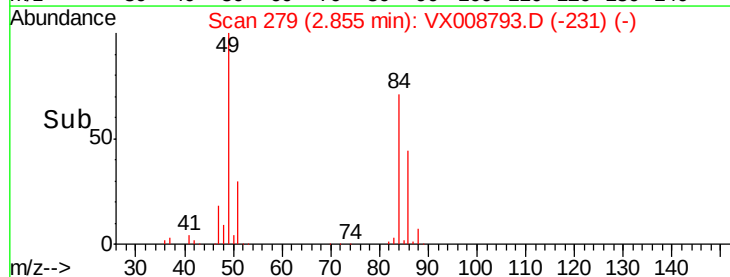
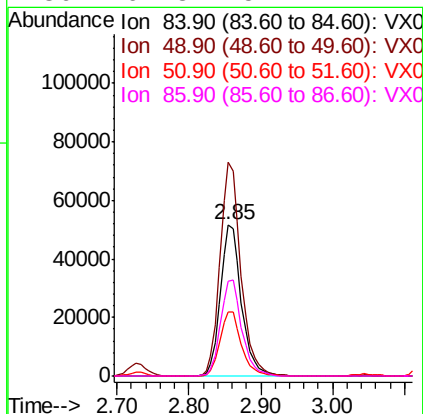
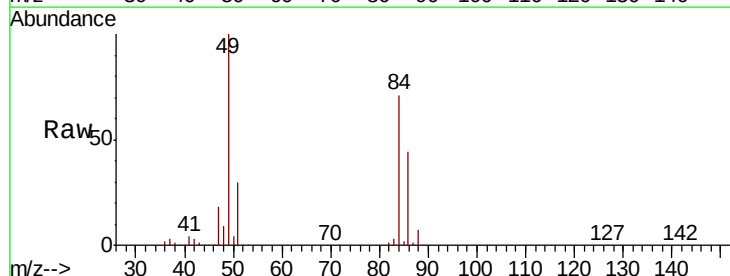
Tot Ion: 73 Resp: 333209
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.5 29.3

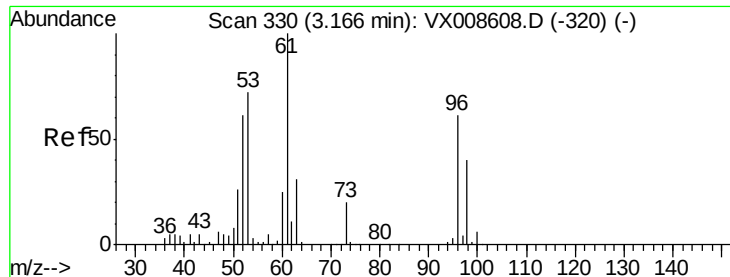


#20

Methylene Chloride
 Concen: 43.182 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 84 Resp: 104435
 Ion Ratio Lower Upper
 84 100
 49 141.0 109.7 164.5
 51 42.3 33.6 50.4
 86 62.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.356 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

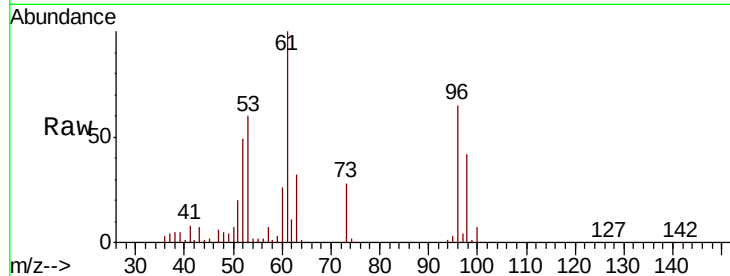
Tot Ion: 96 Resp: 93246

Ion Ratio Lower Upper

96 100

61 154.4 132.1 198.1

98 64.2 52.2 78.2

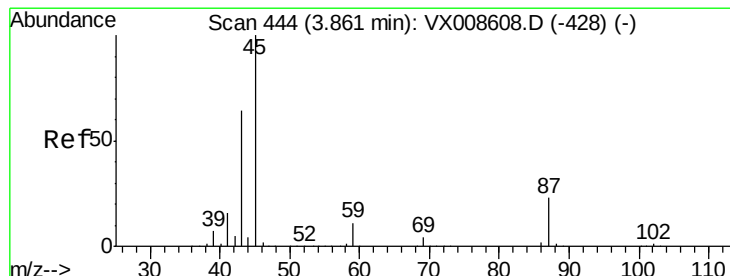
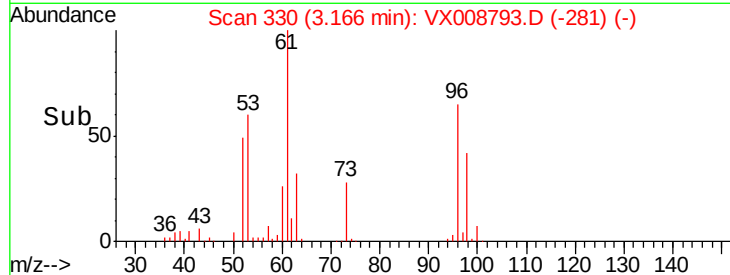
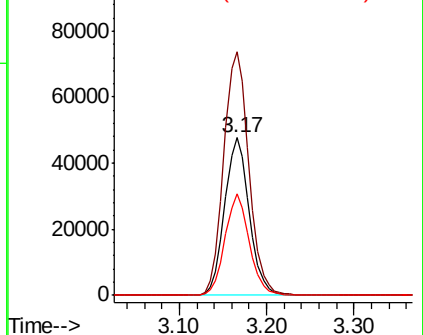


Abundance

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



#22

Diisopropyl ether

Concen: 46.113 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion: 45 Resp: 404555

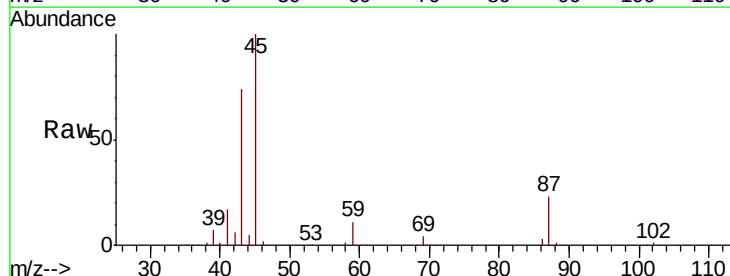
Ion Ratio Lower Upper

45 100

43 73.8 51.3 76.9

87 22.6 18.1 27.1

59 10.9 8.6 13.0



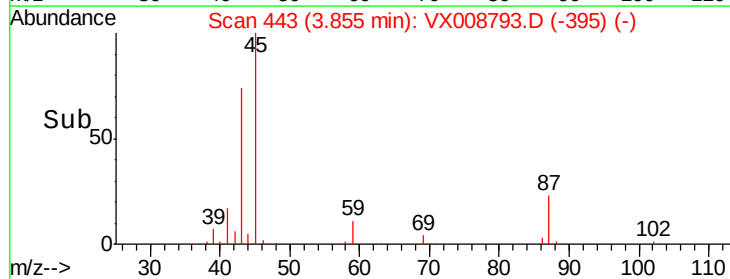
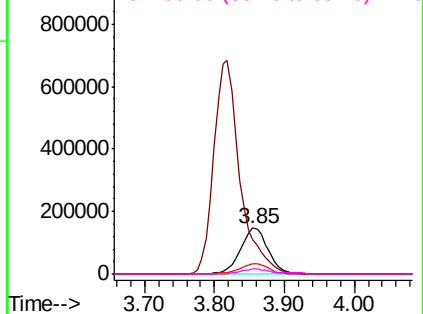
Abundance

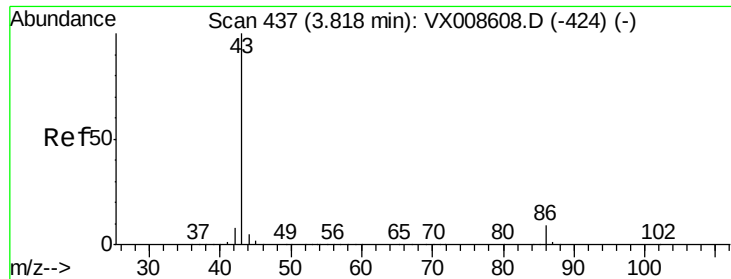
Ion 45.00 (44.70 to 45.70): VX0

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

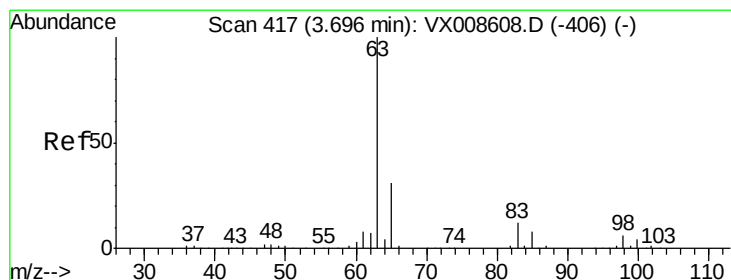
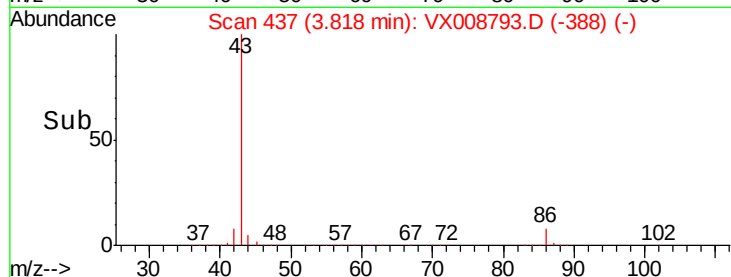
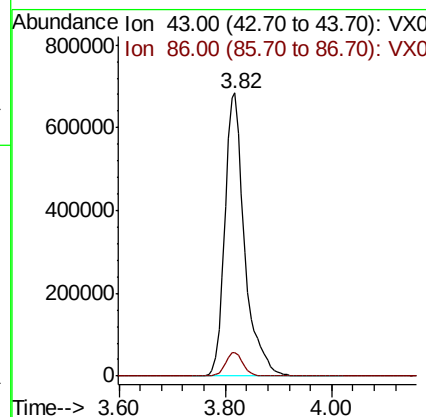
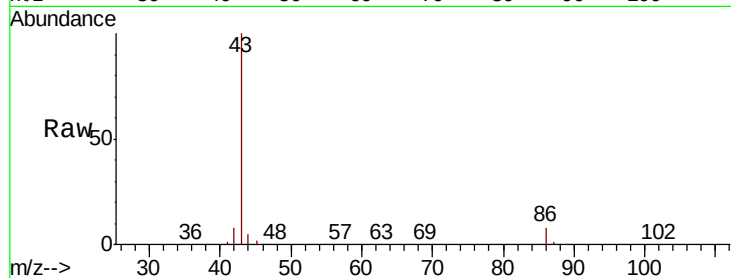




#23
 Vinyl Acetate
 Concen: 232.780 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

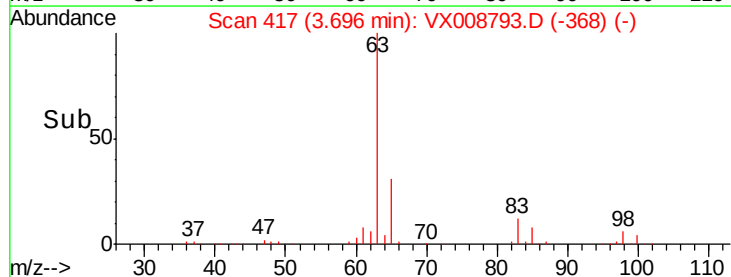
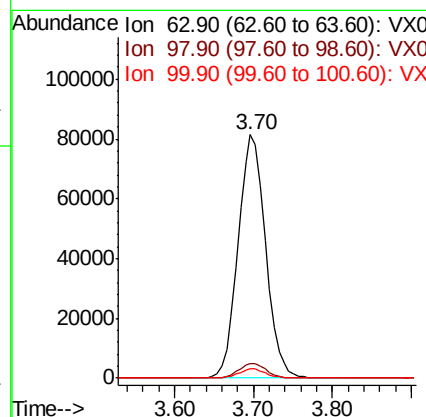
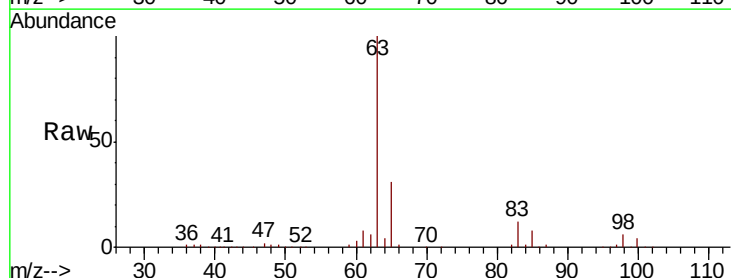
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

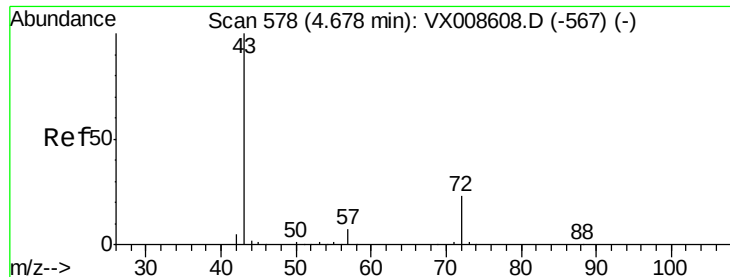
Tot Ion: 43 Resp: 1776580
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 45.391 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 63 Resp: 197162
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.8 8.4
 100 3.8 1.8 5.5





#25

2-Butanone

Concen: 224.357 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

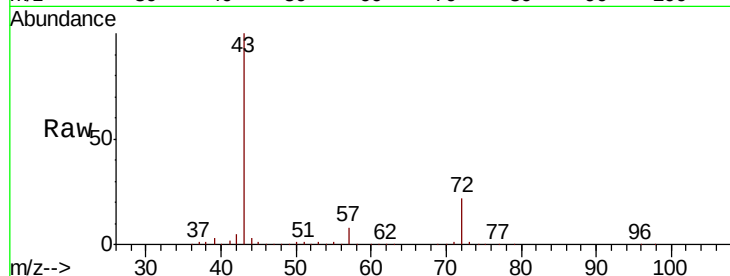
VSTDCCC050EC

Tot Ion: 43 Resp: 512344

Ion Ratio Lower Upper

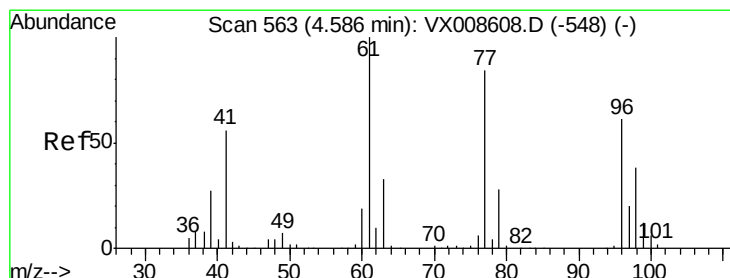
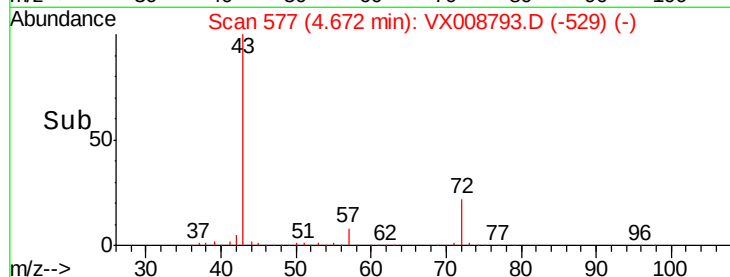
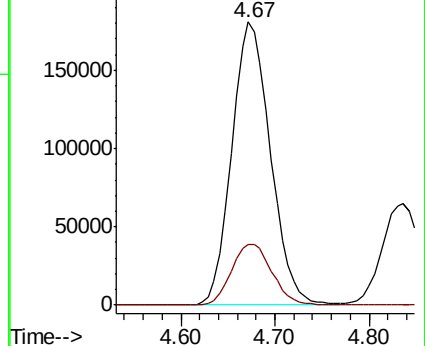
43 100

72 21.5 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: 38.082 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008793.D

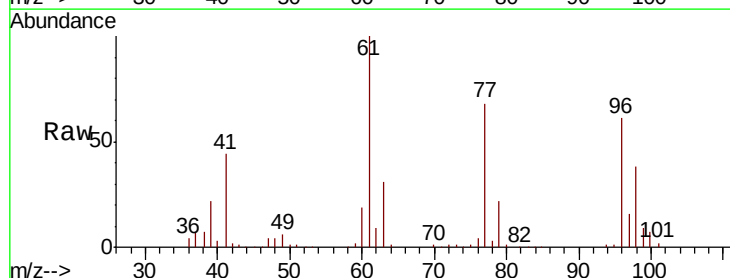
Acq: 09 Apr 2019 23:58

Tgt Ion: 77 Resp: 116505

Ion Ratio Lower Upper

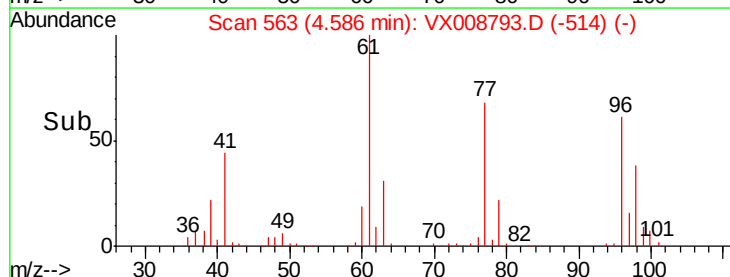
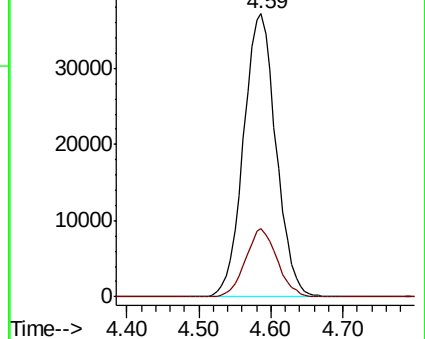
77 100

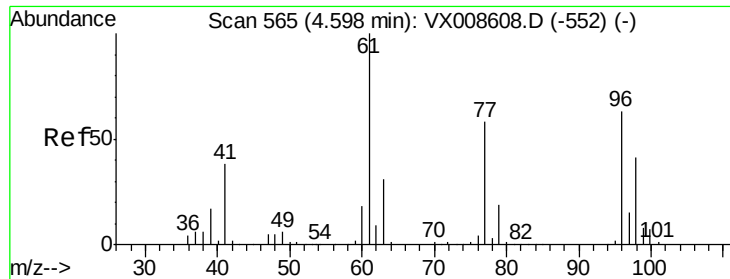
97 23.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



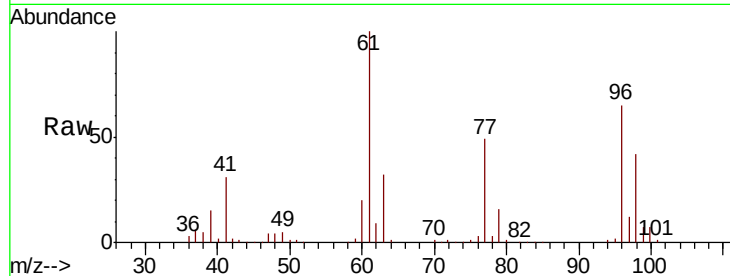


#27

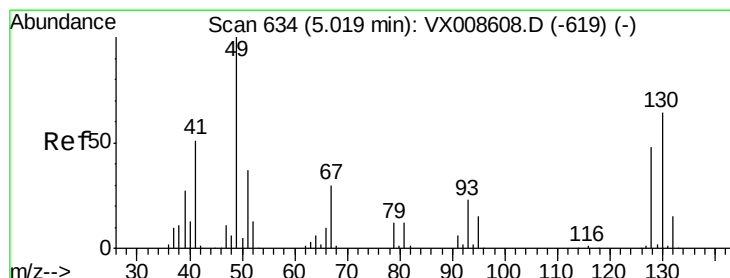
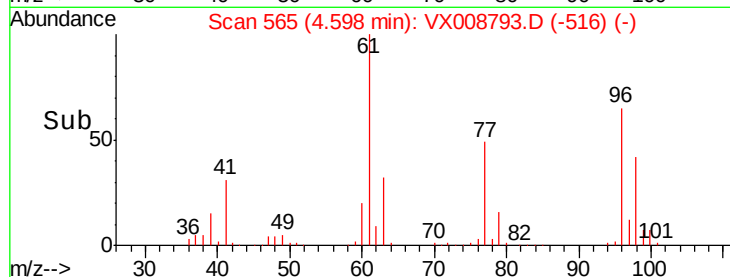
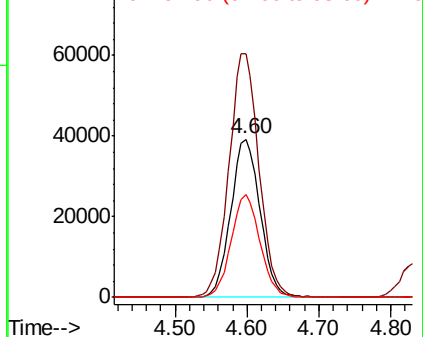
cis-1,2-Dichloroethene
Concen: 44.888 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 110994
Ion Ratio Lower Upper
96 100
61 158.2 0.0 327.6
98 63.7 0.0 128.6



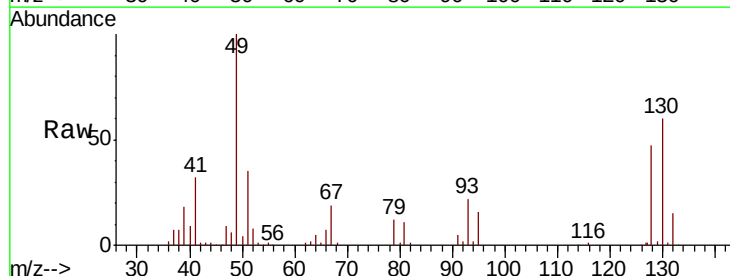
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



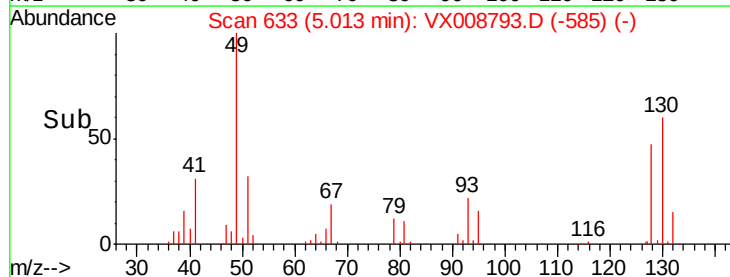
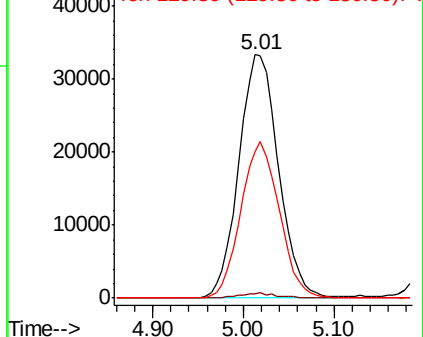
#28

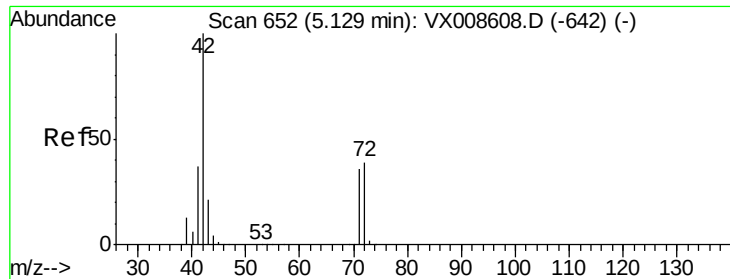
Bromochloromethane
Concen: 56.221 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 49 Resp: 101326
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 62.1 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: 226.087 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

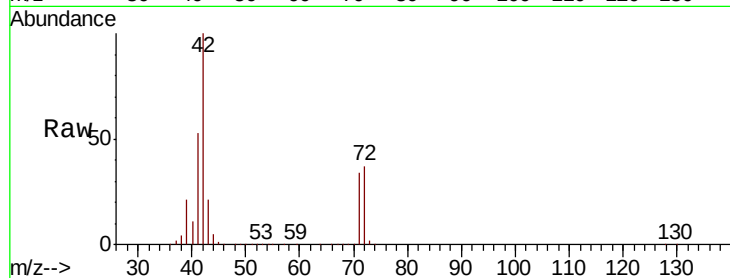
Tot Ion: 42 Resp: 342676

Ion Ratio Lower Upper

42 100

72 37.5 30.5 45.7

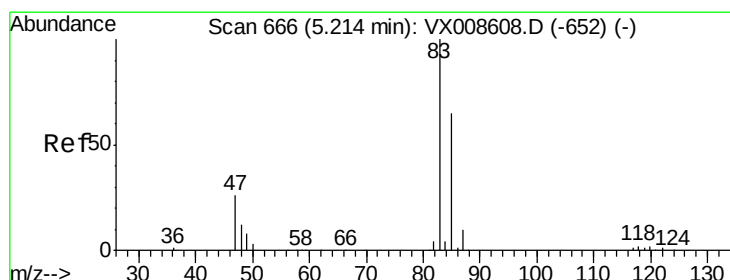
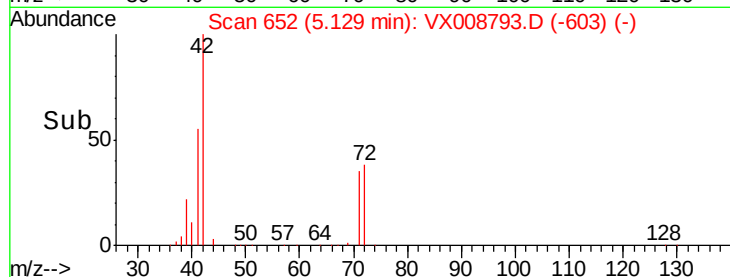
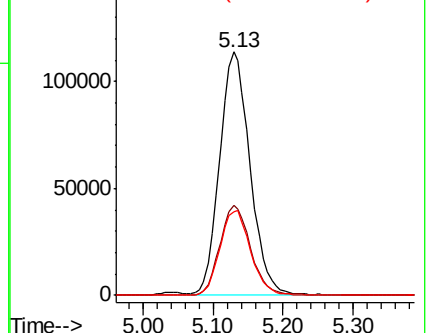
71 35.3 28.6 43.0



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: 46.161 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008793.D

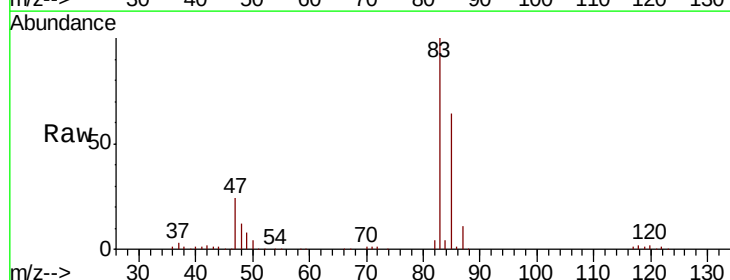
Acq: 09 Apr 2019 23:58

Tgt Ion: 83 Resp: 179088

Ion Ratio Lower Upper

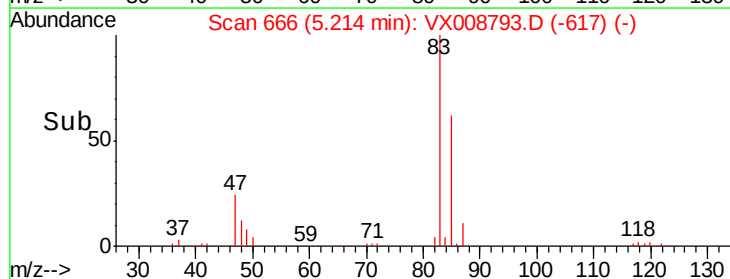
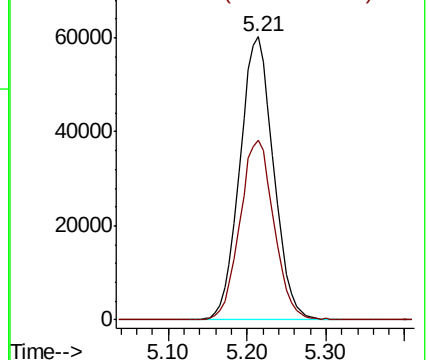
83 100

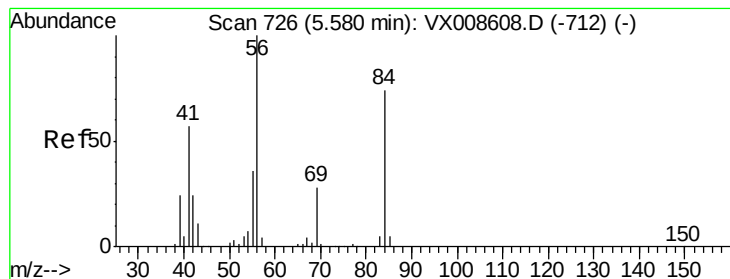
85 63.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.207 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

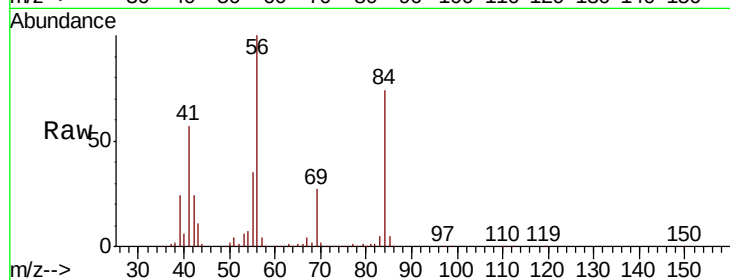
Tot Ion: 56 Resp: 187269

Ion Ratio Lower Upper

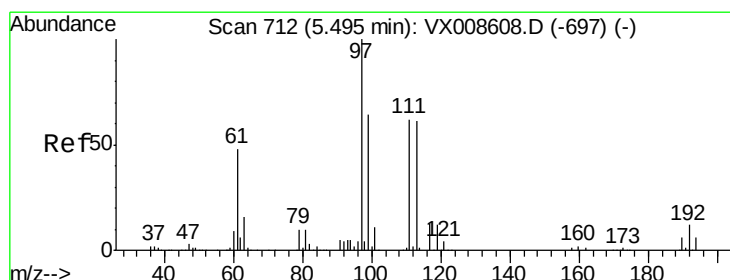
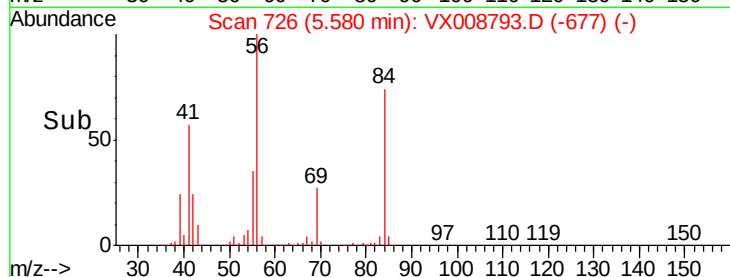
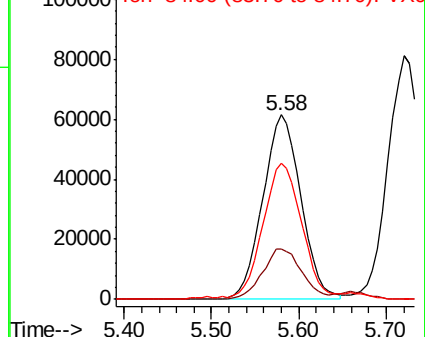
56 100

69 27.5 22.6 33.8

84 73.2 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.381 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

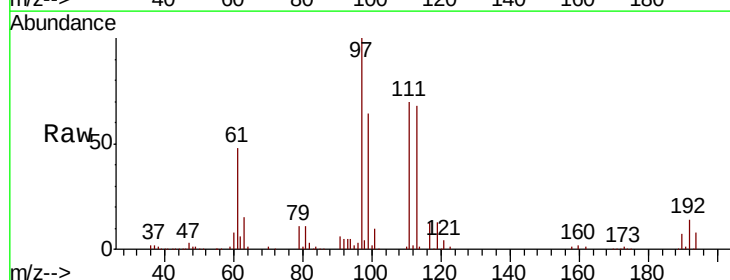
Tgt Ion: 97 Resp: 145410

Ion Ratio Lower Upper

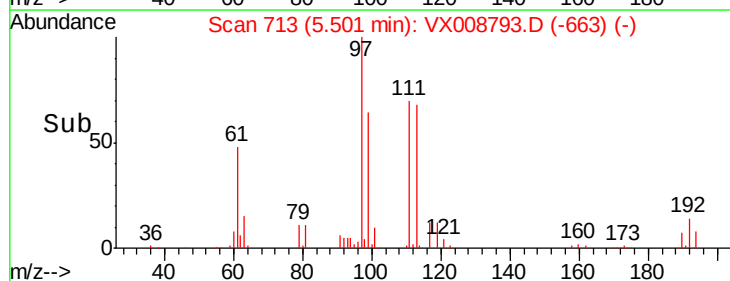
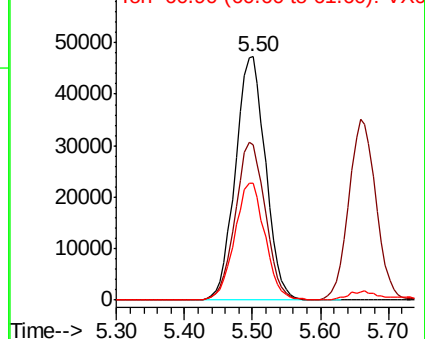
97 100

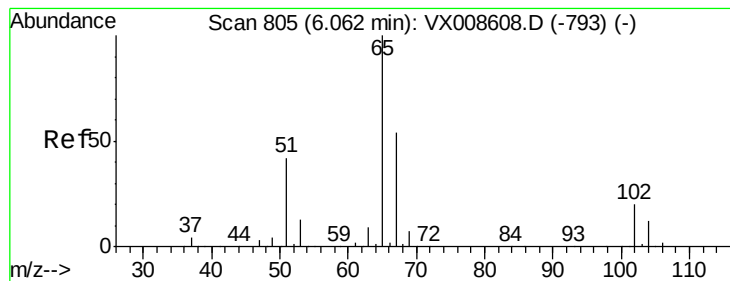
99 64.6 51.3 76.9

61 48.7 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.277 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

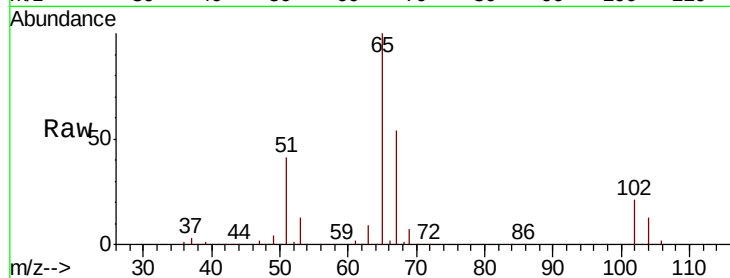
VSTDCCC050EC

Tot Ion: 65 Resp: 123612

Ion Ratio Lower Upper

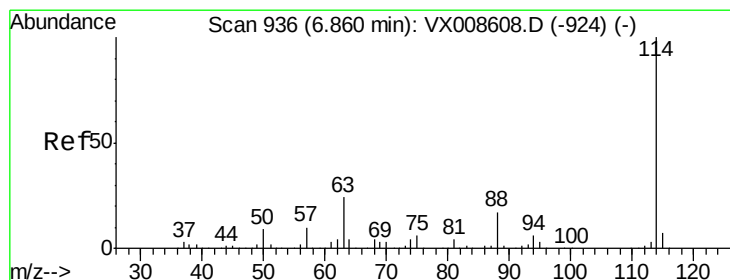
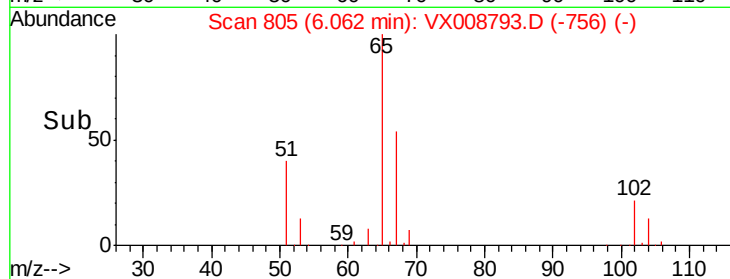
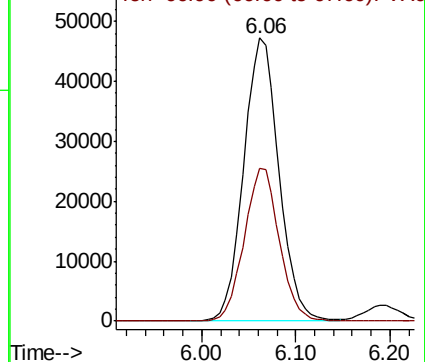
65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

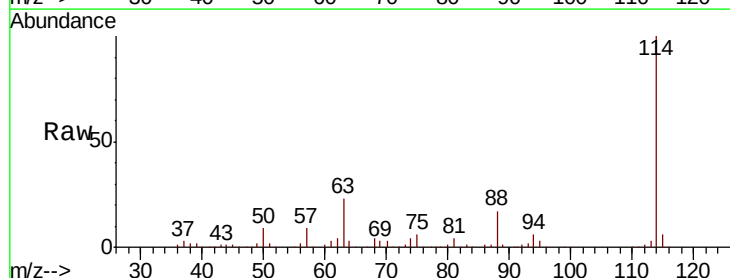
Tgt Ion: 114 Resp: 293565

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

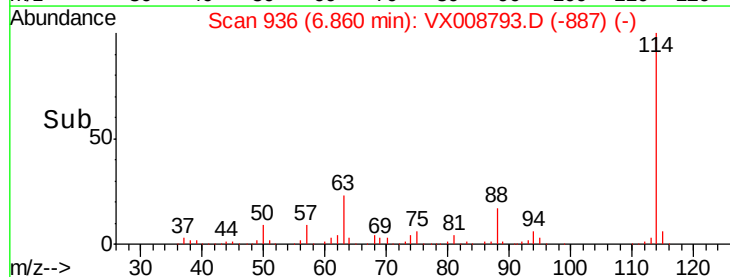
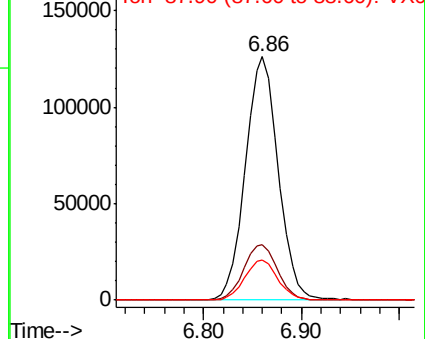
88 16.6 0.0 34.0

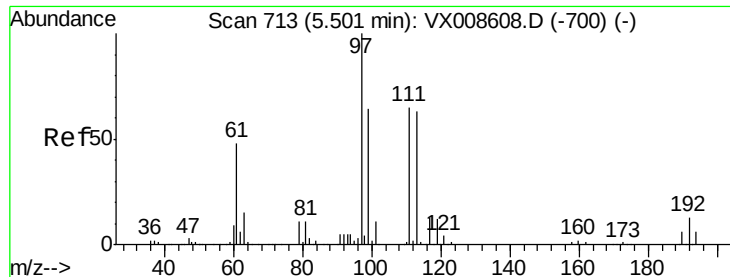


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.795 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

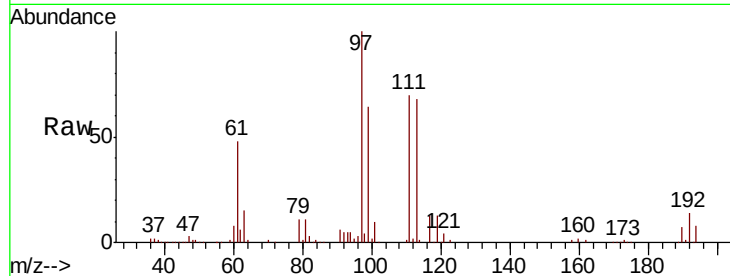
Tot Ion:113 Resp: 91586

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

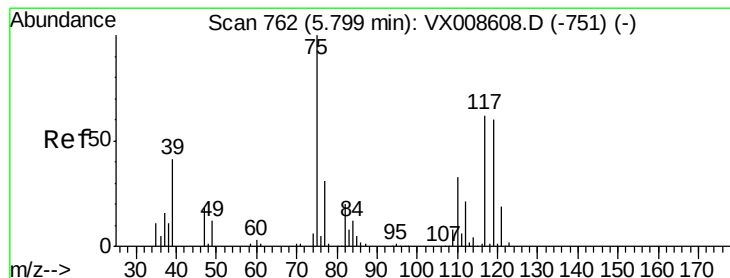
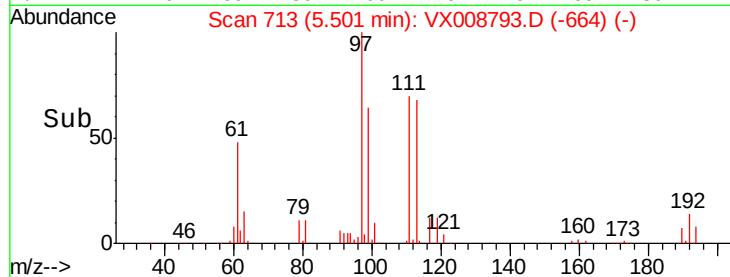
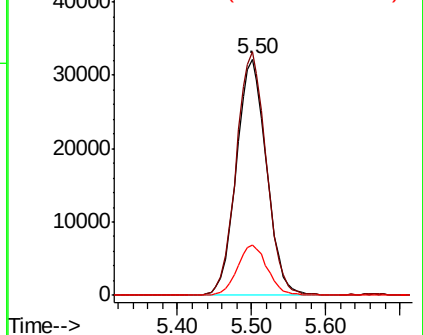
192 20.9 16.1 24.1



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: 42.794 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

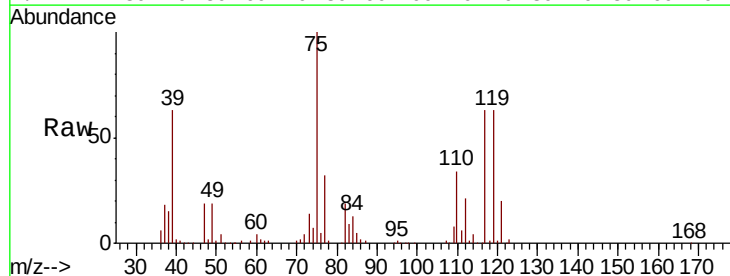
Tgt Ion: 75 Resp: 137324

Ion Ratio Lower Upper

75 100

110 33.5 16.4 49.2

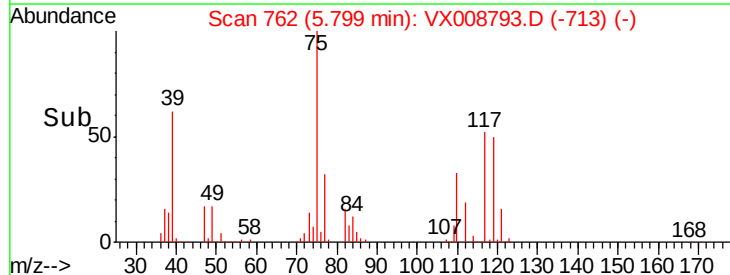
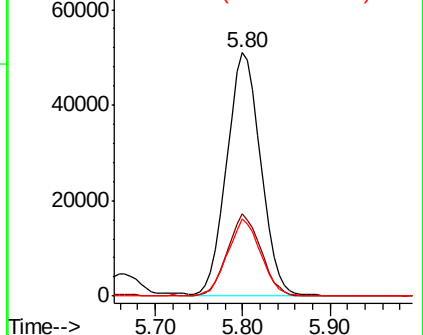
77 31.3 24.7 37.1

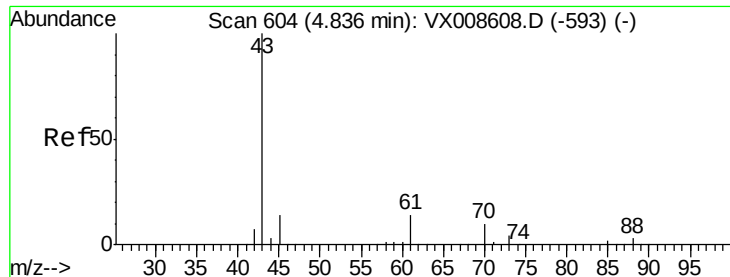


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.460 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

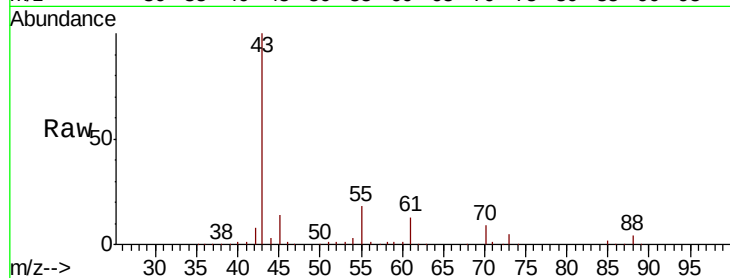
Tot Ion: 43 Resp: 194718

Ion Ratio Lower Upper

43 100

61 13.1 10.3 15.5

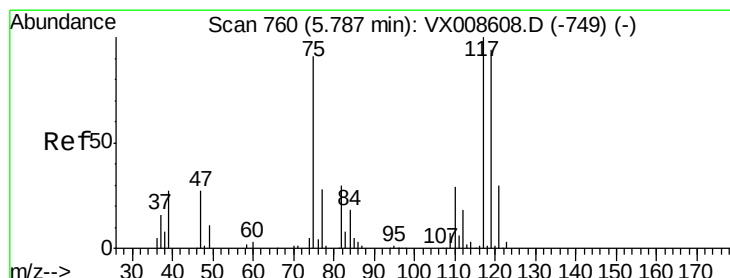
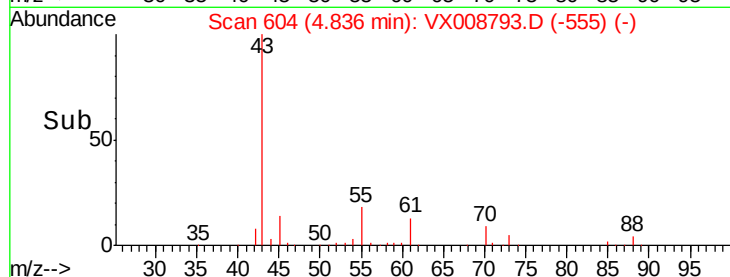
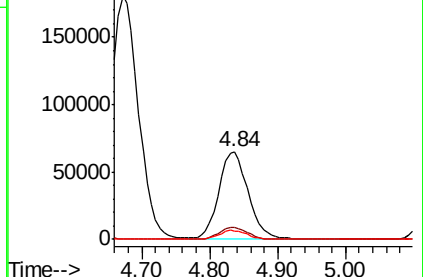
70 9.7 7.6 11.4



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: 45.534 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

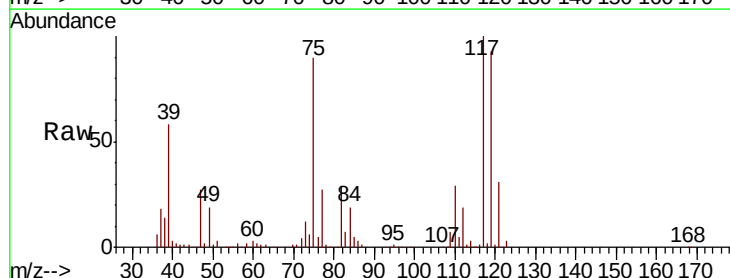
Tgt Ion: 117 Resp: 120935

Ion Ratio Lower Upper

117 100

119 93.4 75.0 112.6

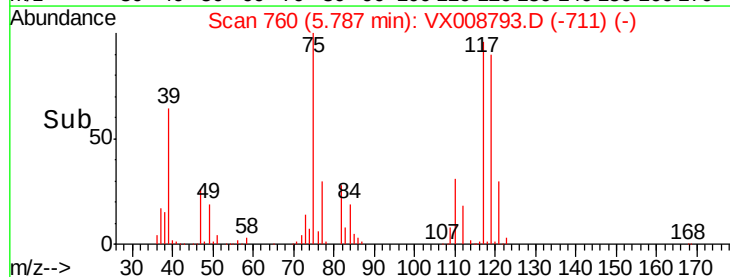
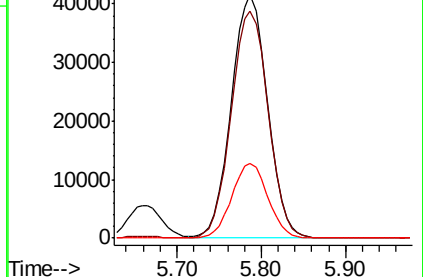
121 30.6 24.3 36.5

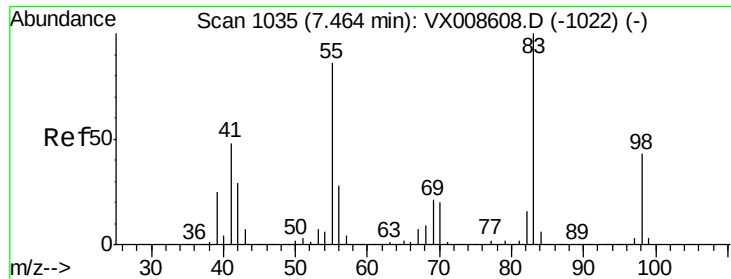


Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

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

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

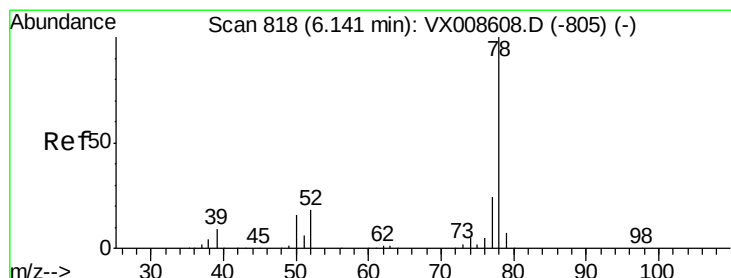
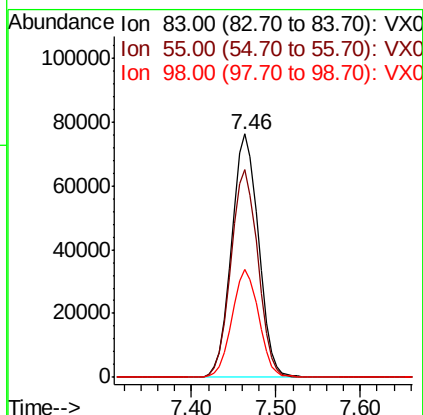
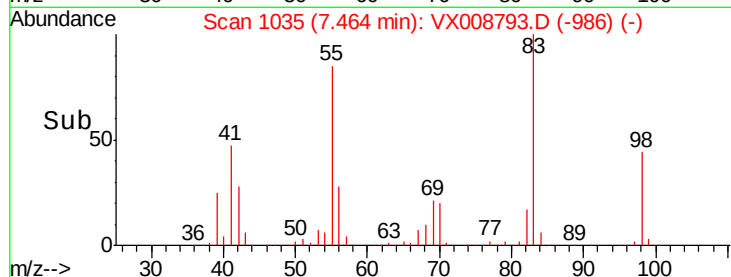
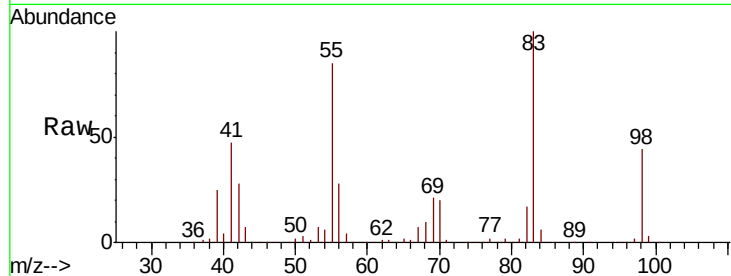




#39
Methylvlcyclohexane
Concen: 41.616 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

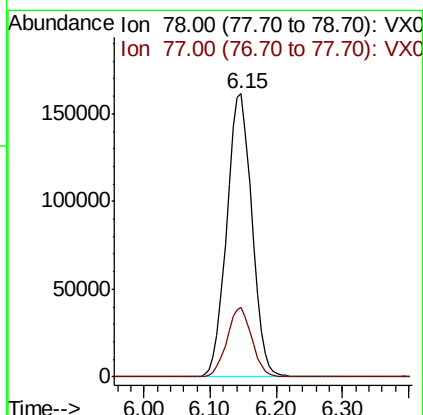
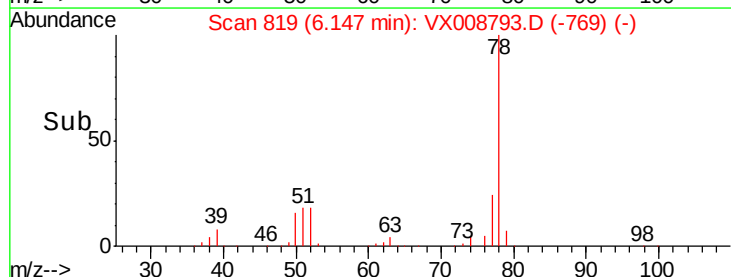
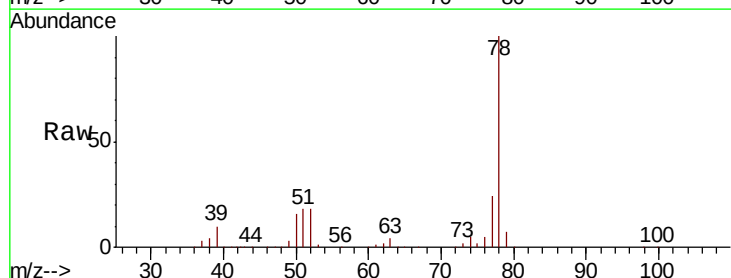
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

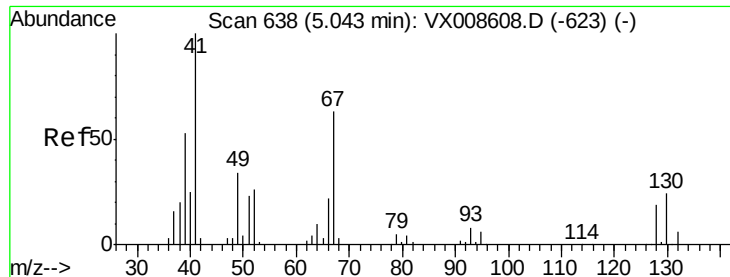
Tot Ion: 83 Resp: 164972
Ion Ratio Lower Upper
83 100
55 85.4 69.0 103.6
98 44.2 34.4 51.6



#40
Benzene
Concen: 44.542 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 78 Resp: 425812
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41

Methacrylonitrile

Concen: 45.915 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 113046

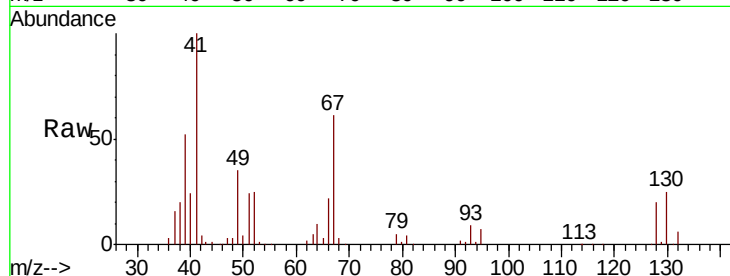
Ion Ratio Lower Upper

41 100

39 52.1 42.1 63.1

67 61.9 51.0 76.6

52 25.1 21.4 32.0

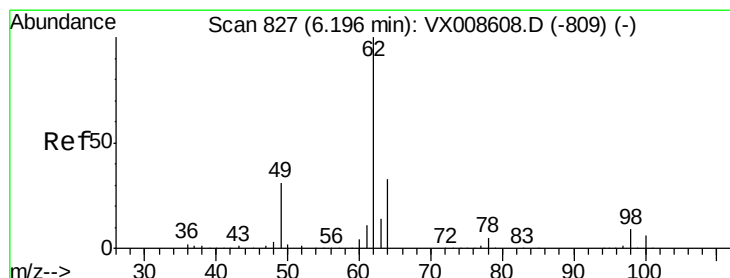
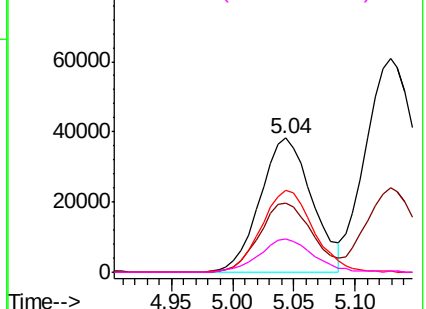
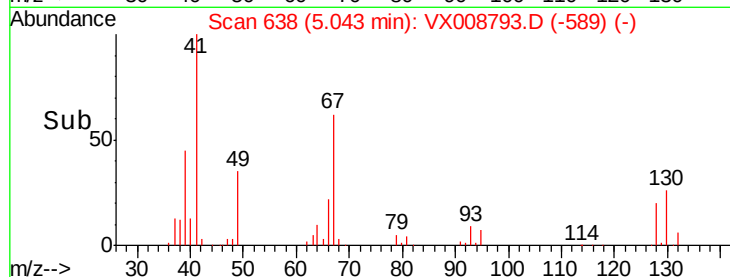


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.032 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008793.D

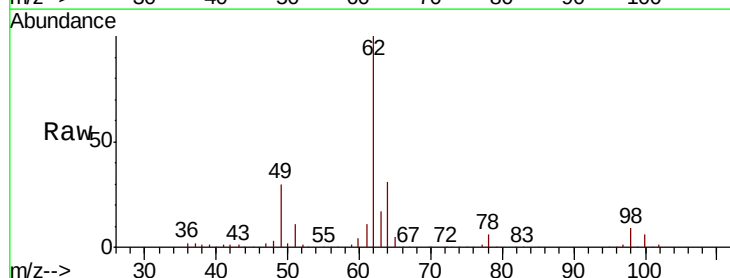
Acq: 09 Apr 2019 23:58

Tgt Ion: 62 Resp: 150909

Ion Ratio Lower Upper

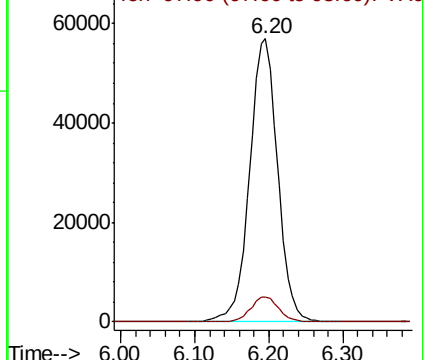
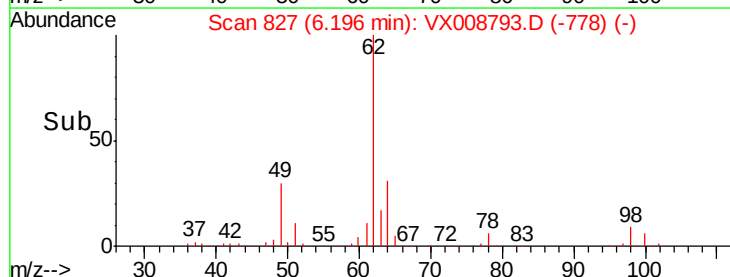
62 100

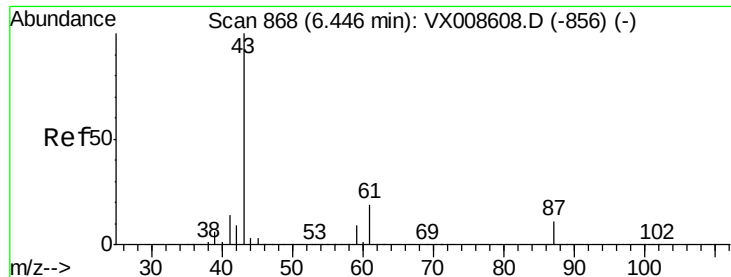
98 8.9 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.345 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

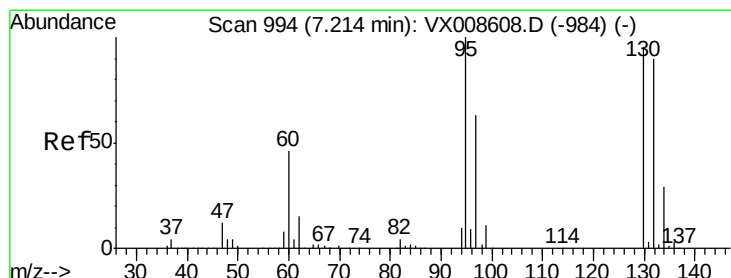
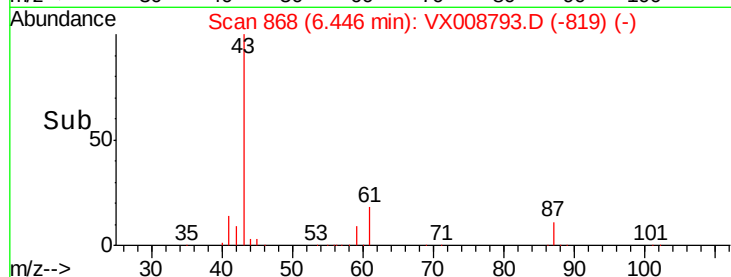
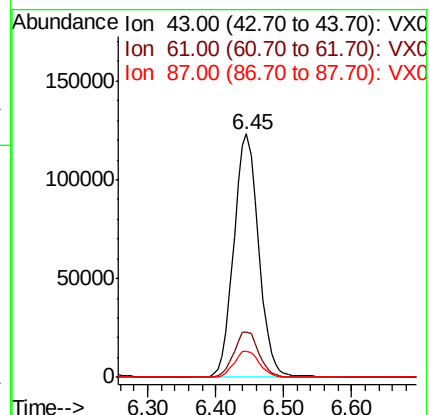
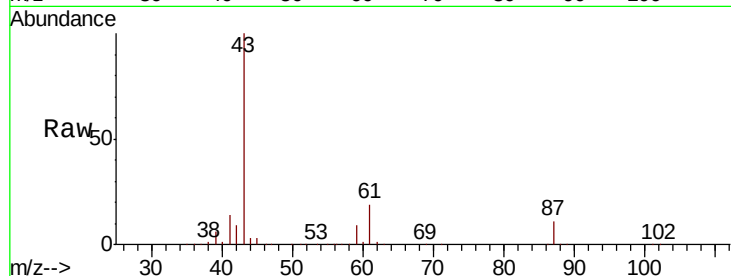
Tot Ion: 43 Resp: 310962

Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

87 11.1 9.0 13.6



#44

Trichloroethene

Concen: 44.797 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008793.D

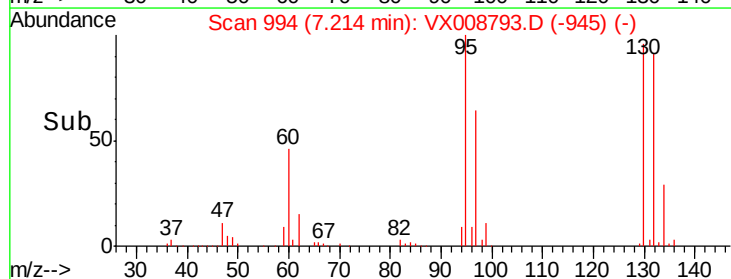
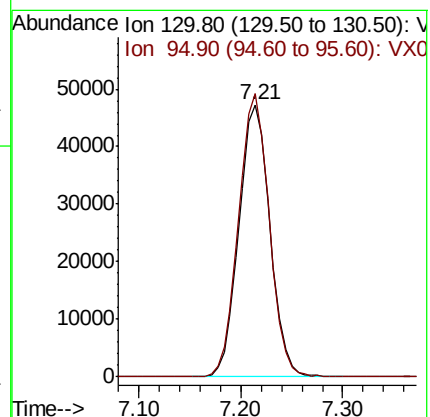
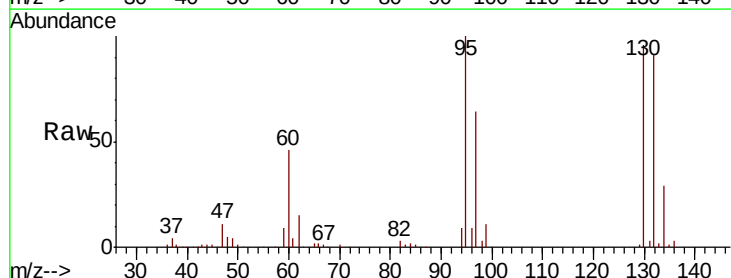
Acq: 09 Apr 2019 23:58

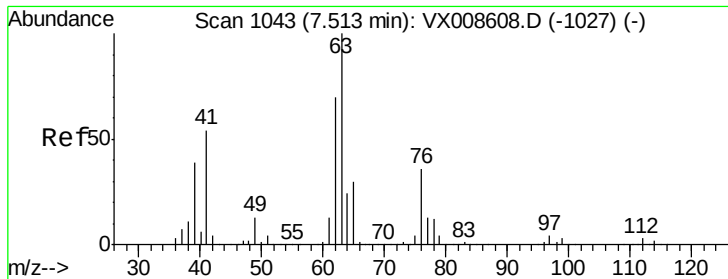
Tgt Ion:130 Resp: 99743

Ion Ratio Lower Upper

130 100

95 103.9 0.0 209.8

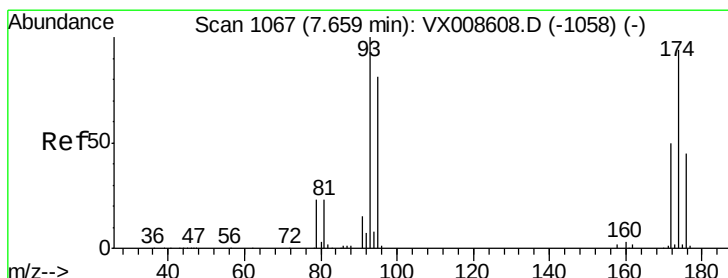
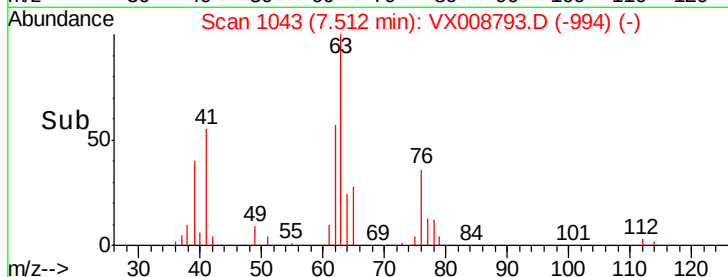
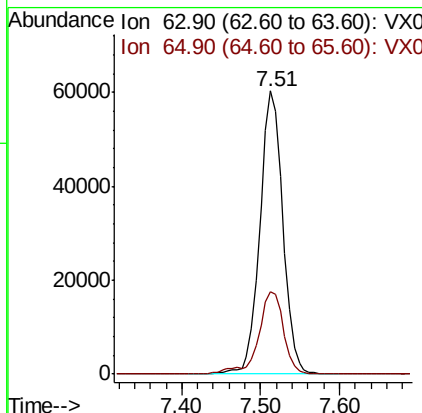
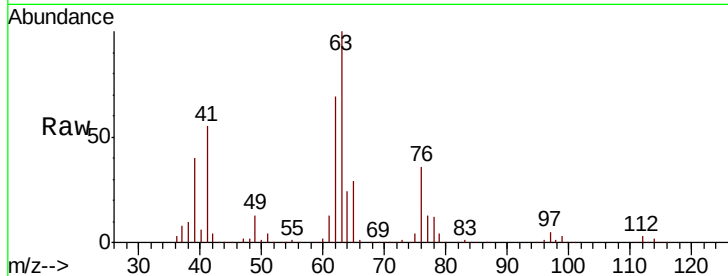




#45
 1,2-Dichloropropane
 Concen: 44.772 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

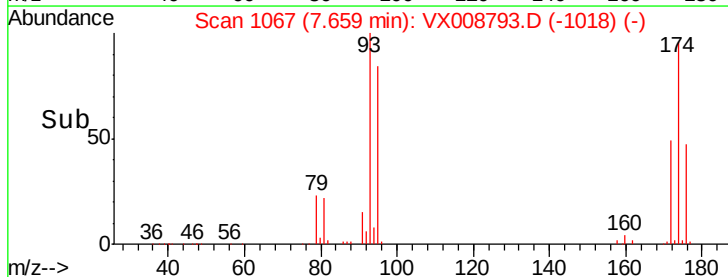
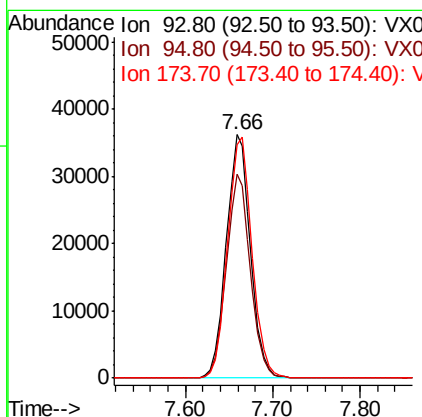
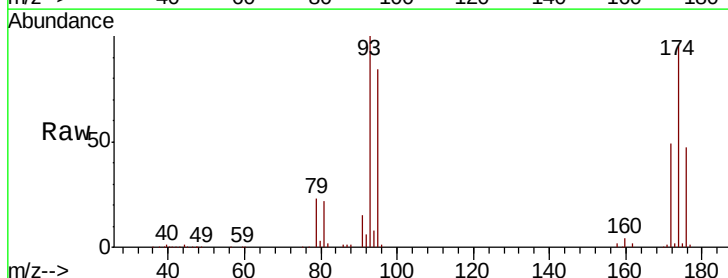
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

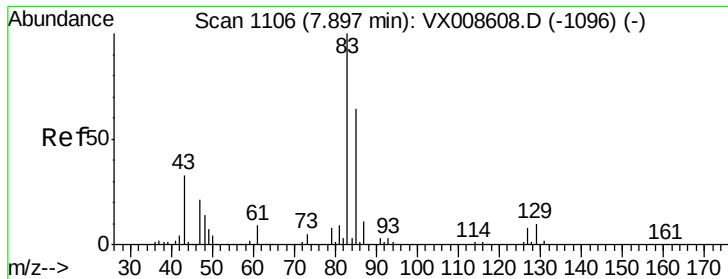
Tot Ion: 63 Resp: 122165
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.4



#46
 Dibromomethane
 Concen: 43.495 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 93 Resp: 68833
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 101.1 77.7 116.5





#47

Bromodichloromethane

Concen: 46.387 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

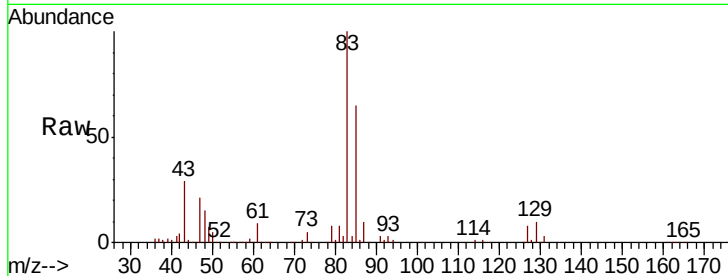
Tot Ion: 83 Resp: 138413

Ion Ratio Lower Upper

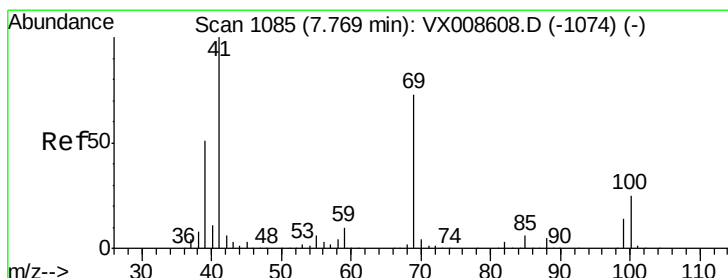
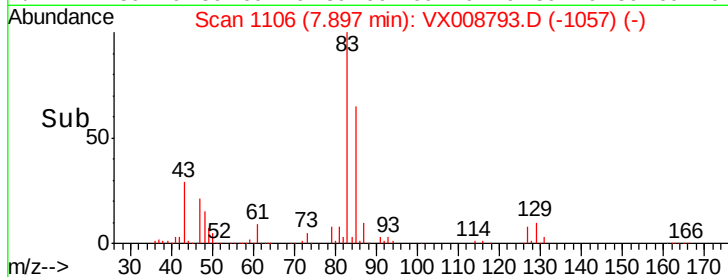
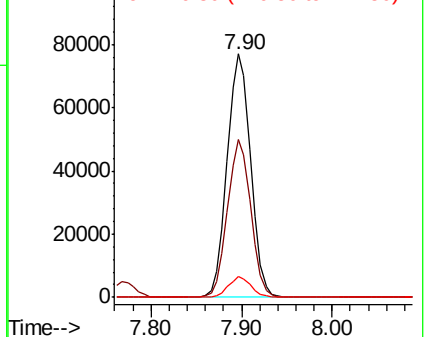
83 100

85 65.0 51.2 76.8

127 8.4 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: 46.293 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

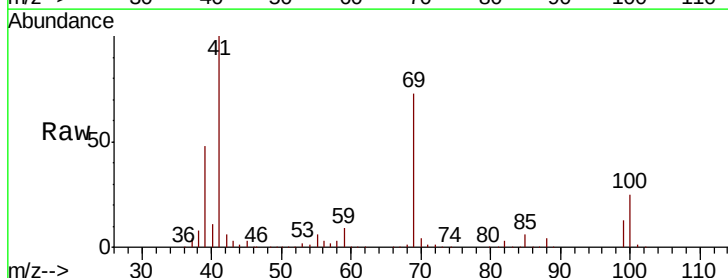
Tgt Ion: 41 Resp: 157124

Ion Ratio Lower Upper

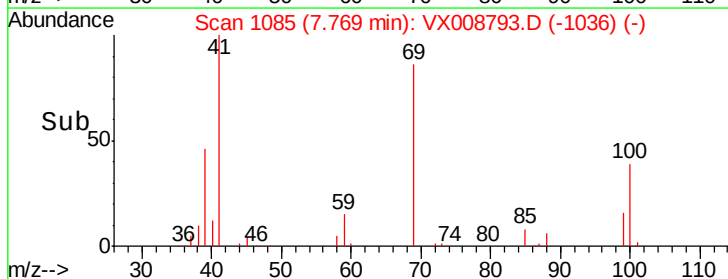
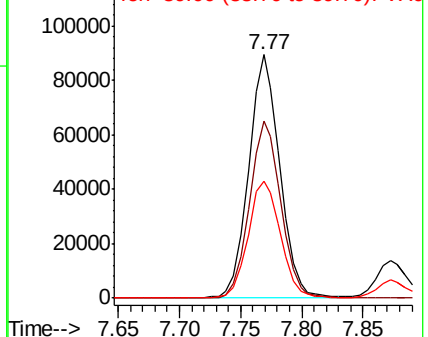
41 100

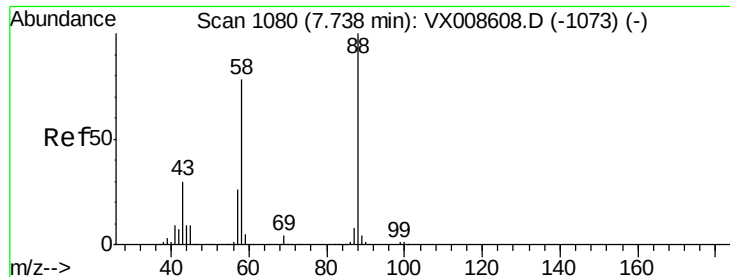
69 74.3 59.0 88.4

39 50.1 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: 818.597 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

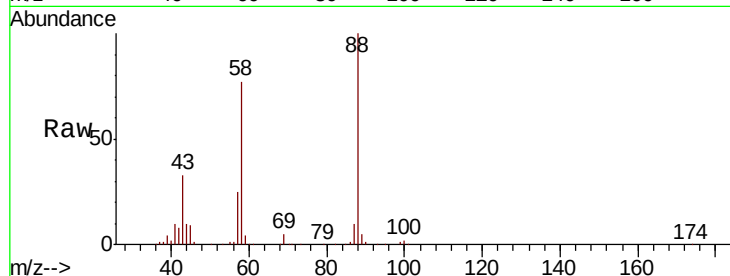
Tot Ion: 88 Resp: 52048

Ion Ratio Lower Upper

88 100

43 36.9 28.6 43.0

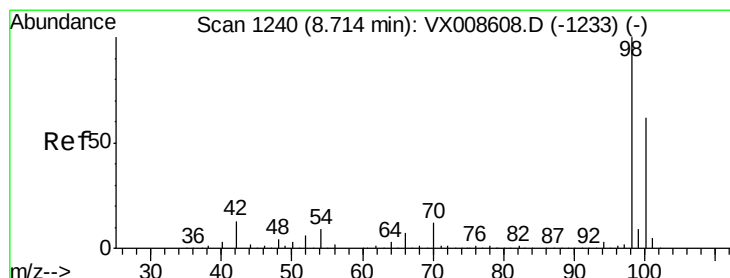
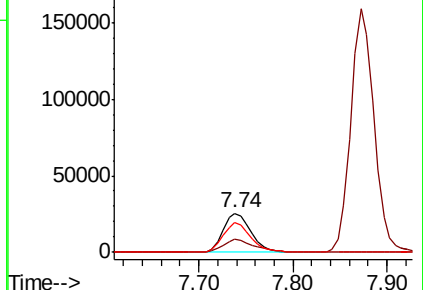
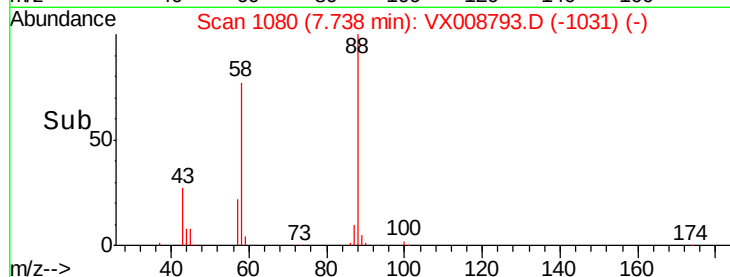
58 78.1 62.2 93.2



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: 49.256 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008793.D

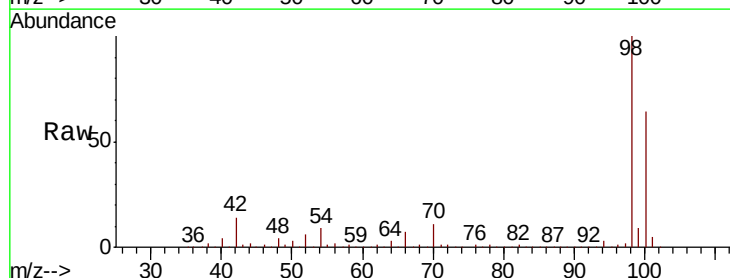
Acq: 09 Apr 2019 23:58

Tgt Ion: 98 Resp: 368113

Ion Ratio Lower Upper

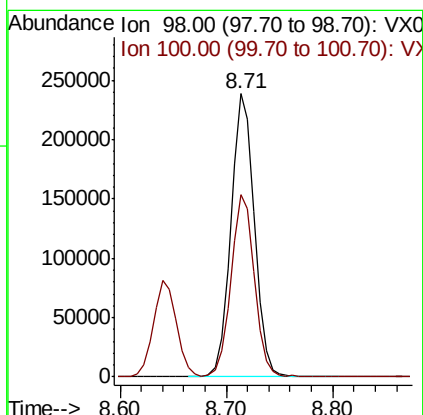
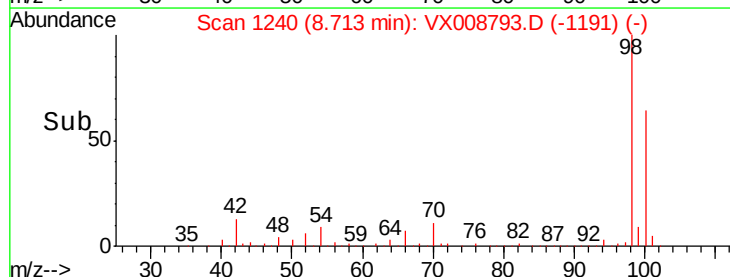
98 100

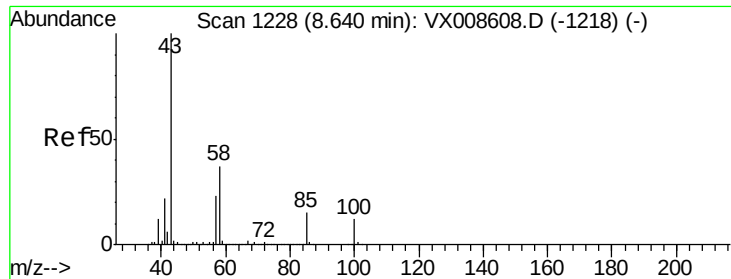
100 64.6 51.4 77.0



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: 231.654 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

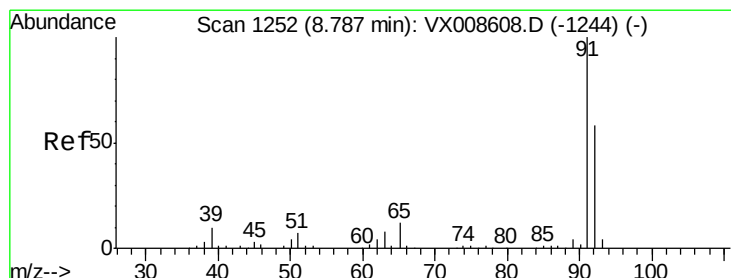
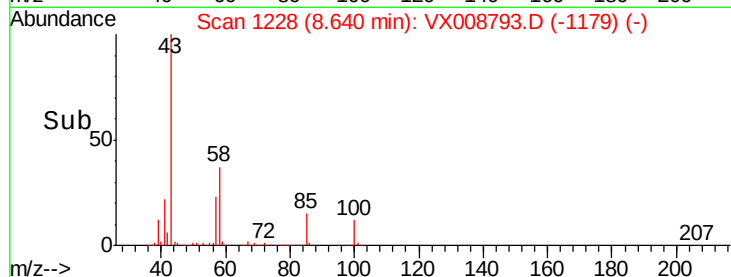
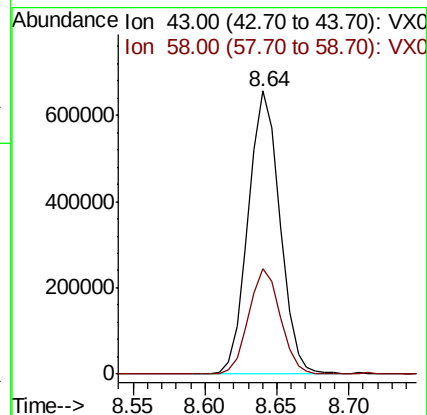
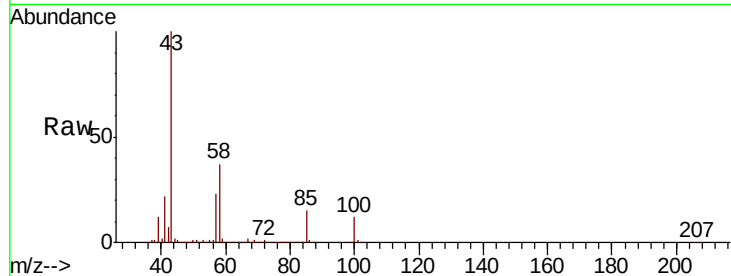
VSTDCCC050EC

Tot Ion: 43 Resp: 1000590

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



#52

Toluene

Concen: 45.223 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008793.D

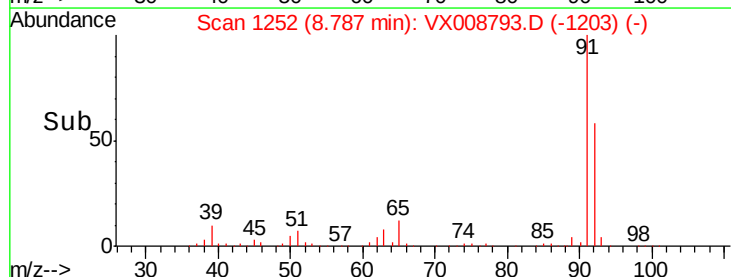
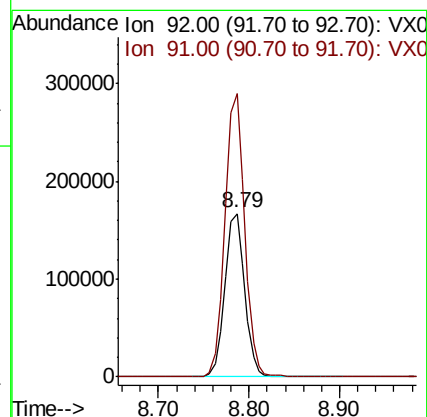
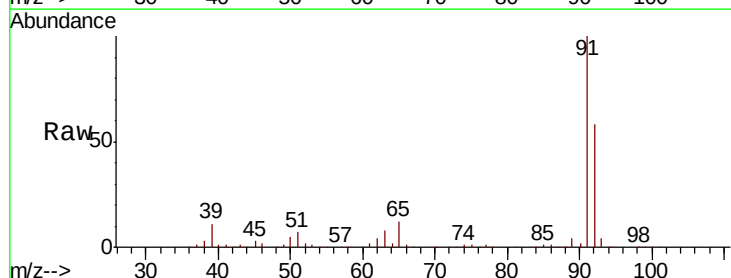
Acq: 09 Apr 2019 23:58

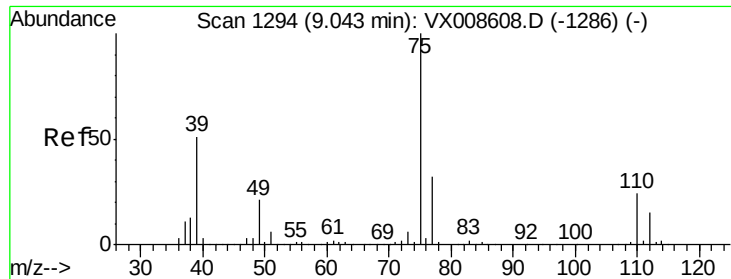
Tgt Ion: 92 Resp: 254877

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 47.130 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

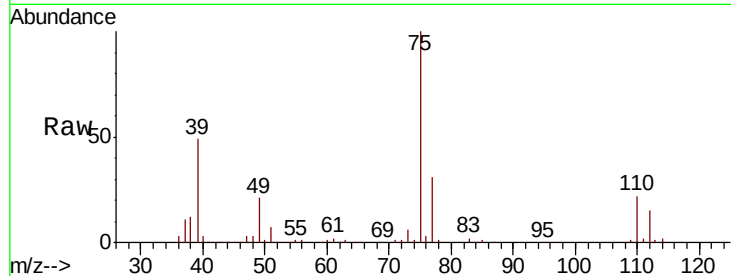
VSTDCCC050EC

Tot Ion: 75 Resp: 157532

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

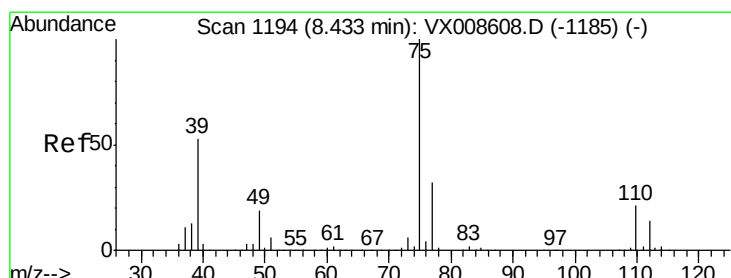
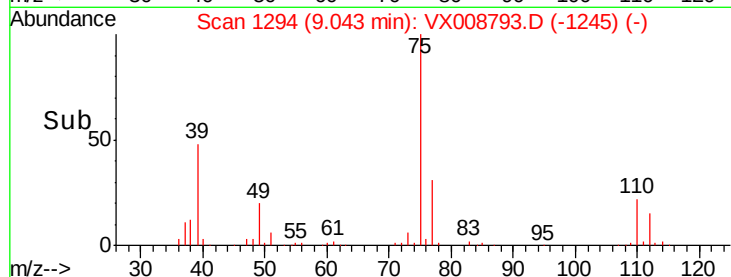
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.531 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

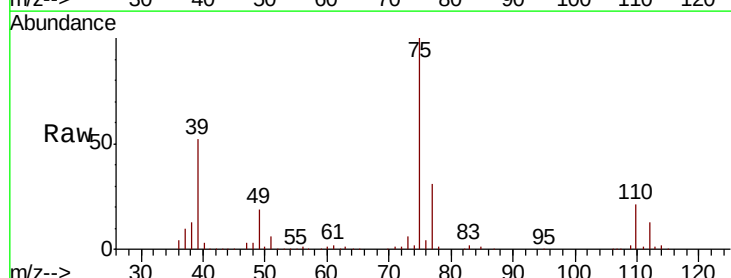
Tgt Ion: 75 Resp: 173894

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 52.2 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

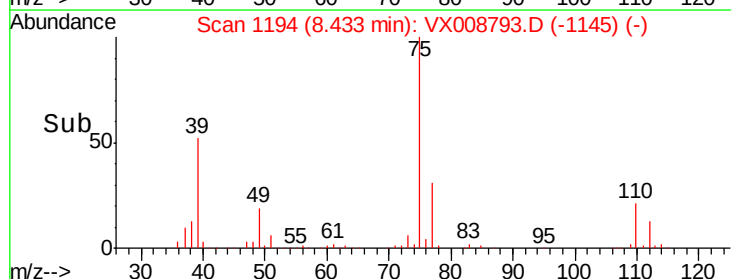
150000

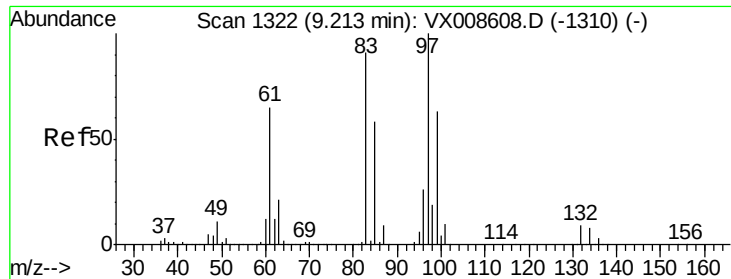
100000

50000

0

Time-->

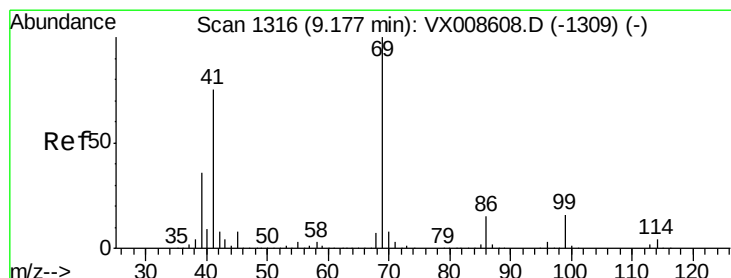
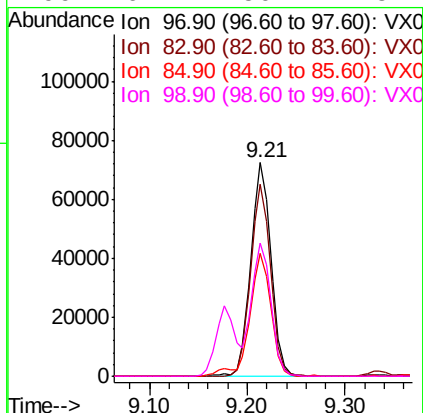
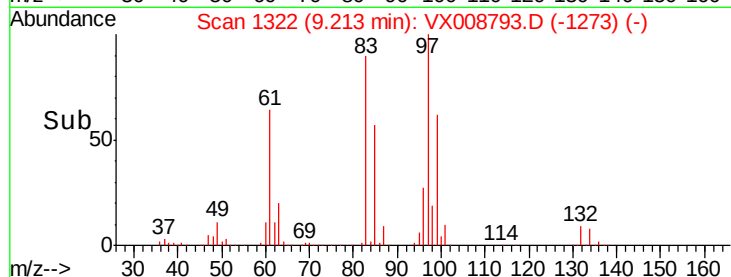
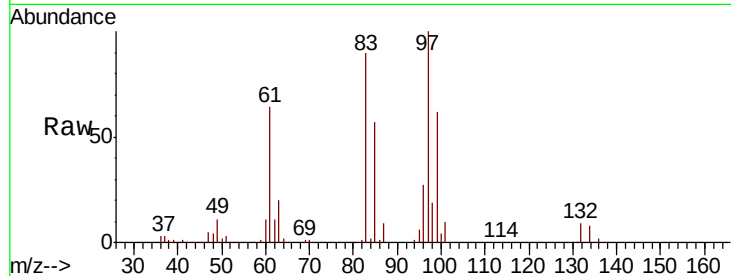




#55
 1,1,2-Trichloroethane
 Concen: 45.948 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

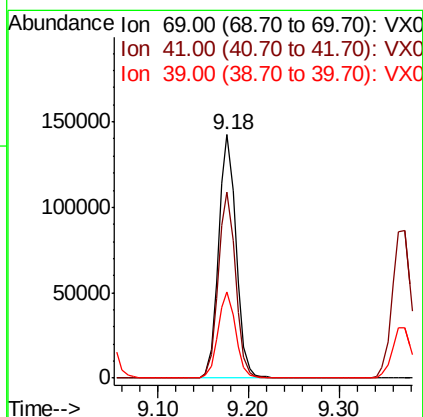
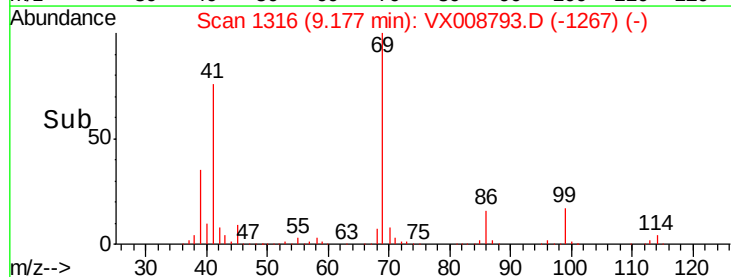
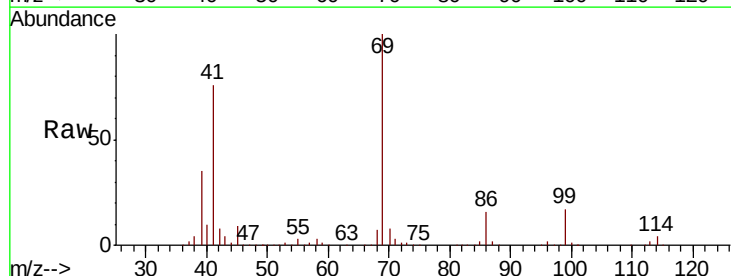
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

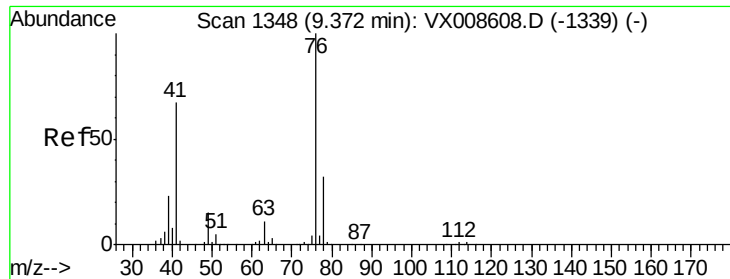
Tot Ion:	97	Resp:	103951
Ion	Ratio	Lower	Upper
97	100		
83	89.9	73.2	109.8
85	57.3	46.6	69.8
99	62.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 47.167 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion:	69	Resp:	193070
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.1	90.1
39	35.5	28.9	43.3





#57

1,3-Dichloropropane

Concen: 45.638 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

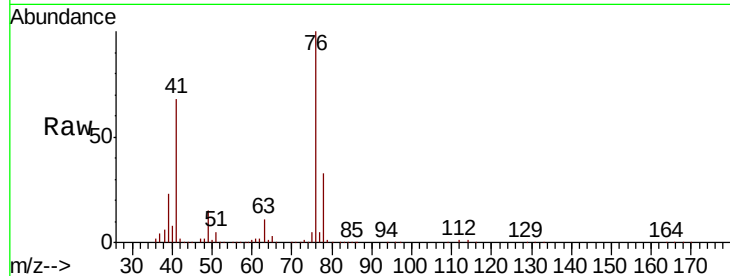
VSTDCCC050EC

Tot Ion: 76 Resp: 185400

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

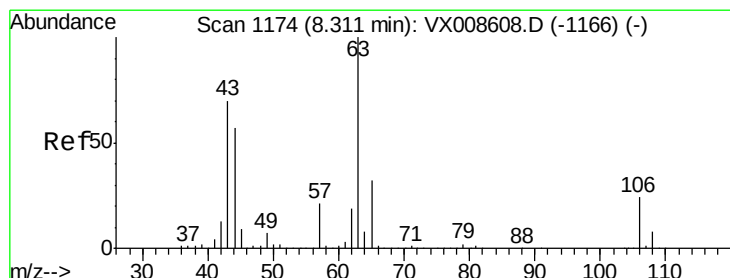
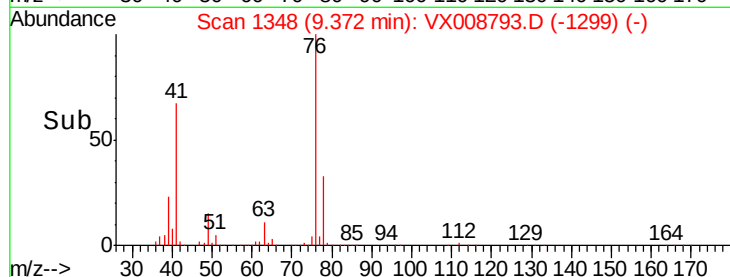
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 247.544 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008793.D

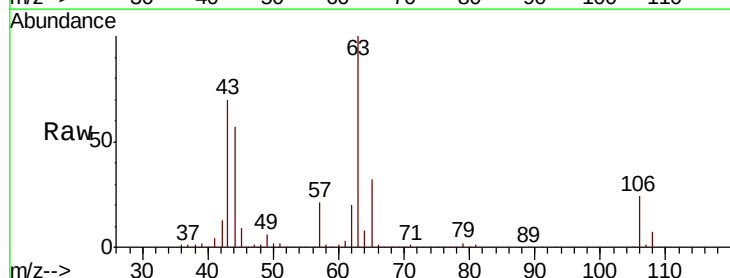
Acq: 09 Apr 2019 23:58

Tgt Ion: 63 Resp: 517397

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

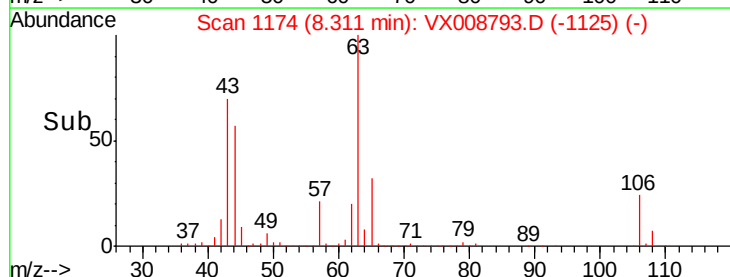
200000

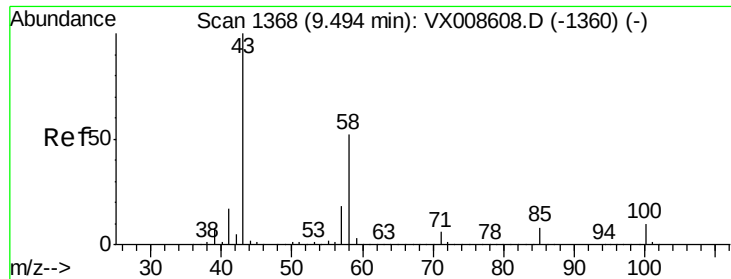
100000

0

Time-->

8.20 8.30 8.40

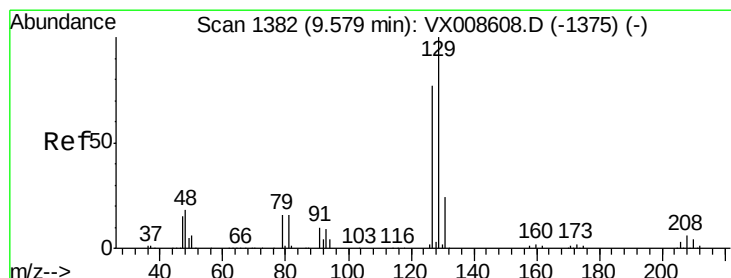
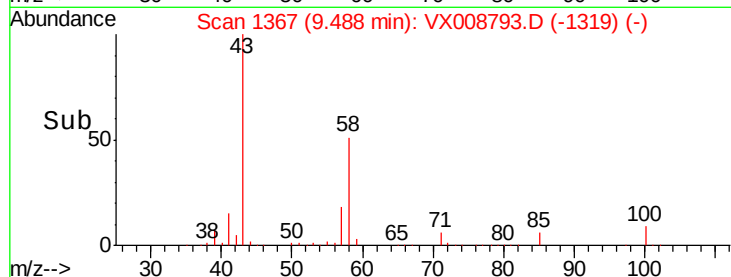
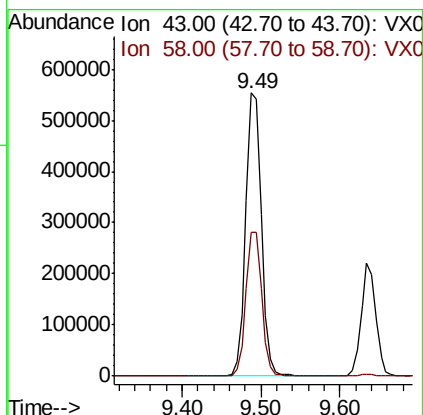
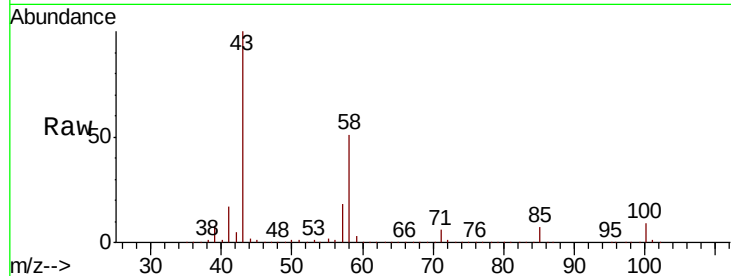




#59
2-Hexanone
Concen: 227.185 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

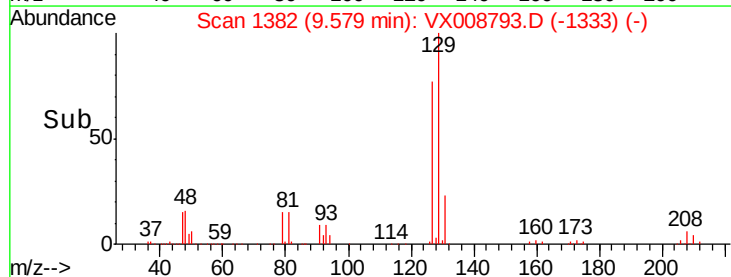
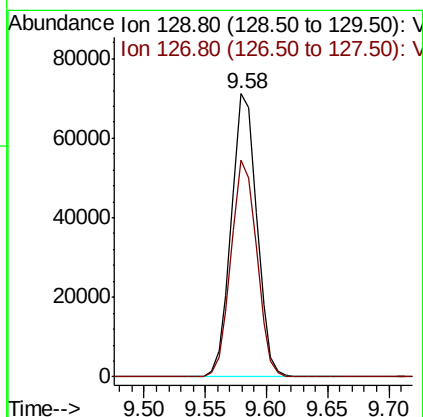
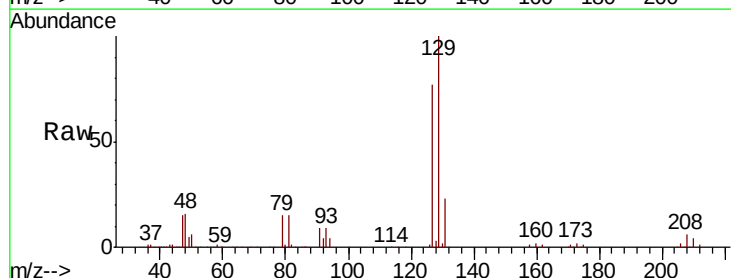
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

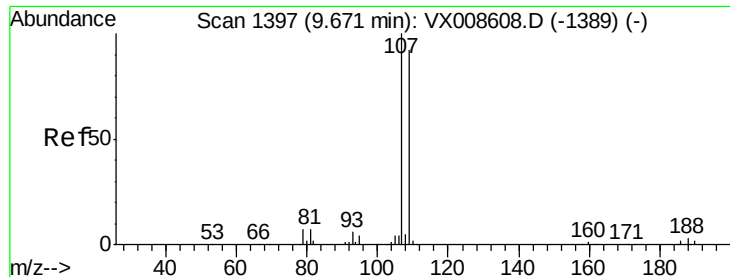
Tot Ion: 43 Resp: 762606
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 48.061 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 129 Resp: 102459
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 45.493 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

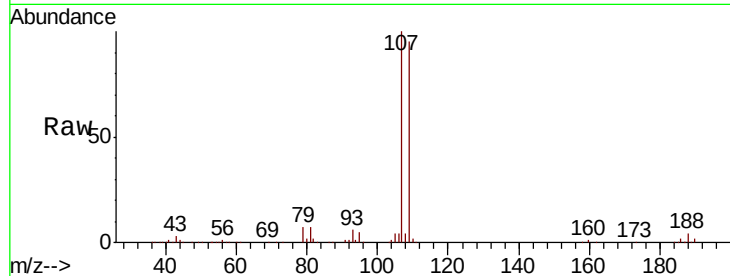
VSTDCCC050EC

Tot Ion: 107 Resp: 107144

Ion Ratio Lower Upper

107 100

109 93.8 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

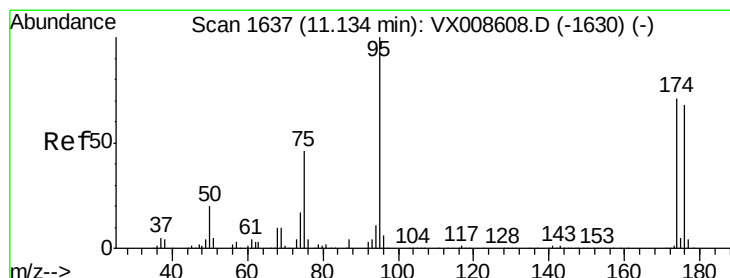
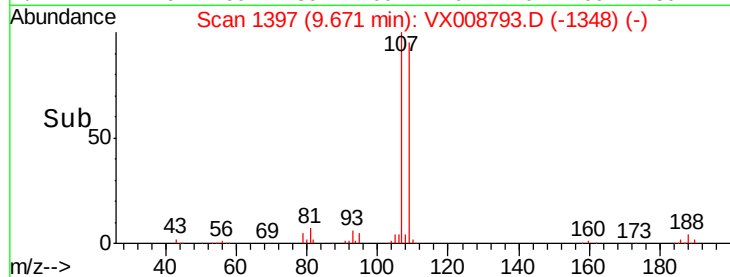
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.690 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

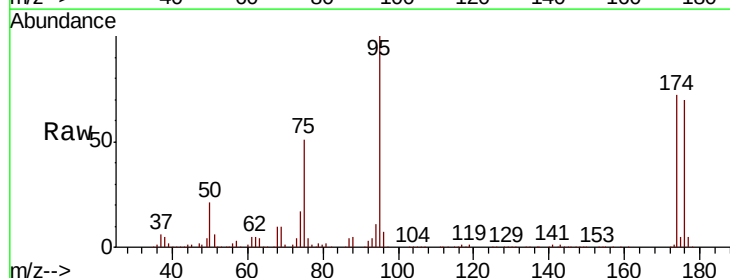
Tgt Ion: 95 Resp: 134340

Ion Ratio Lower Upper

95 100

174 77.9 0.0 151.8

176 76.3 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

150000

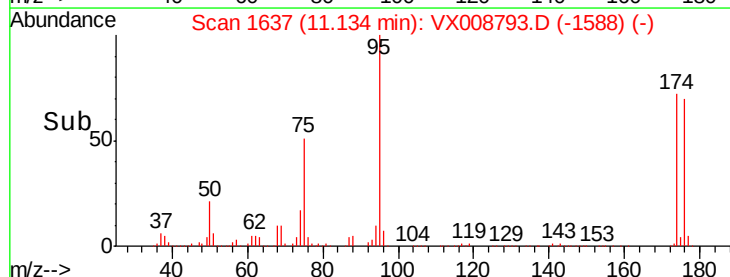
100000

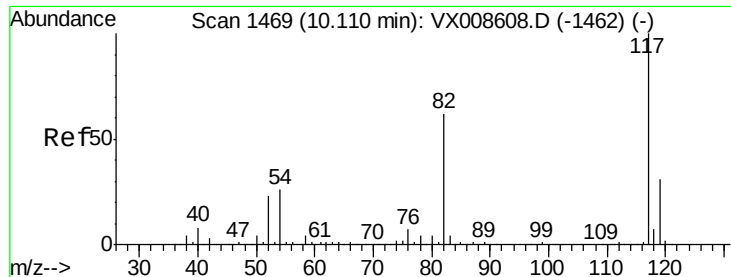
50000

0

Time-->

11.10 11.15 11.20

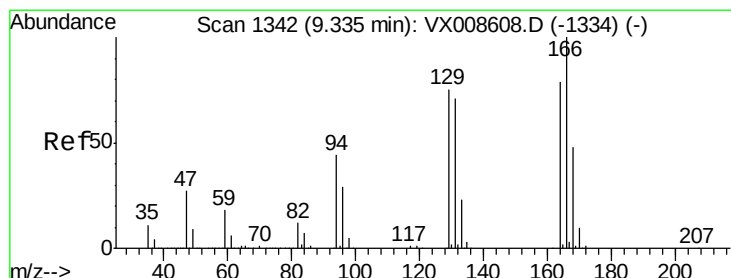
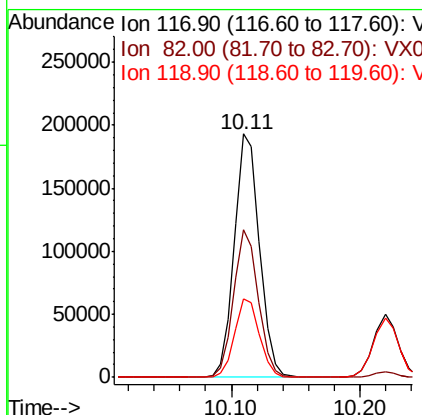
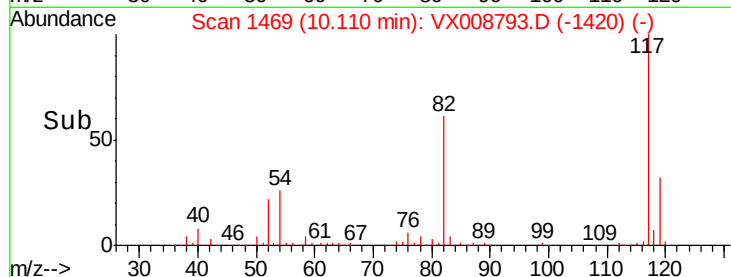
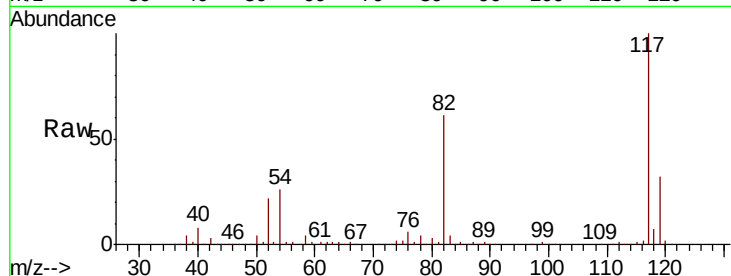




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

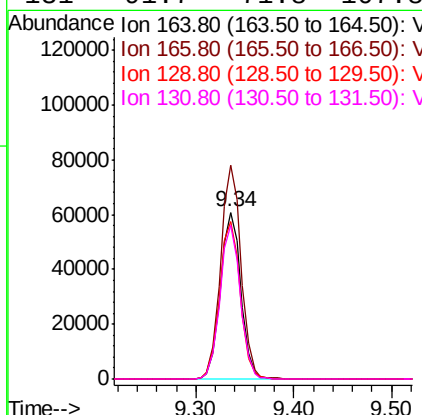
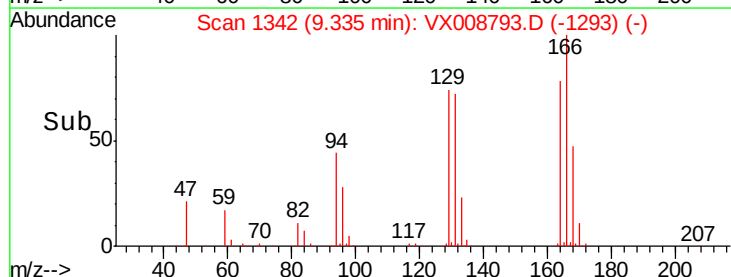
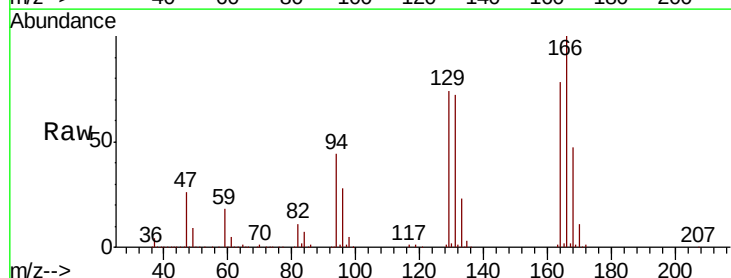
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

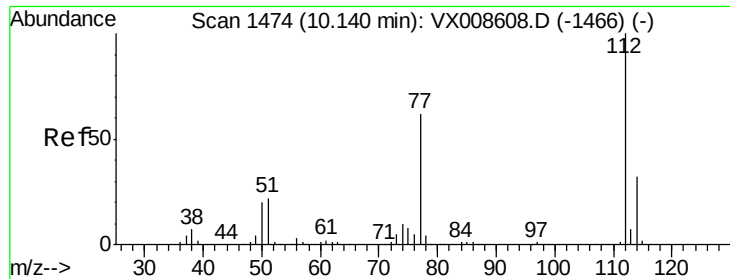
Tot Ion:117 Resp: 262330
Ion Ratio Lower Upper
117 100
82 60.6 49.6 74.4
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 45.257 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:164 Resp: 87962
Ion Ratio Lower Upper
164 100
166 128.0 101.0 151.6
129 94.5 75.8 113.8
131 91.7 71.8 107.8

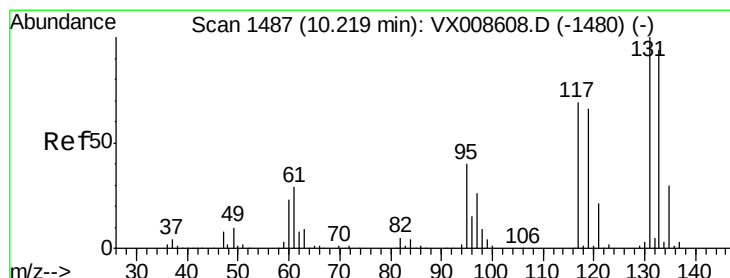
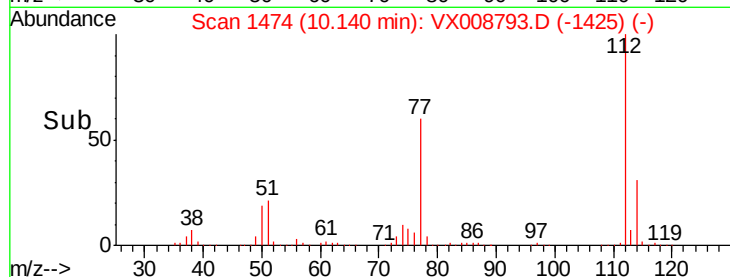
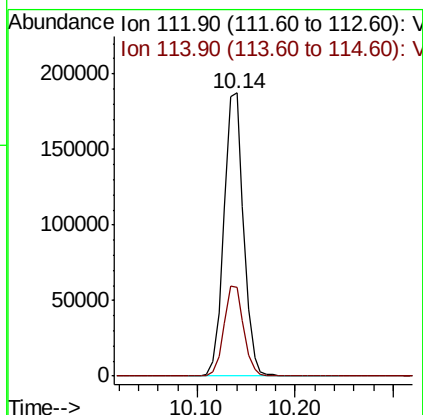
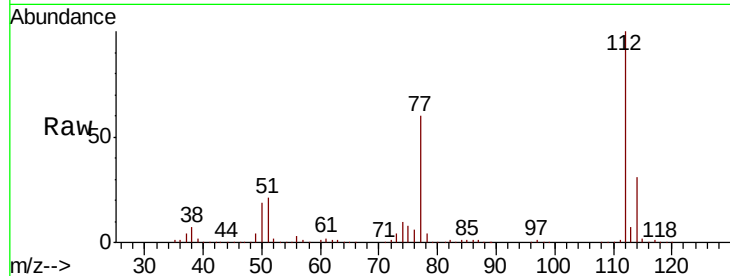




#65
Chlorobenzene
Concen: 44.800 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

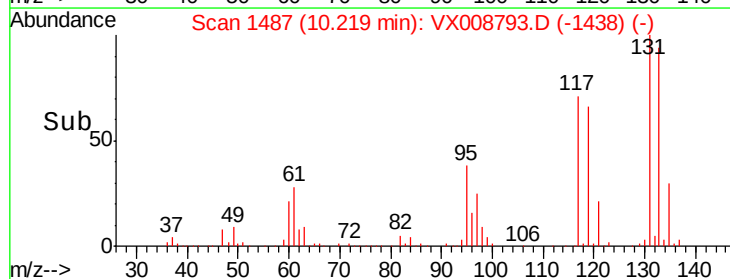
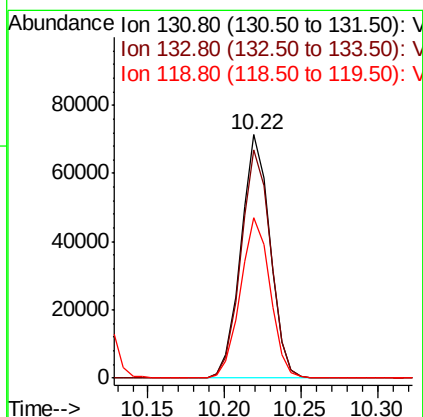
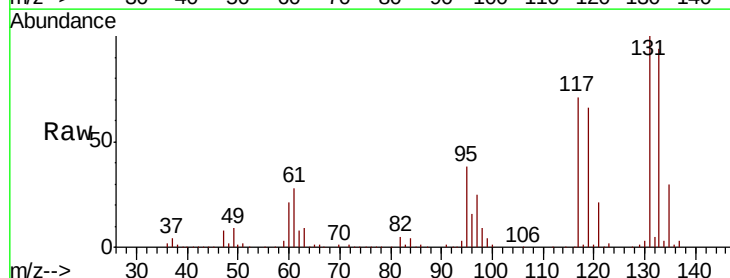
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

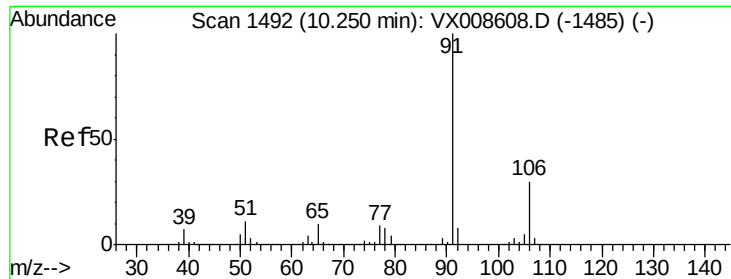
Tot Ion:112 Resp: 260515
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.151 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:131 Resp: 94150
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 67.3 33.7 101.0

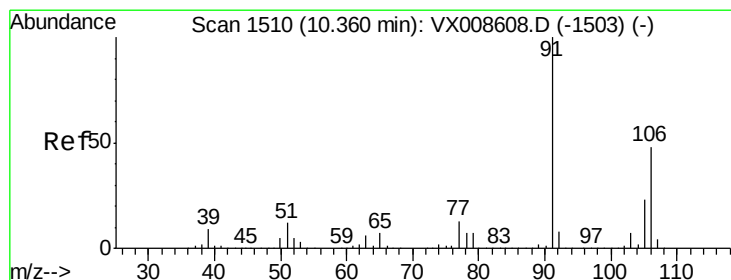
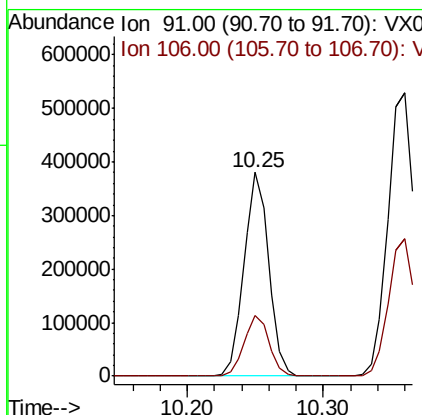
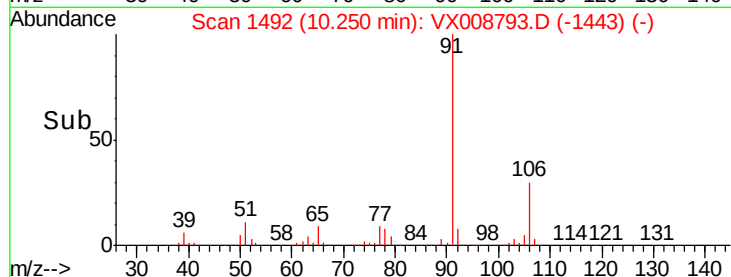
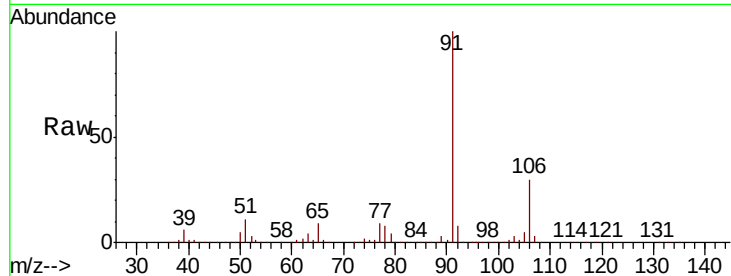




#67
Ethyl Benzene
Concen: 44.561 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

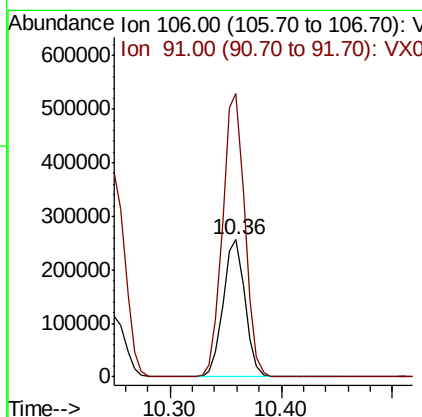
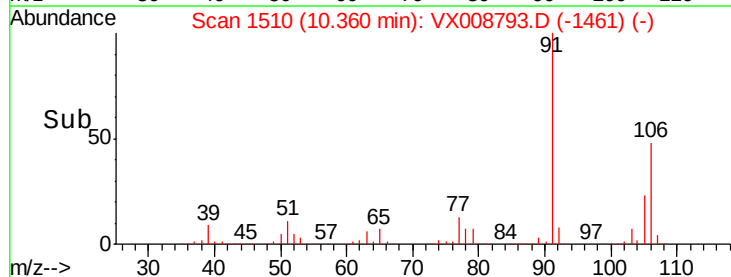
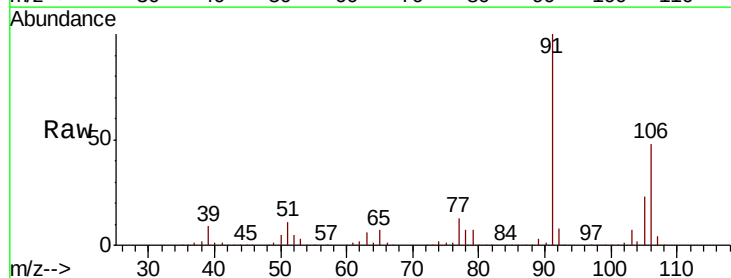
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

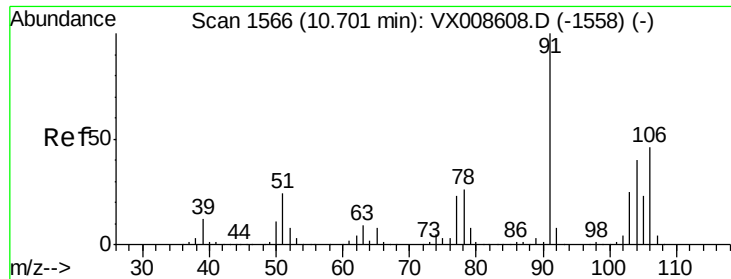
Tot Ion: 91 Resp: 483184
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



#68
m/p-Xylenes
Concen: 89.240 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 106 Resp: 347920
Ion Ratio Lower Upper
106 100
91 209.9 168.5 252.7

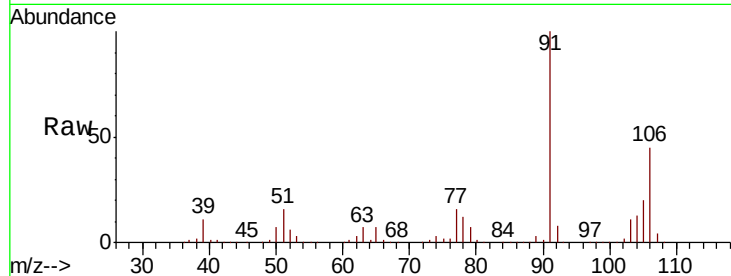




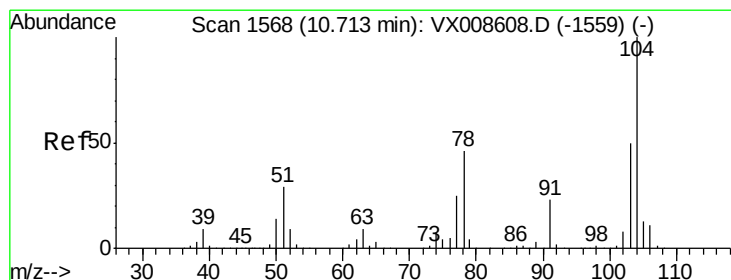
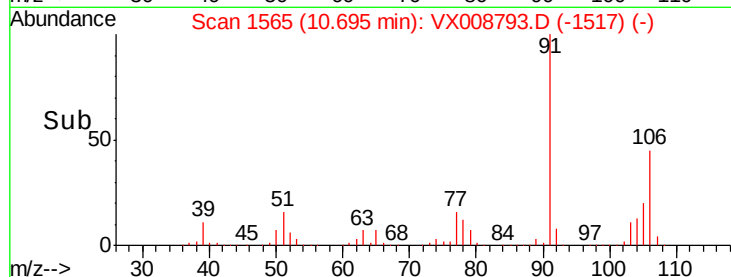
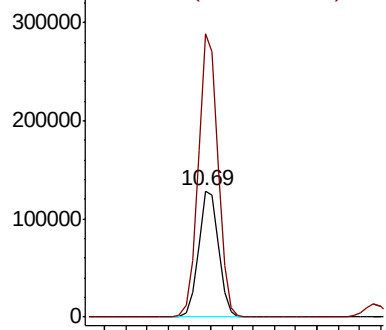
#69
o-Xylene
Concen: 44.825 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 169361
Ion Ratio Lower Upper
106 100
91 220.3 111.5 334.4

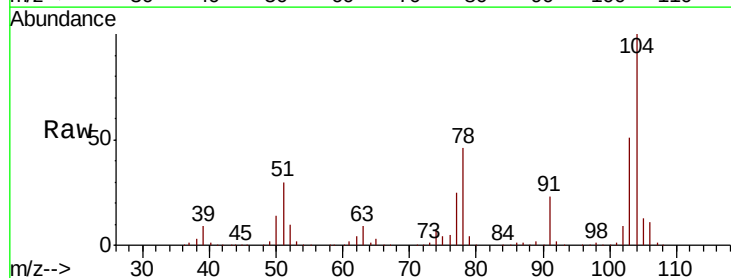


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

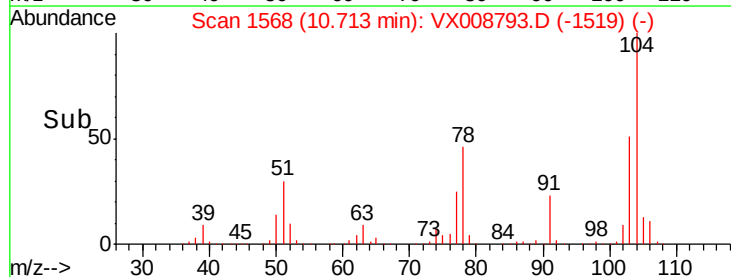
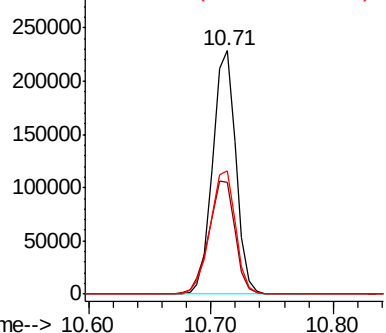


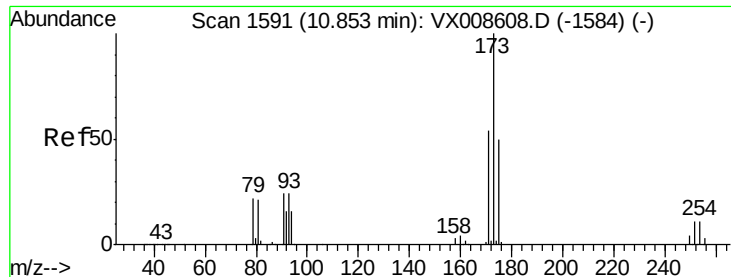
#70
Styrene
Concen: 45.973 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:104 Resp: 299414
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.5 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: 48.132 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

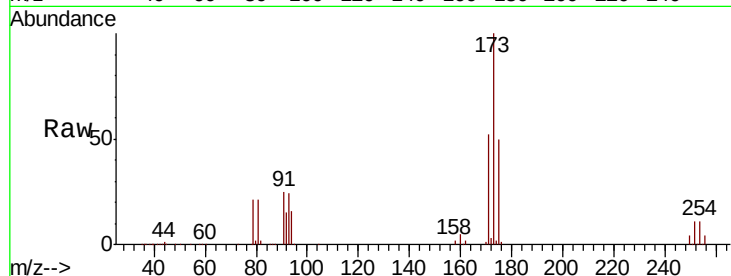
Tot Ion:173 Resp: 74992

Ion Ratio Lower Upper

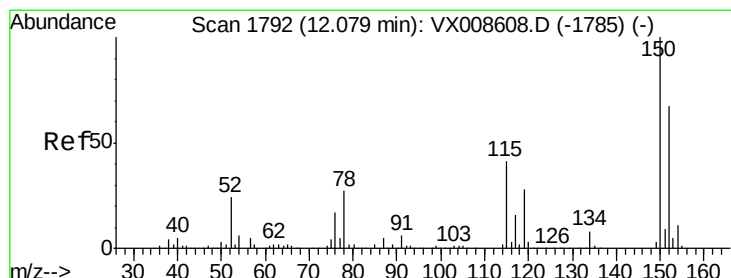
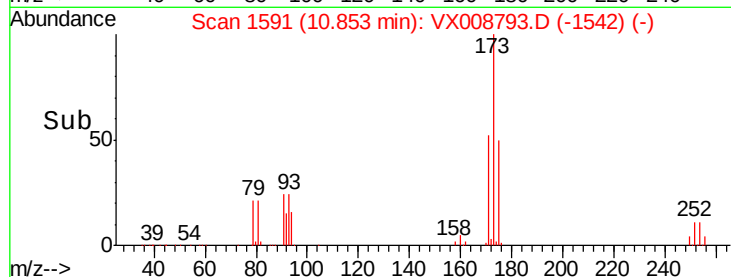
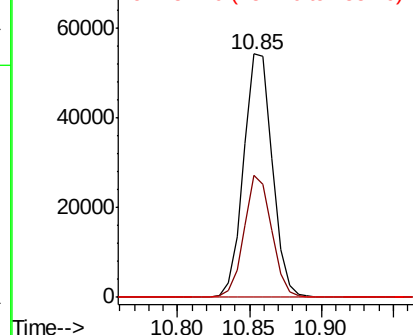
173 100

175 48.3 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: VX008793.D

Acq: 09 Apr 2019 23:58

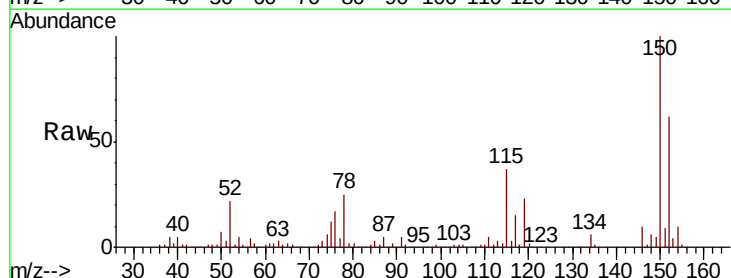
Tgt Ion:152 Resp: 123813

Ion Ratio Lower Upper

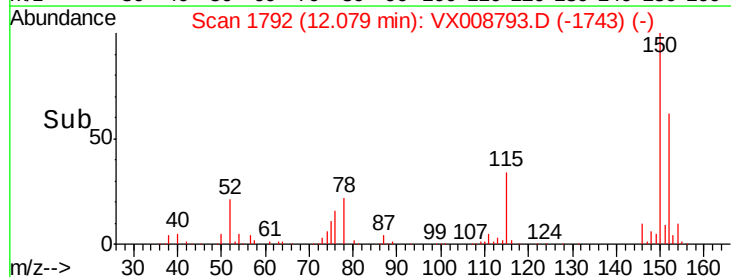
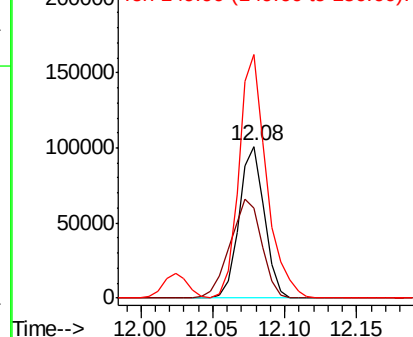
152 100

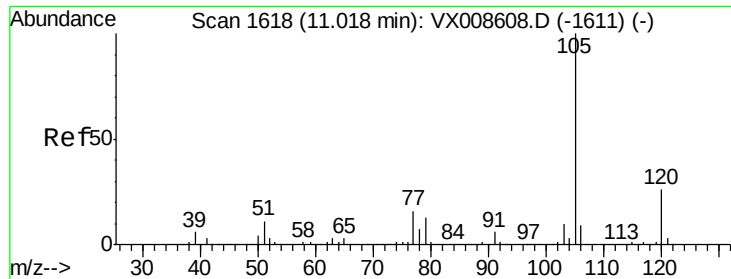
115 82.1 43.5 130.5

150 174.2 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: 43.994 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

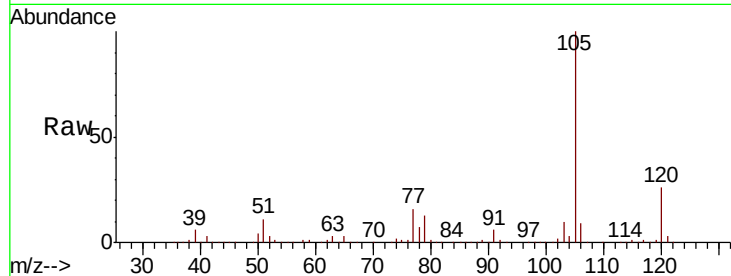
VSTDCCC050EC

Tot Ion:105 Resp: 451410

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

300000

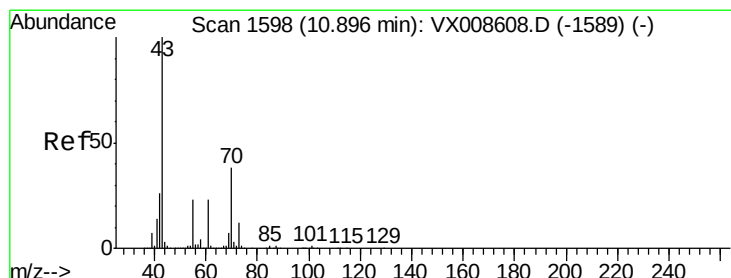
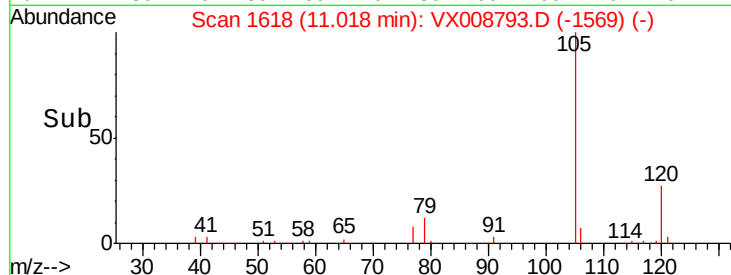
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 45.086 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion: 43 Resp: 272174

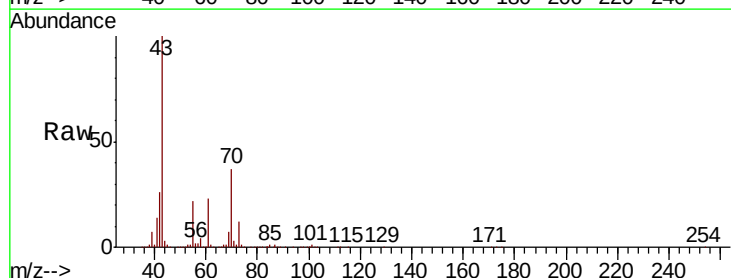
Ion Ratio Lower Upper

43 100

70 37.3 30.2 45.4

55 22.5 18.2 27.4

61 22.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

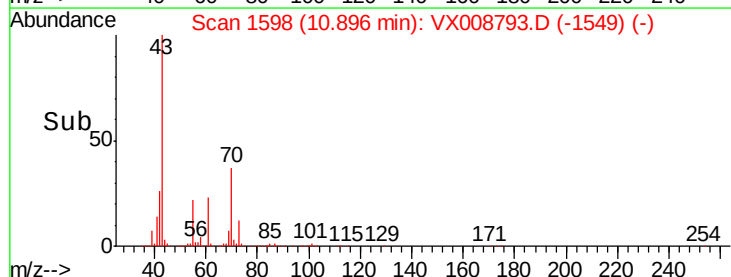
200000

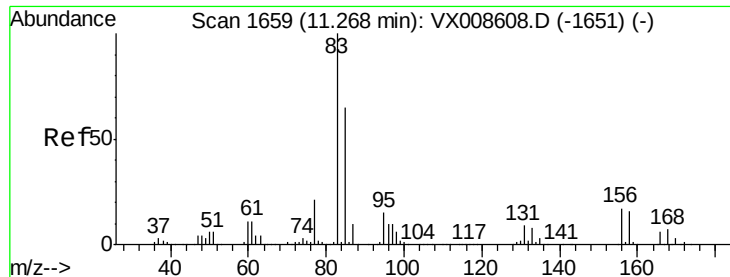
100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 43.158 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

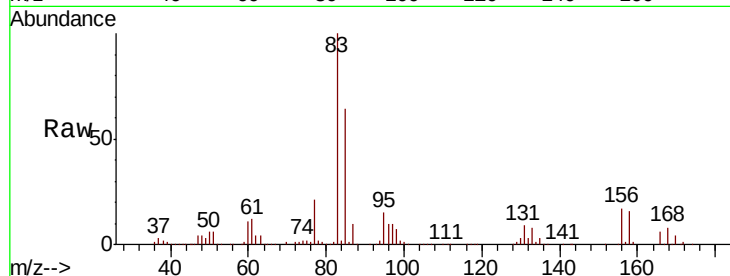
Tot Ion: 83 Resp: 168415

Ion Ratio Lower Upper

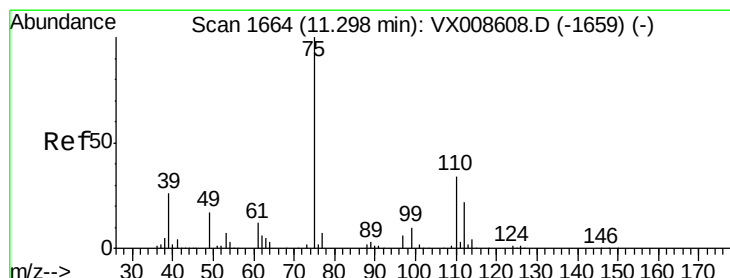
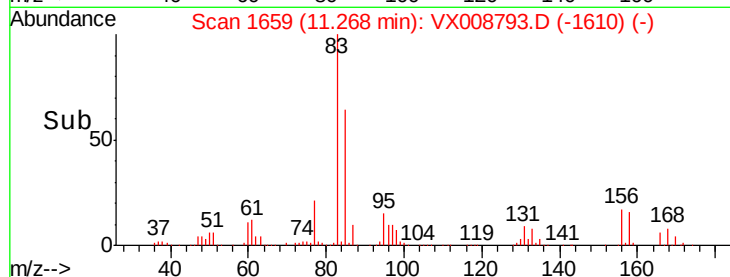
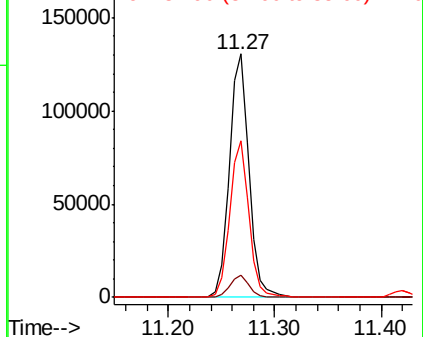
83 100

131 9.1 4.5 13.7

85 63.2 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: 57.074 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008793.D

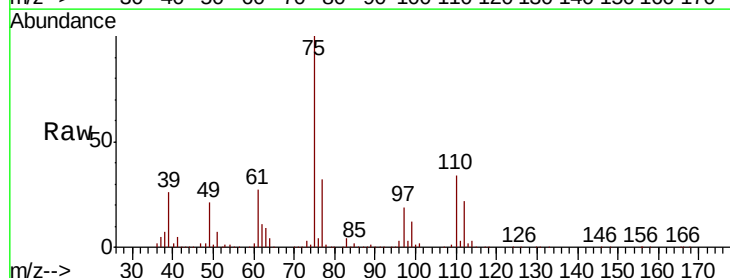
Acq: 09 Apr 2019 23:58

Tgt Ion: 75 Resp: 194124

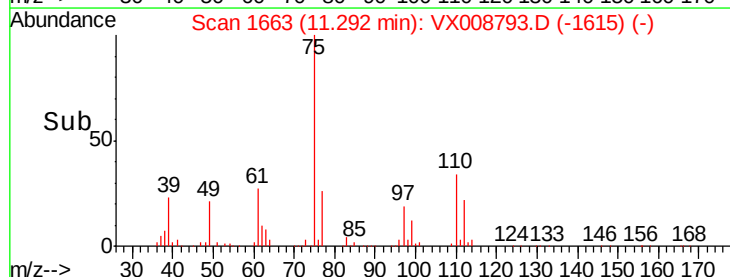
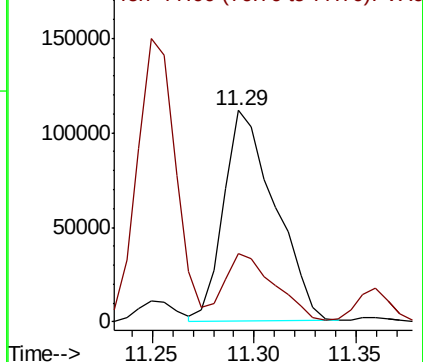
Ion Ratio Lower Upper

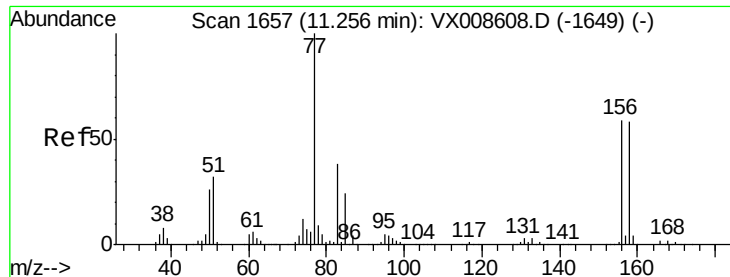
75 100

77 32.2 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: 44.510 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

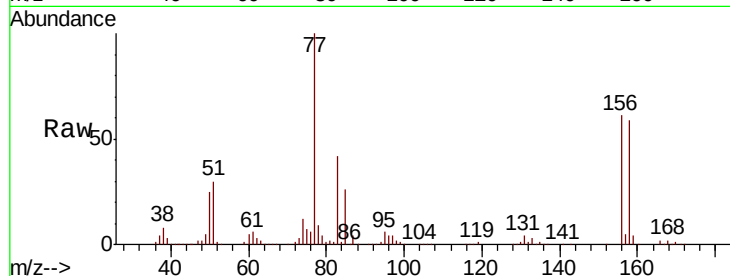
Tot Ion:156 Resp: 109792

Ion Ratio Lower Upper

156 100

77 177.7 89.8 269.6

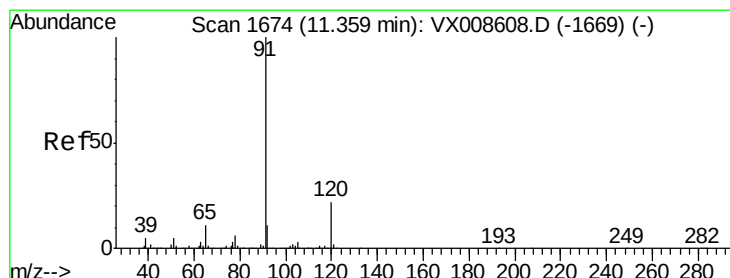
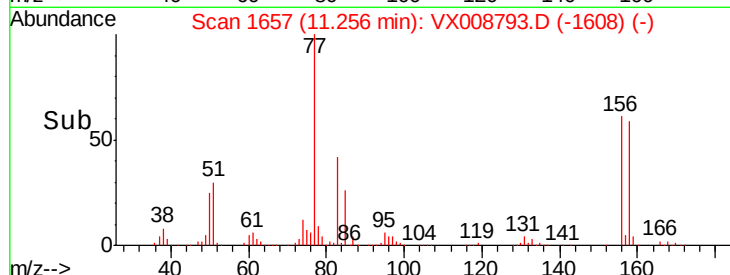
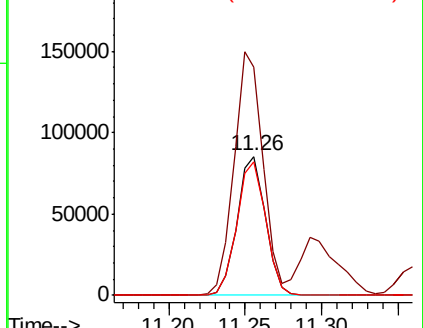
158 97.8 48.6 145.9



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: 44.059 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008793.D

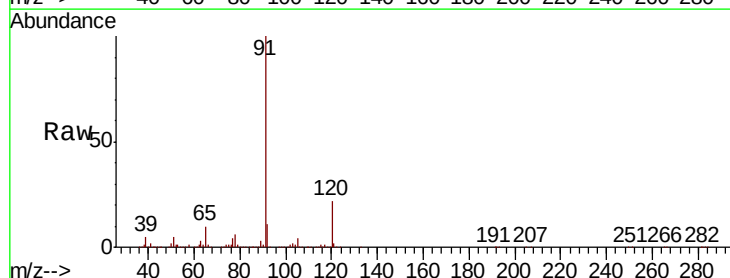
Acq: 09 Apr 2019 23:58

Tgt Ion: 91 Resp: 526387

Ion Ratio Lower Upper

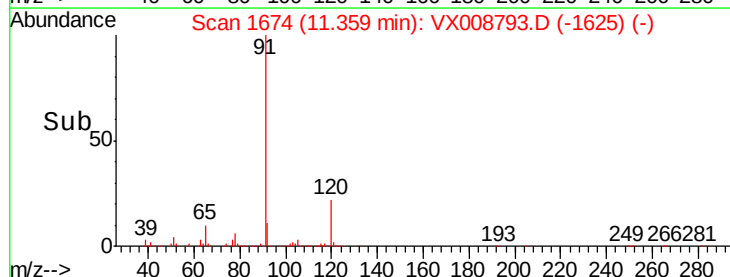
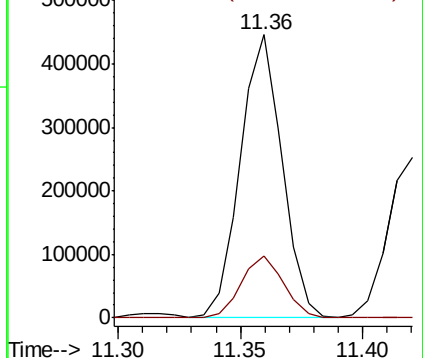
91 100

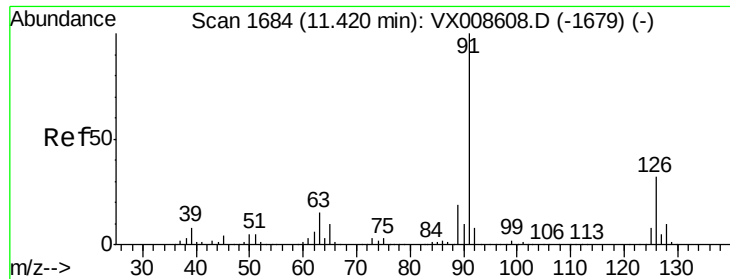
120 22.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

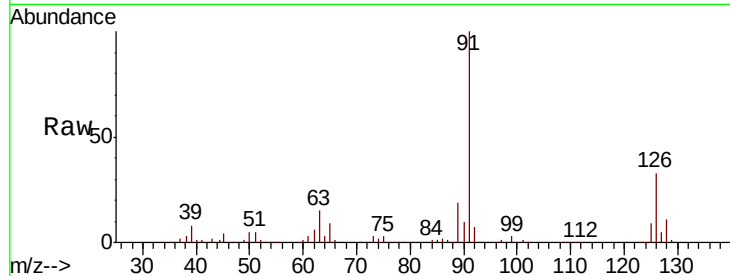




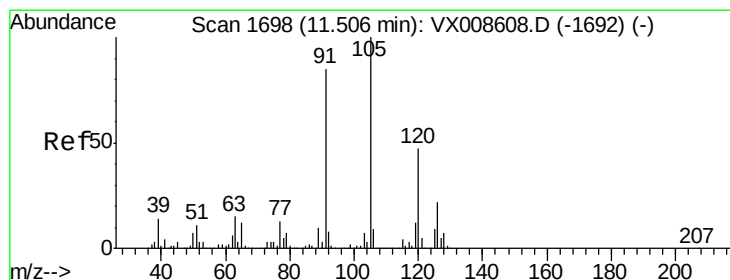
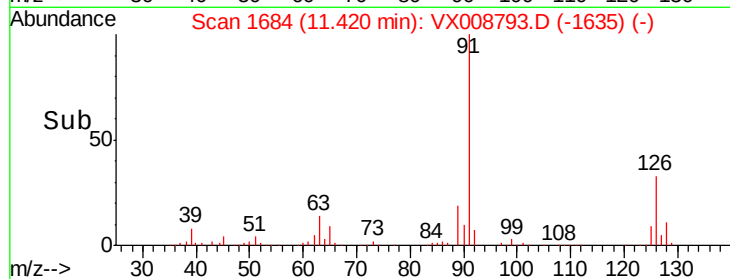
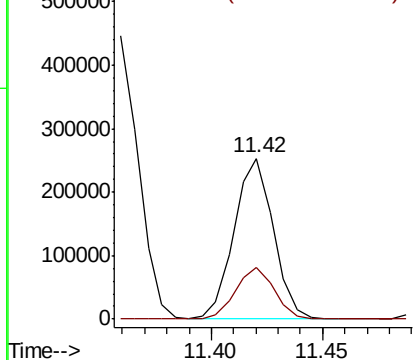
#79
 2-Chlorotoluene
 Concen: 42.826 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 309633
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3

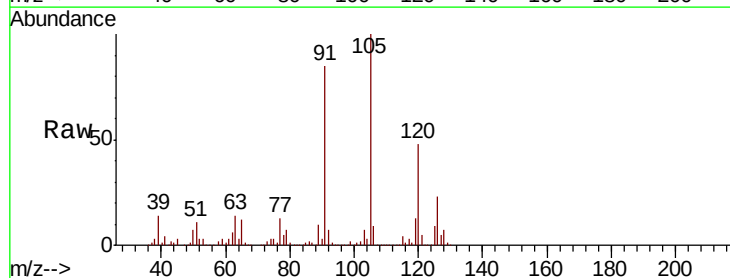


Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

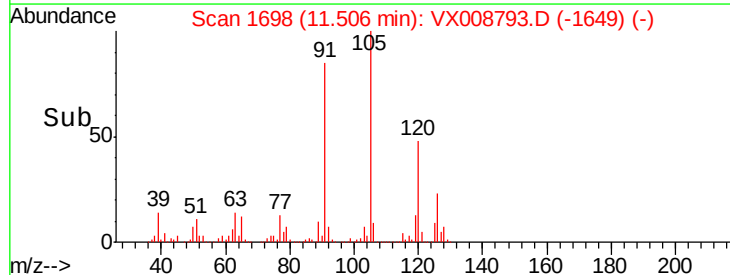
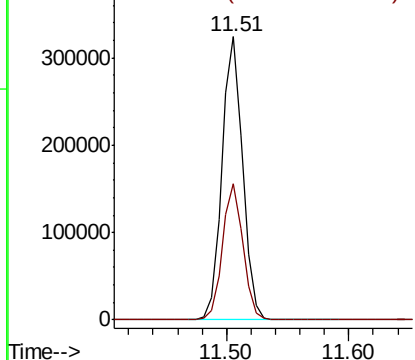


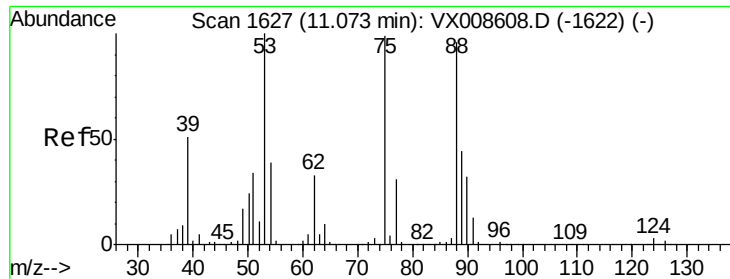
#80
 1,3,5-Trimethylbenzene
 Concen: 43.995 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 105 Resp: 378934
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.088 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

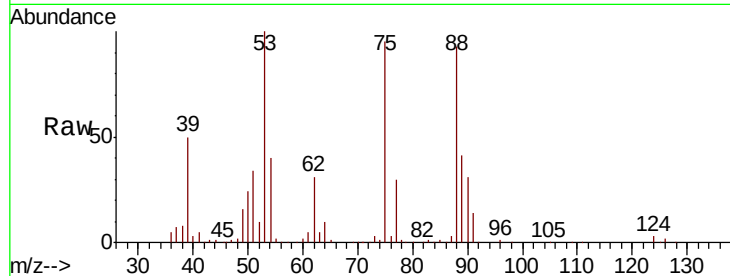
Tot Ion: 75 Resp: 54400

Ion Ratio Lower Upper

75 100

53 103.5 81.3 121.9

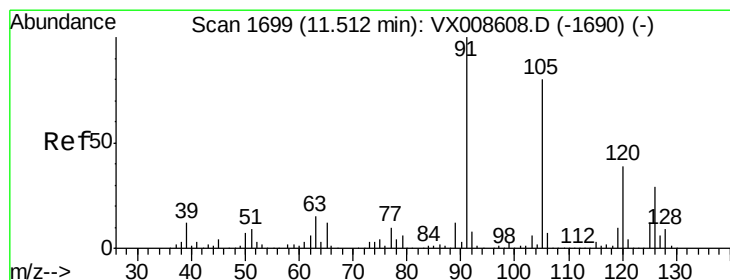
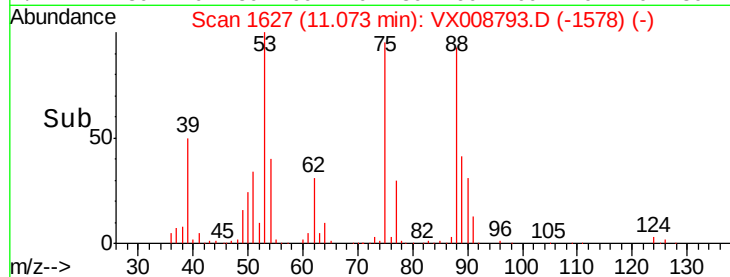
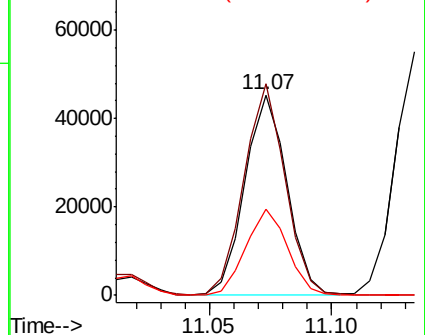
89 42.9 35.6 53.4



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: 43.166 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008793.D

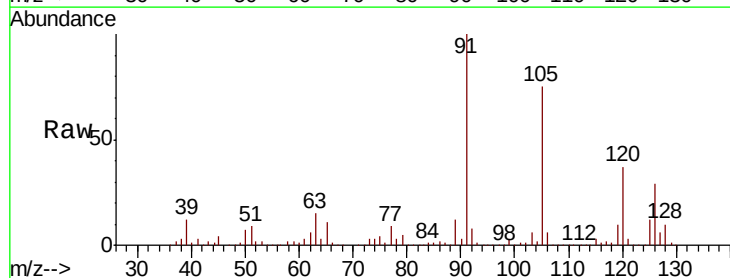
Acq: 09 Apr 2019 23:58

Tgt Ion: 91 Resp: 361254

Ion Ratio Lower Upper

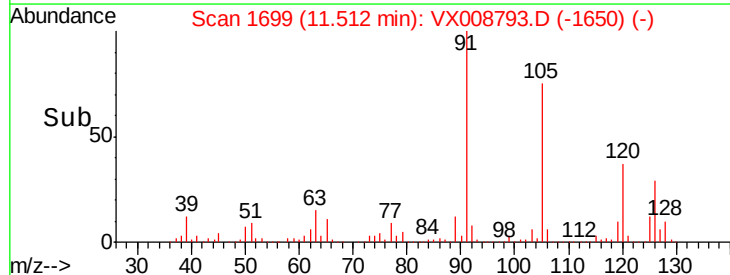
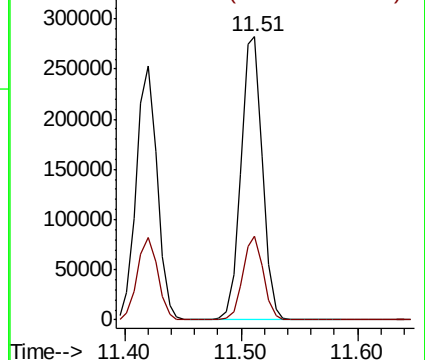
91 100

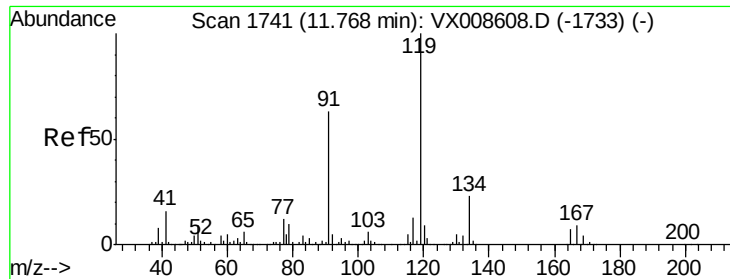
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

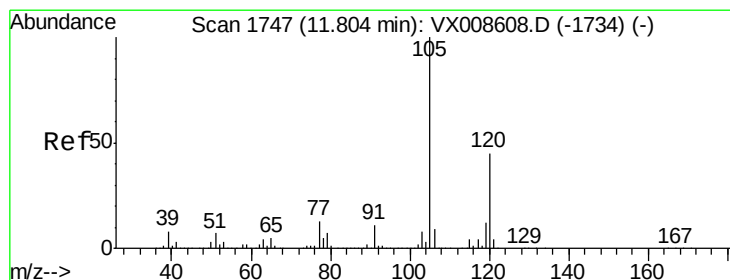
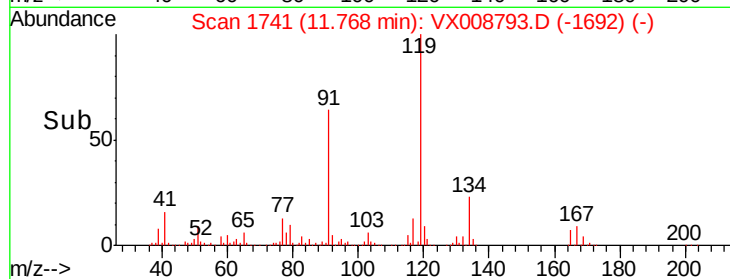
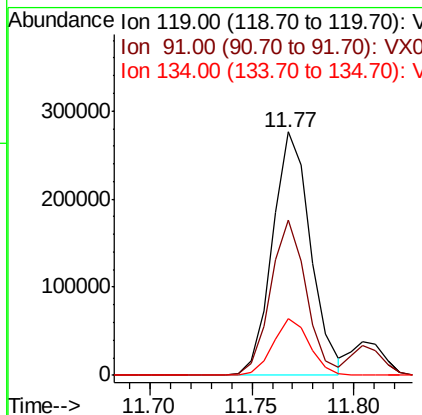
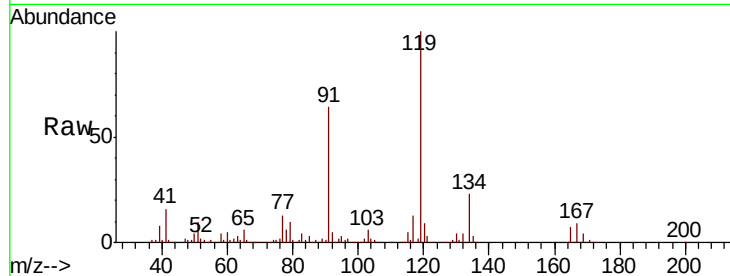




#83
tert-Butylbenzene
Concen: 43.439 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

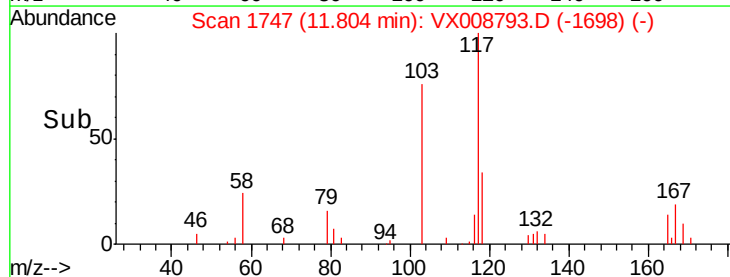
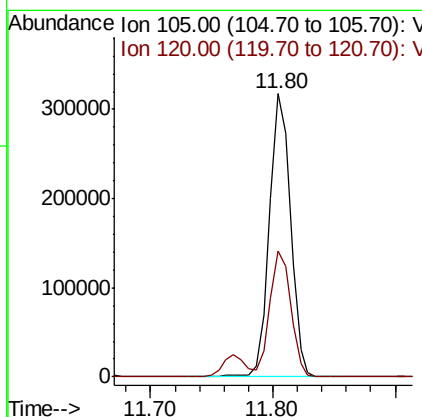
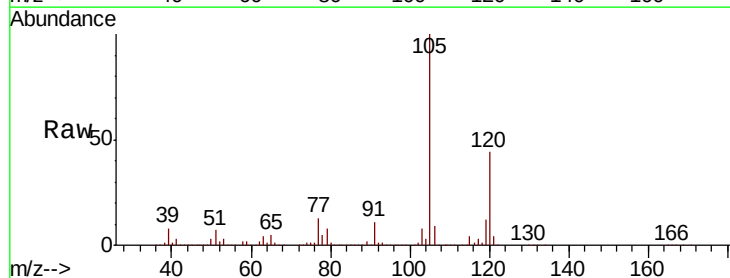
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

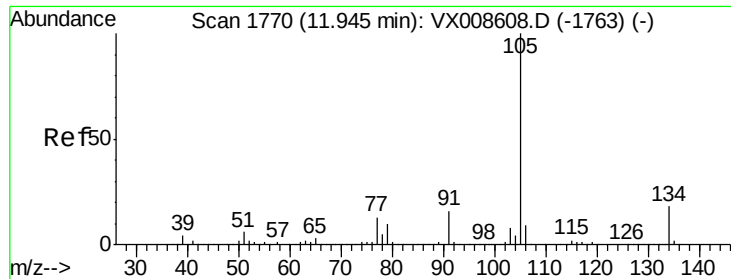
Tot Ion:119 Resp: 359949
Ion Ratio Lower Upper
119 100
91 60.0 30.0 90.1
134 22.3 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 43.753 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:105 Resp: 381585
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 44.197 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

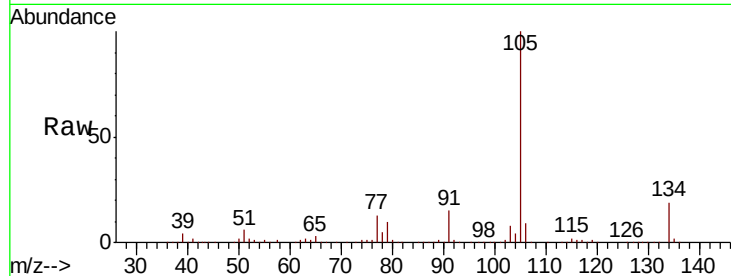
VSTDCCC050EC

Tot Ion:105 Resp: 435016

Ion Ratio Lower Upper

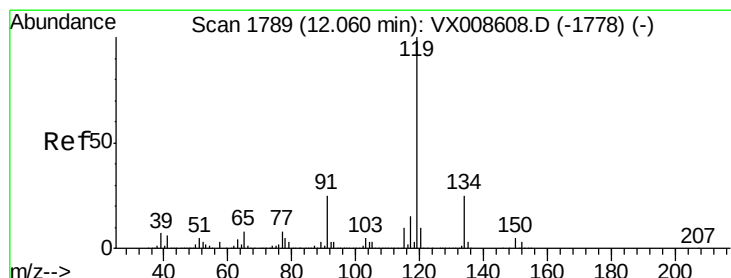
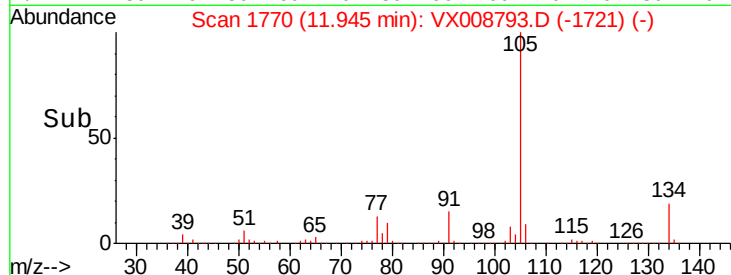
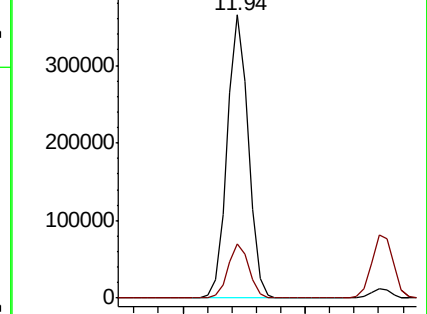
105 100

134 19.2 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: 44.448 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

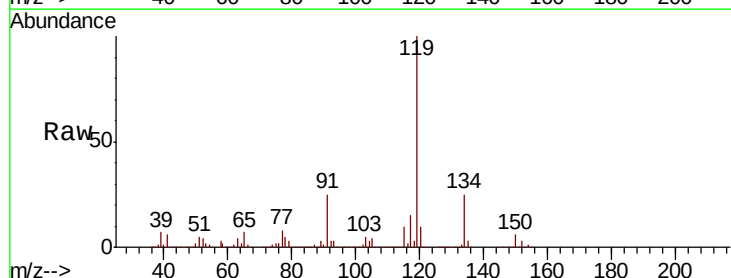
Tgt Ion:119 Resp: 392668

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

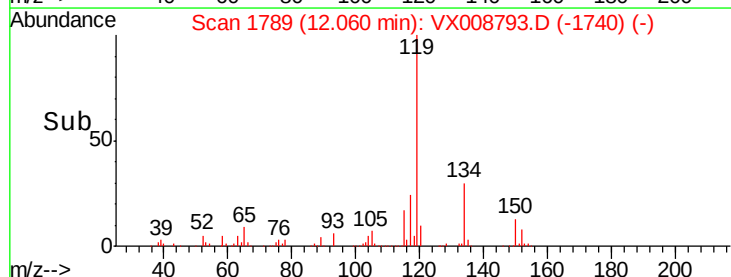
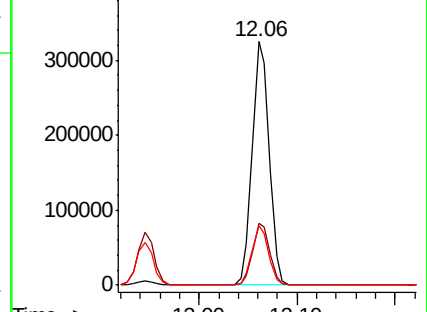
91 24.0 12.2 36.6

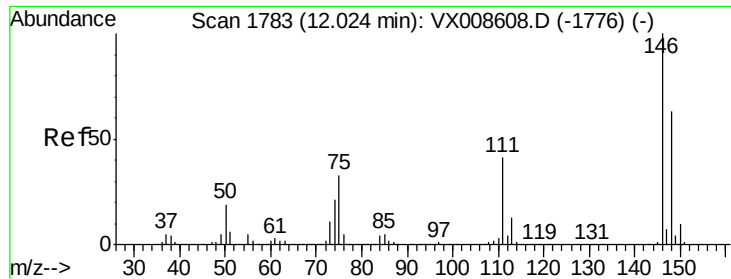


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

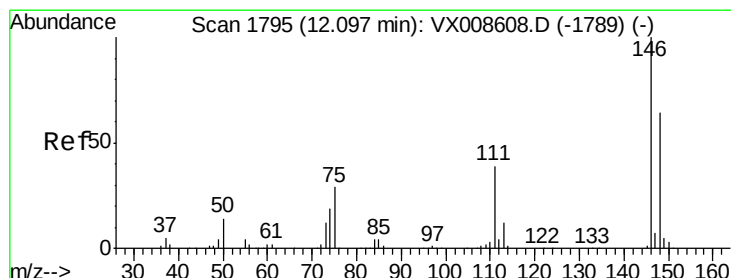
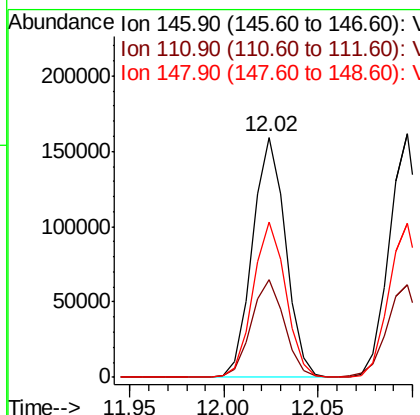
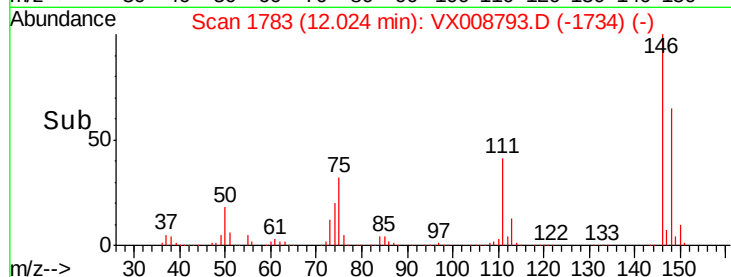
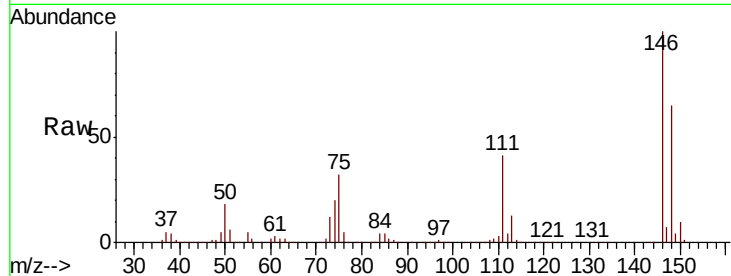




#87
 1,3-Dichlorobenzene
 Concen: 43.937 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

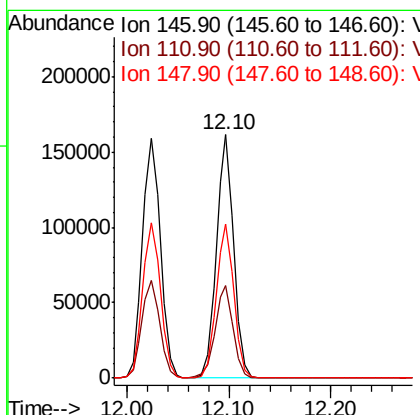
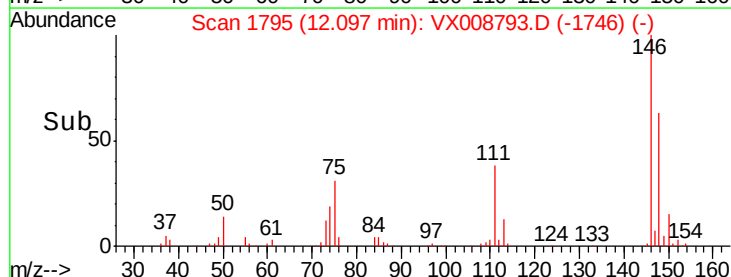
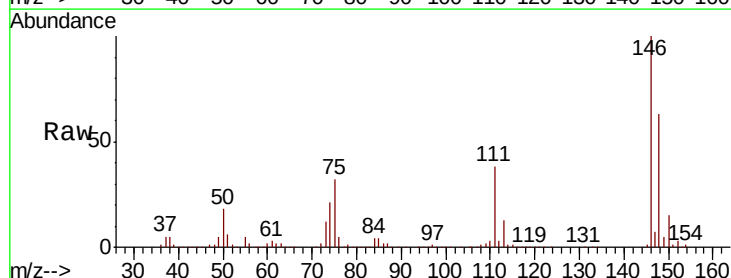
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

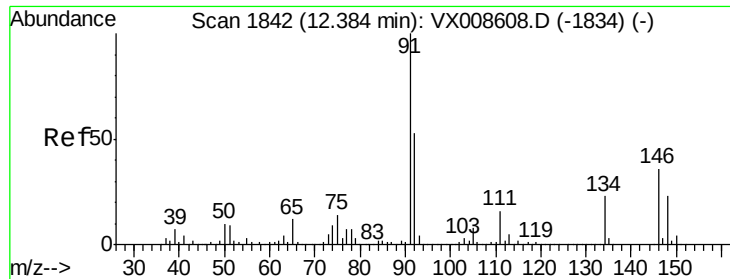
Tot Ion:146 Resp: 194024
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 43.196 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion:146 Resp: 193158
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.2 60.6
 148 64.8 32.0 96.0

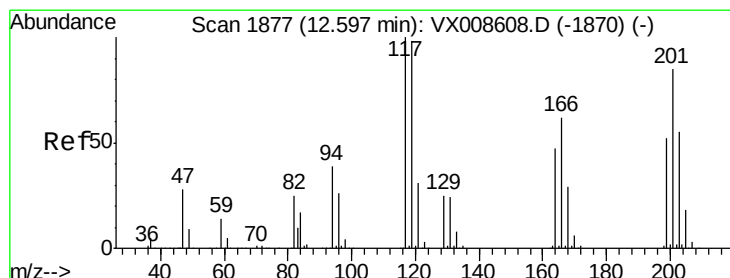
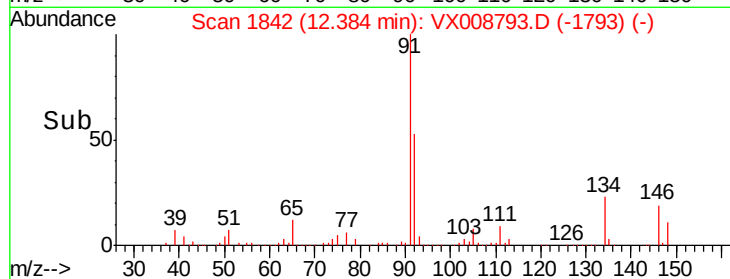
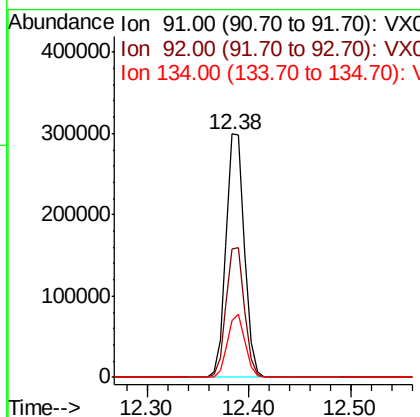
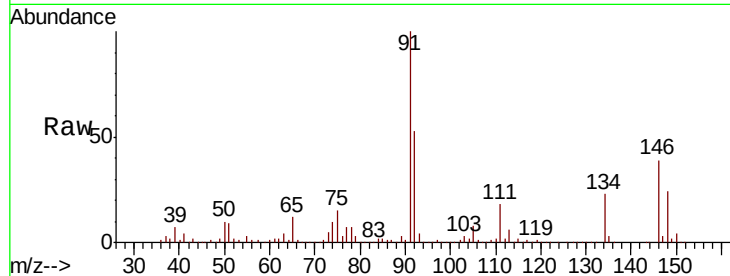




#89
n-Butylbenzene
Concen: 44.809 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

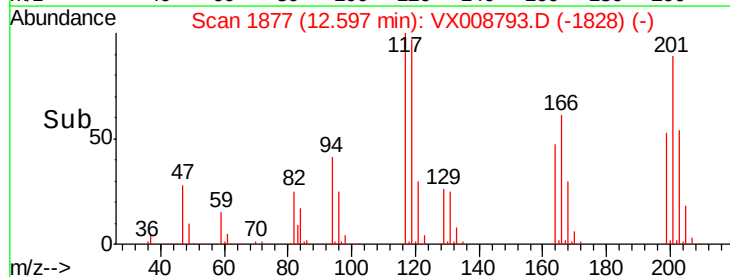
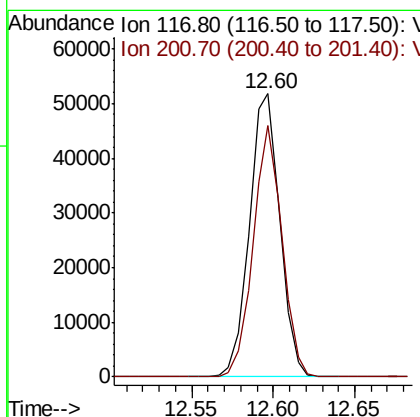
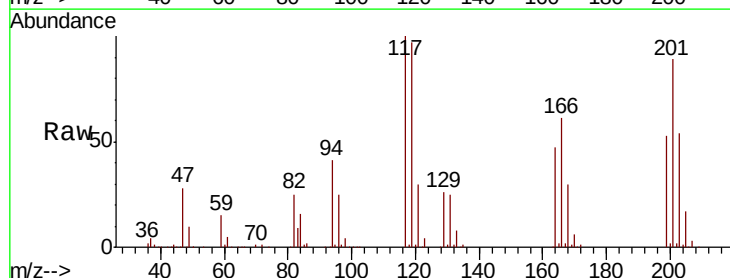
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

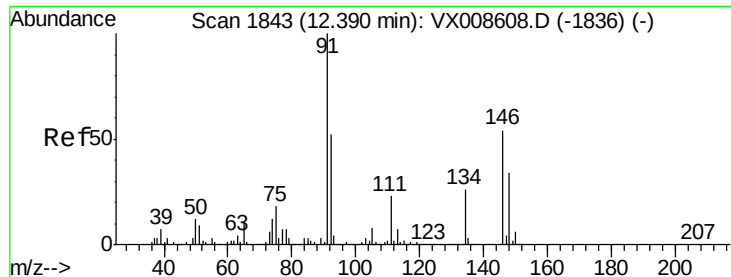
Tot Ion: 91 Resp: 371239
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 24.7 12.0 36.0



#90
Hexachloroethane
Concen: 45.991 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 117 Resp: 67388
Ion Ratio Lower Upper
117 100
201 83.7 40.6 122.0

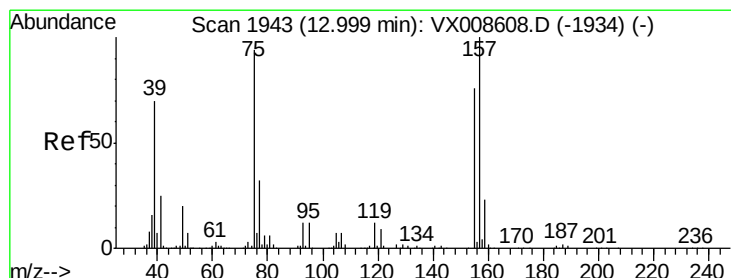
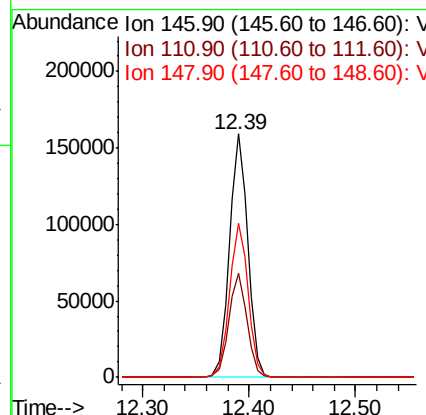
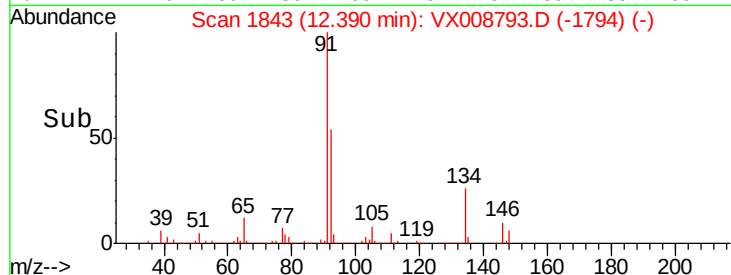
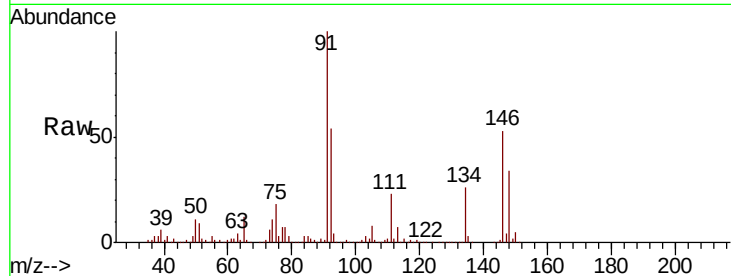




#91
 1,2-Dichlorobenzene
 Concen: 43.688 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

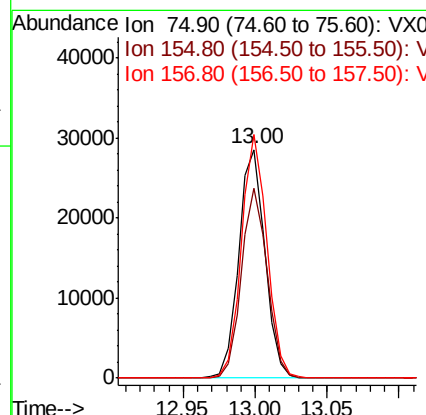
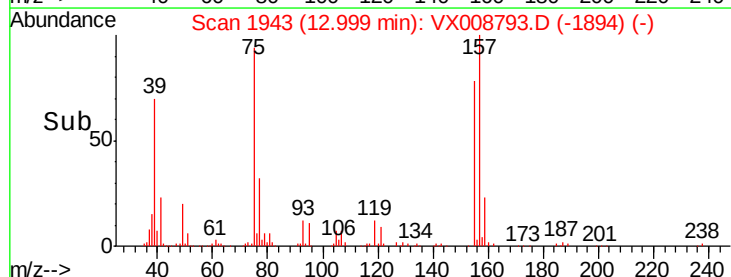
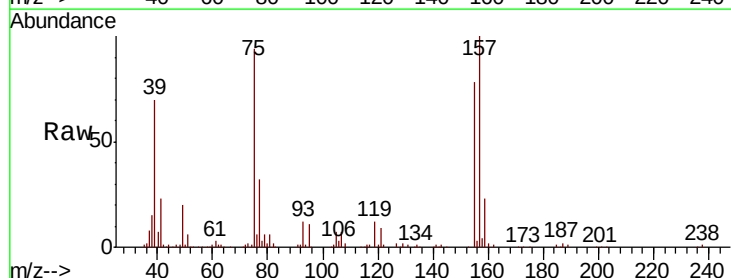
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

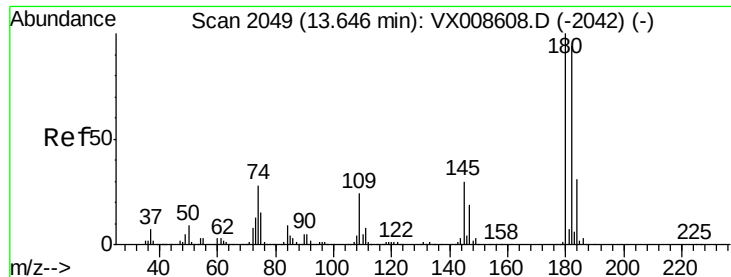
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.9
148	64.1	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.291 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	39.9	119.6
157	103.0	51.5	154.7

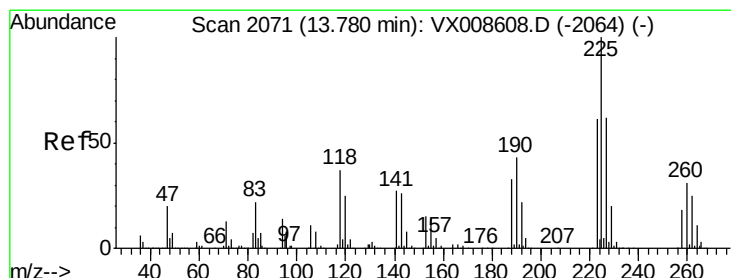
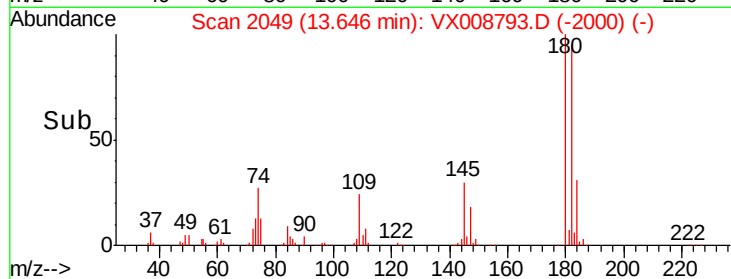
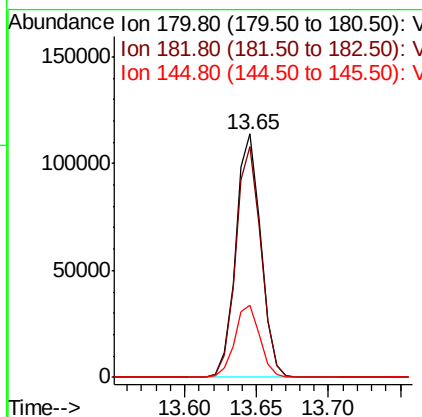
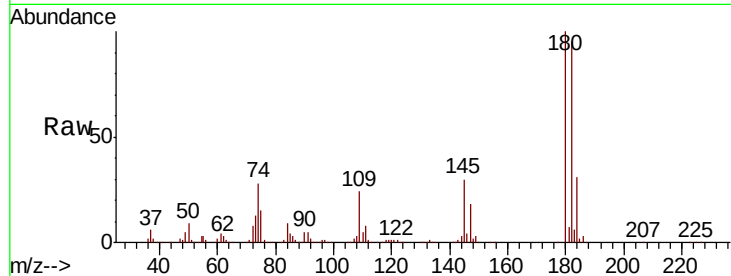




#93
 1,2,4-Trichlorobenzene
 Concen: 45.259 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

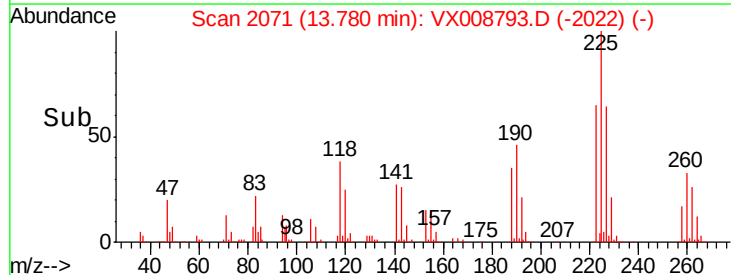
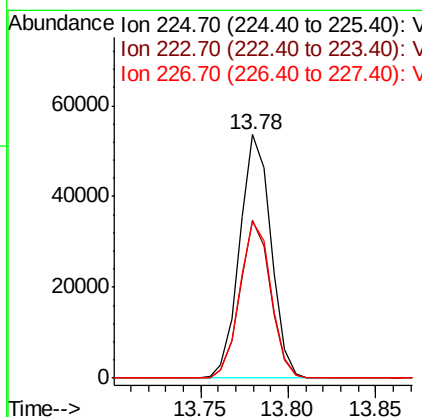
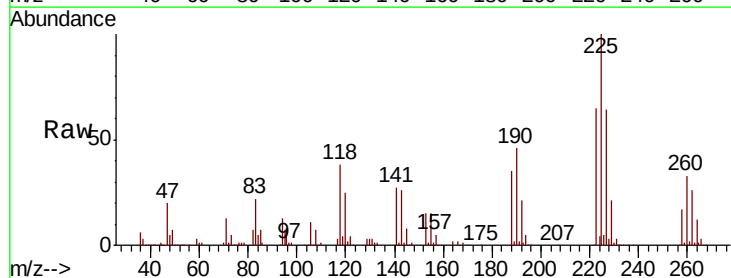
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

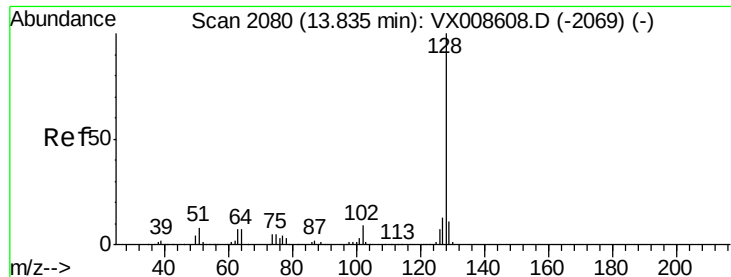
Tot Ion:	180	Resp:	137972
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	29.8	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 45.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion:	225	Resp:	66715
Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.1	31.9	95.5





#95

Naphthalene

Concen: 44.174 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

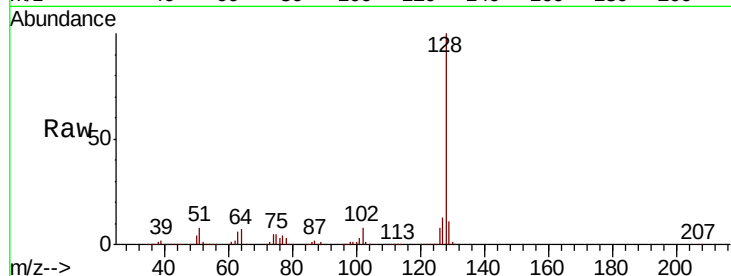
Tot Ion:128 Resp: 450074

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

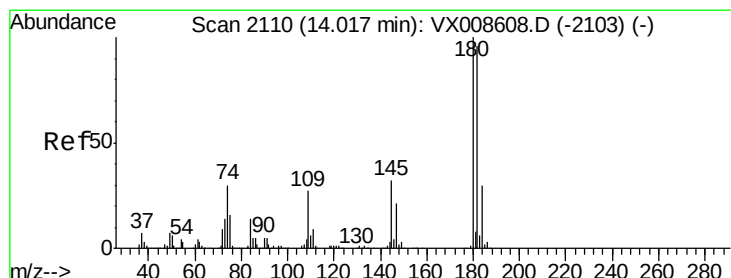
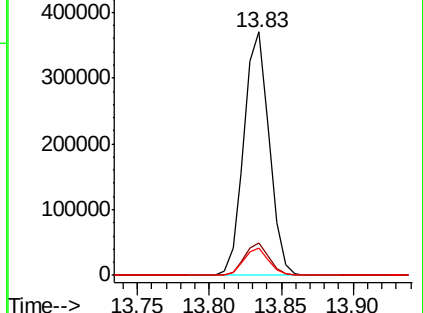
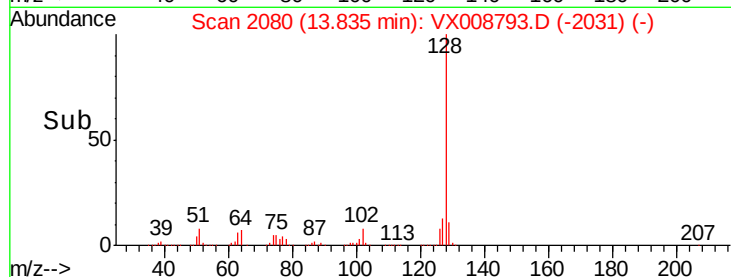
129 10.9 8.6 13.0



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: 44.594 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

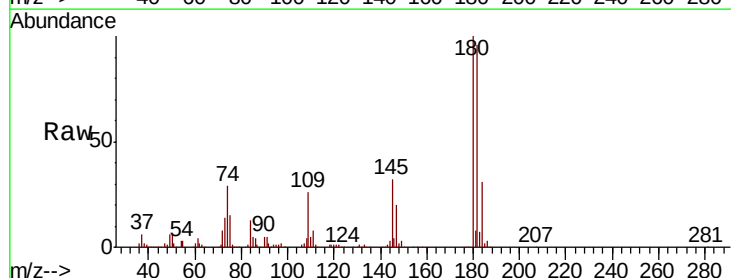
Tgt Ion:180 Resp: 135826

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 31.7 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

