

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005553.D
 Acq On : 24 Oct 2018 20:32
 Operator : JC/MD
 Sample : J5655-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Quant Time: Oct 25 04:56:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166550	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125582	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	102153	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	8.71	98	377536	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	143086	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	76050	36.647	ug/l	99
3) Chloromethane	1.32	50	105686	39.990	ug/l	99
4) Vinyl Chloride	1.41	62	111253	42.812	ug/l	99
5) Bromomethane	1.64	94	67240	41.584	ug/l	99
6) Chloroethane	1.71	64	71777	43.237	ug/l	95
7) Trichlorofluoromethane	1.92	101	167313	46.336	ug/l	97
8) Diethyl Ether	2.19	74	67648	46.945	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93600	45.180	ug/l	94
10) Methyl Iodide	2.51	142	114107	52.588	ug/l	97
11) Tert butyl alcohol	3.07	59	179569	260.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94765	48.017	ug/l	89
13) Acrolein	2.29	56	90461	256.777	ug/l	97
14) Allyl chloride	2.73	41	206334	46.845	ug/l	96
15) Acrylonitrile	3.15	53	391401	252.738	ug/l	98
16) Acetone	2.45	43	351857	259.453	ug/l	94
17) Carbon Disulfide	2.57	76	270514	44.965	ug/l	99
18) Methyl Acetate	2.78	43	170037	50.777	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	342097	48.593	ug/l	98
20) Methylene Chloride	2.85	84	107622	47.383	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	99890	46.356	ug/l	93
22) Diisopropyl ether	3.87	45	367883	47.828	ug/l	89
23) Vinyl Acetate	3.82	43	1680434	248.064	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	202015	48.307	ug/l	98
25) 2-Butanone	4.70	43	526919	255.149	ug/l	93
26) 2,2-Dichloropropane	4.58	77	136735	42.352	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	109475	47.125	ug/l	94
28) Bromochloromethane	5.02	49	98840	48.868	ug/l	90
29) Tetrahydrofuran	5.15	42	342288	254.688	ug/l	90
30) Chloroform	5.21	83	189956	48.561	ug/l	97
31) Cyclohexane	5.58	56	168010	48.557	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	166453	48.212	ug/l	99
36) 1,1-Dichloropropene	5.80	75	138610	44.059	ug/l	99
37) Ethyl Acetate	4.85	43	176126	43.872	ug/l	96
38) Carbon Tetrachloride	5.78	117	146138	44.105	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159705	45.973	ug/l	95
40) Benzene	6.14	78	414071	45.915	ug/l	99
41) Methacrylonitrile	5.06	41	101479	45.380	ug/l	95
42) 1,2-Dichloroethane	6.20	62	158279	46.200	ug/l	95
43) Isopropyl Acetate	6.46	43	269652	44.824	ug/l	96
44) Trichloroethene	7.21	130	113086	46.030	ug/l	96
45) 1,2-Dichloropropane	7.52	63	113093	46.644	ug/l	100
46) Dibromomethane	7.66	93	73015	46.627	ug/l	98
47) Bromodichloromethane	7.90	83	143188	47.112	ug/l	98
48) Methyl methacrylate	7.77	41	145667	49.704	ug/l	93
49) 1,4-Dioxane	7.76	88	64610	1008.817	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	991194	245.162	ug/l	93
52) Toluene	8.79	92	262039	47.810	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	157468	47.939	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	165050	46.670	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	109626	47.441	ug/l	98
56) Ethyl methacrylate	9.18	69	170673	49.518	ug/l	93
57) 1,3-Dichloropropane	9.37	76	183211	46.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.28	63	1276	0.663	ug/l #	45
59) 2-Hexanone	9.50	43	793253	248.847	ug/l	92
60) Dibromochloromethane	9.59	129	116863	48.472	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114195	47.768	ug/l	99
64) Tetrachloroethene	9.34	164	113684	47.022	ug/l	98
65) Chlorobenzene	10.14	112	297232	47.927	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	109699	48.510	ug/l	98
67) Ethyl Benzene	10.25	91	514059	50.380	ug/l	97
68) m/p-Xylenes	10.36	106	397418	100.390	ug/l	94
69) o-Xylene	10.70	106	190256	51.083	ug/l	95
70) Styrene	10.71	104	320801	51.453	ug/l	96
71) Bromoform	10.86	173	98751	48.938	ug/l	100
73) Isopropylbenzene	11.02	105	520864	51.161	ug/l	99
74) N-amyl acetate	10.90	43	246027	48.770	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	180660	48.099	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217097	63.995	ug/l	86
77) Bromobenzene	11.26	156	138782	48.913	ug/l	97
78) n-propylbenzene	11.36	91	603962	51.880	ug/l	99
79) 2-Chlorotoluene	11.42	91	360681	49.969	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	451008	51.785	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	51789	47.955	ug/l	97
82) 4-Chlorotoluene	11.51	91	428027	50.289	ug/l	99
83) tert-Butylbenzene	11.77	119	444534	51.205	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	463041	52.459	ug/l	97
85) sec-Butylbenzene	11.94	105	532110	51.366	ug/l	98
86) p-Isopropyltoluene	12.07	119	481795	52.027	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	258615	48.471	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	262171	46.978	ug/l	99
89) n-Butylbenzene	12.39	91	423025	50.601	ug/l	97
90) Hexachloroethane	12.60	117	79339	49.675	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	261513	48.445	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45470	50.067	ug/l	95

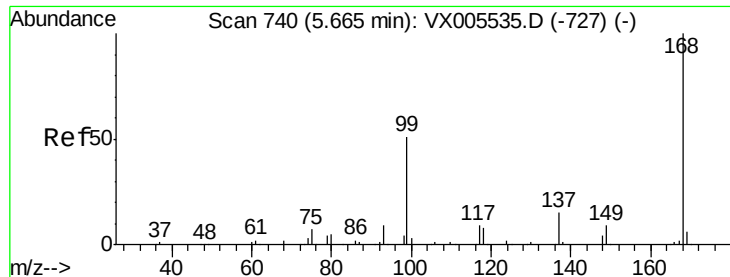
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\
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Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	193607	49.477	ug/l	99
94) Hexachlorobutadiene	13.78	225	94020	46.364	ug/l	97
95) Naphthalene	13.83	128	608350	53.484	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	200526	50.553	ug/l	99

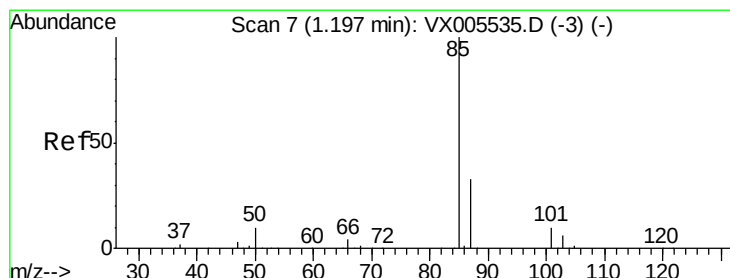
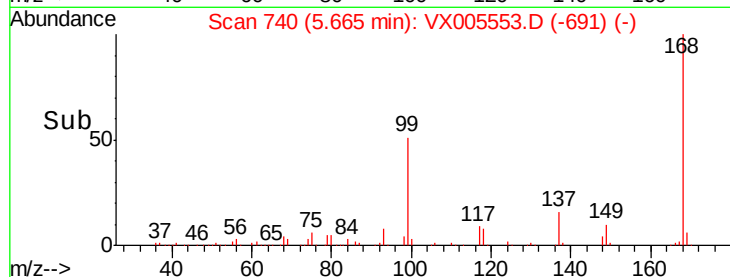
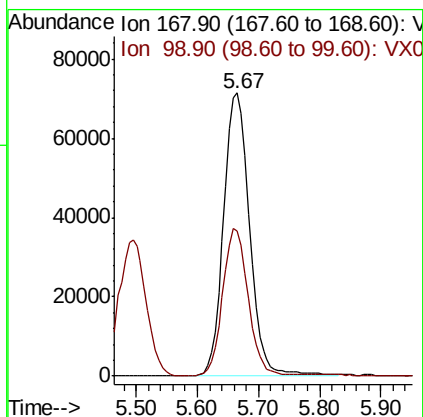
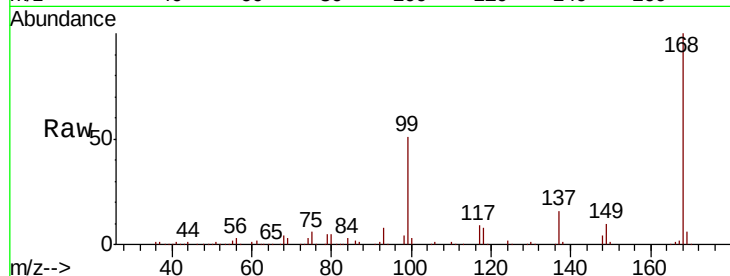
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

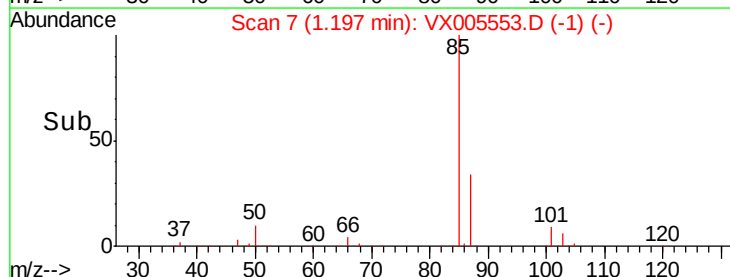
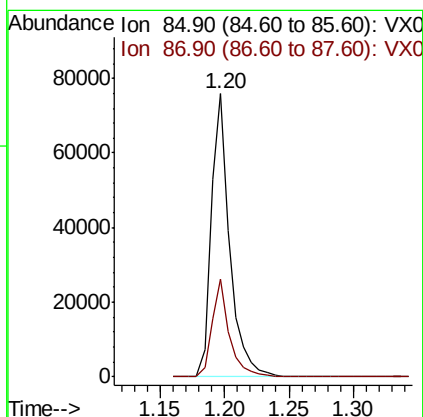
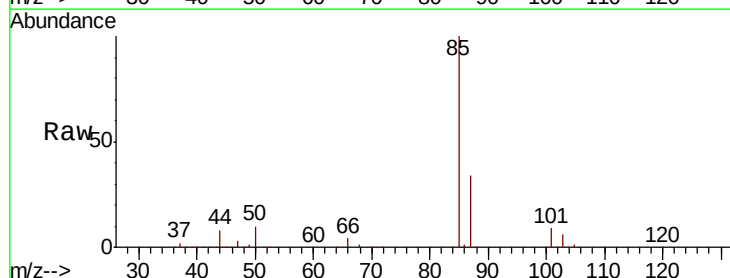
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

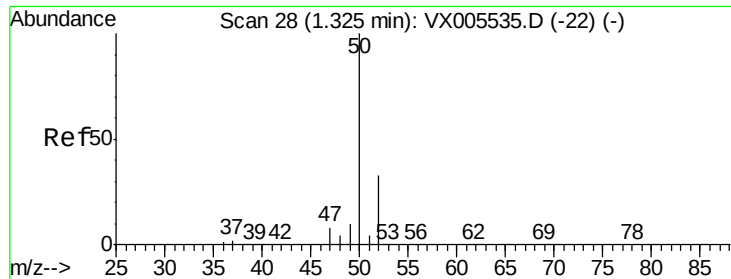
Tot Ion:168 Resp: 210246
Ion Ratio Lower Upper
168 100
99 51.0 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 36.647 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 85 Resp: 76050
Ion Ratio Lower Upper
85 100
87 34.4 17.0 50.9





#3

Chloromethane

Concen: 39.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

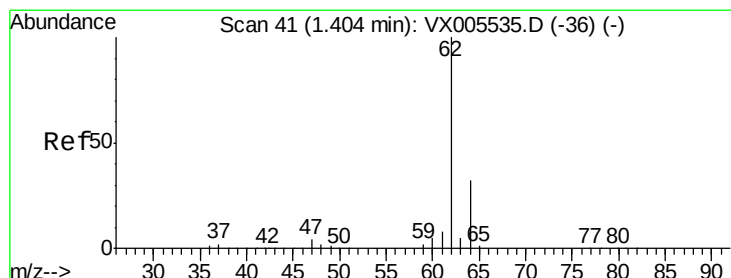
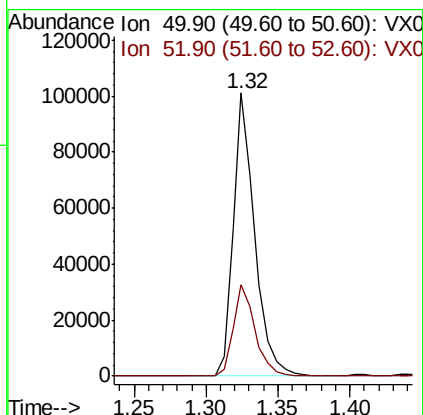
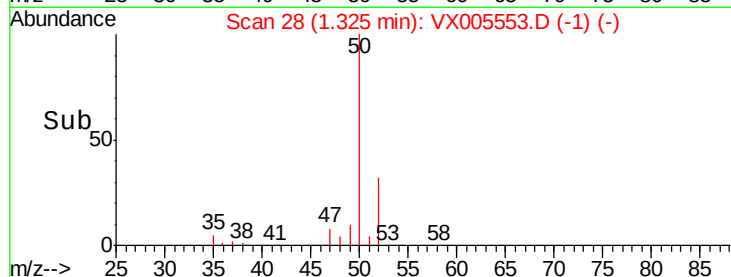
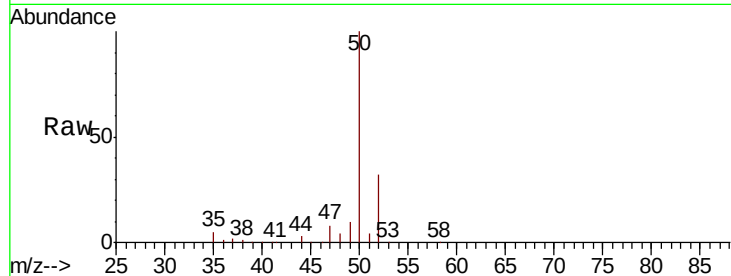
S37-0008MS

Tot Ion: 50 Resp: 105686

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 42.812 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005535.D

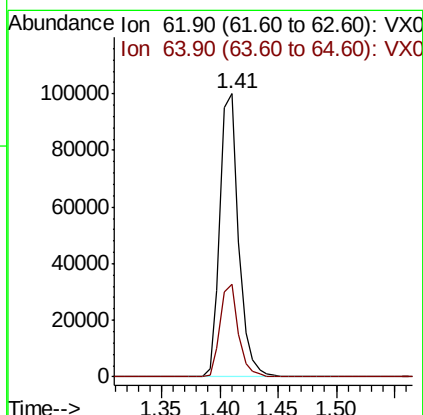
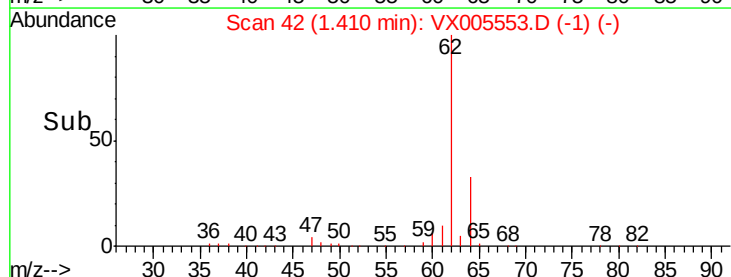
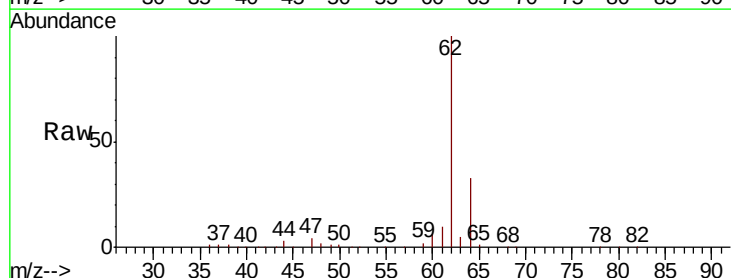
Acq: 24 Oct 2018 20:32

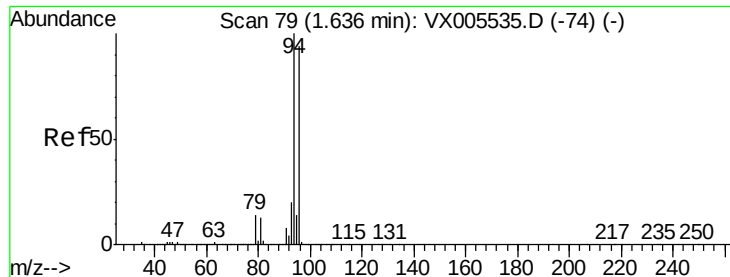
Tgt Ion: 62 Resp: 111253

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 41.584 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

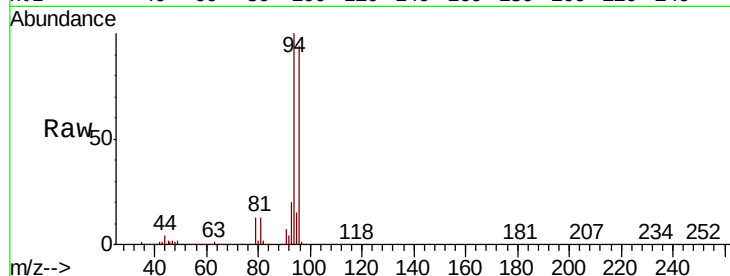
S37-0008MS

Tot Ion: 94 Resp: 67240

Ion Ratio Lower Upper

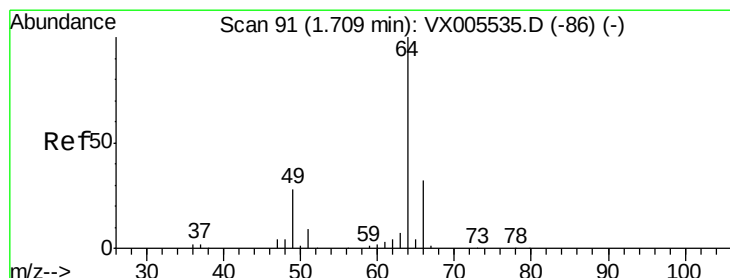
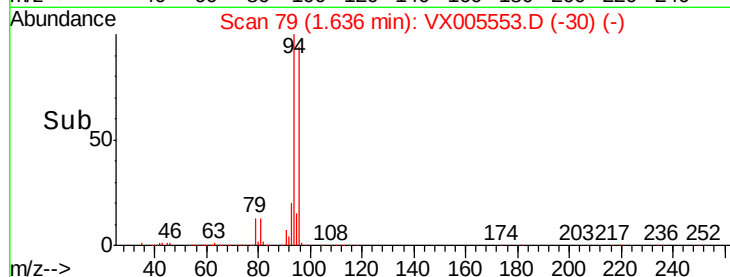
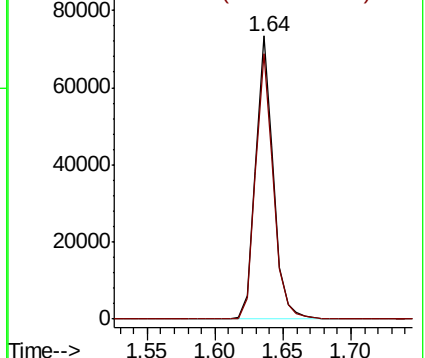
94 100

96 93.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.237 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005553.D

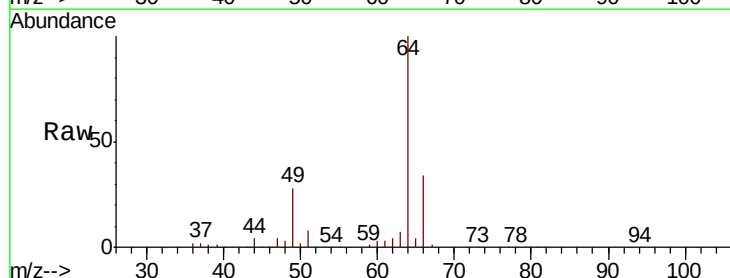
Acq: 24 Oct 2018 20:32

Tgt Ion: 64 Resp: 71777

Ion Ratio Lower Upper

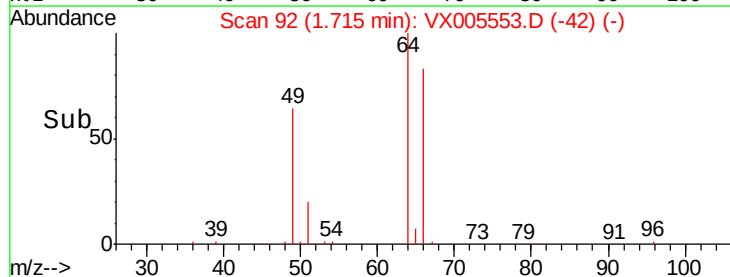
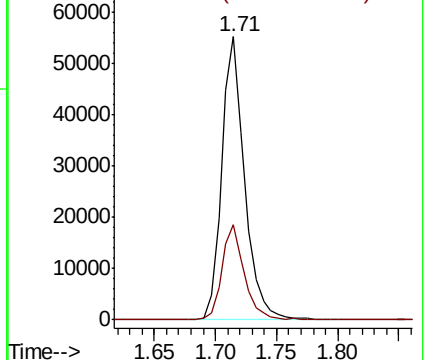
64 100

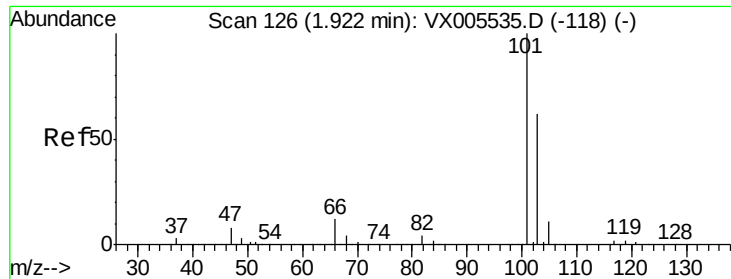
66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



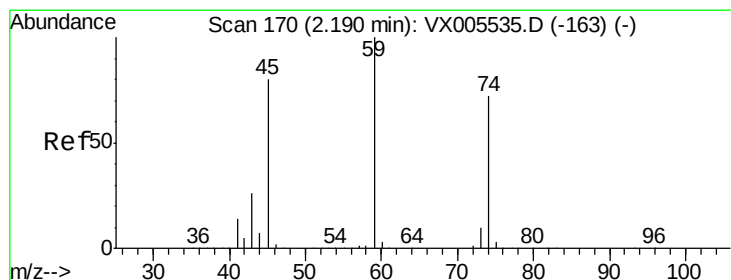
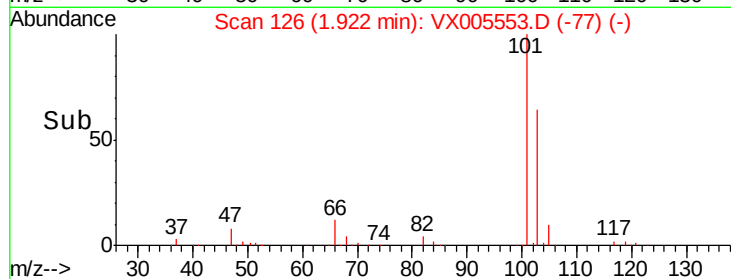
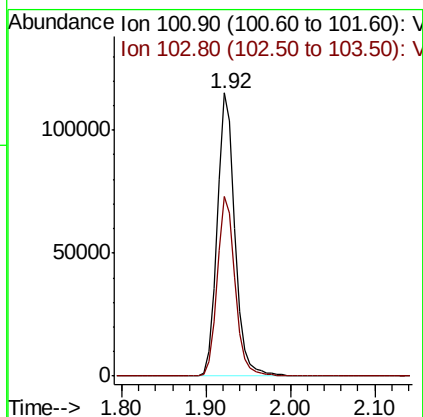
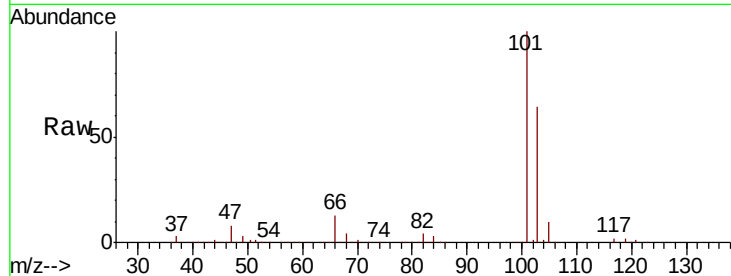


#7

Trichlorofluoromethane
Concen: 46.336 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005553.D
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Instrument :
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ClientSampleId :
S37-0008MS

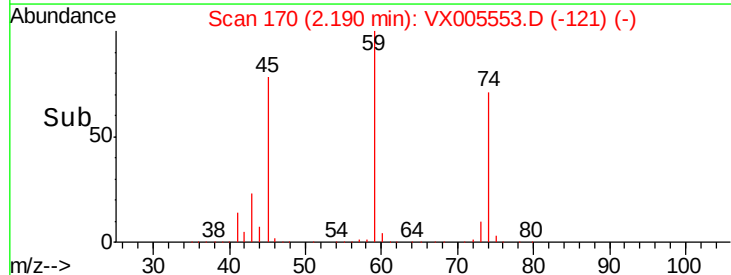
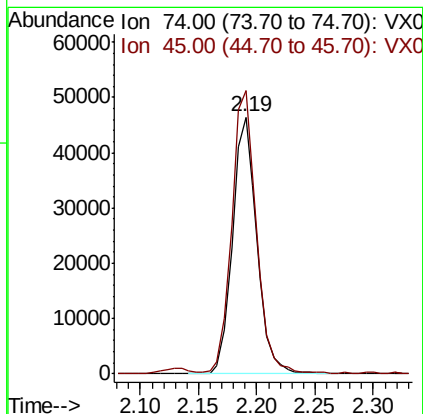
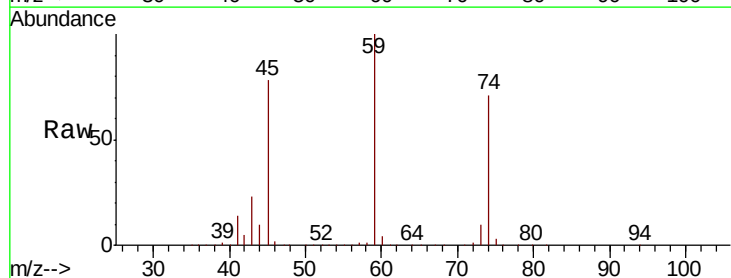
Tot Ion:101 Resp: 167313
Ion Ratio Lower Upper
101 100
103 63.6 48.9 73.3

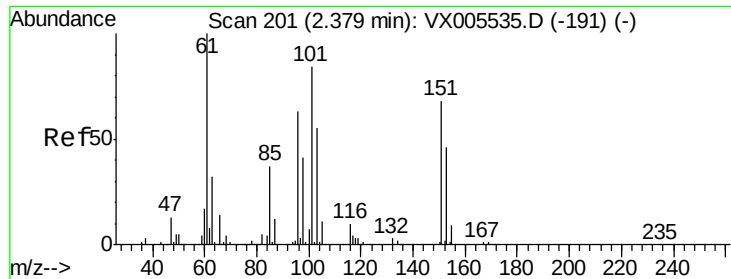


#8

Diethyl Ether
Concen: 46.945 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 74 Resp: 67648
Ion Ratio Lower Upper
74 100
45 110.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.180 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

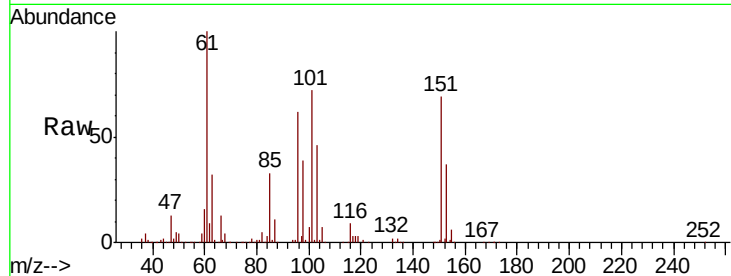
Tot Ion:101 Resp: 93600

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

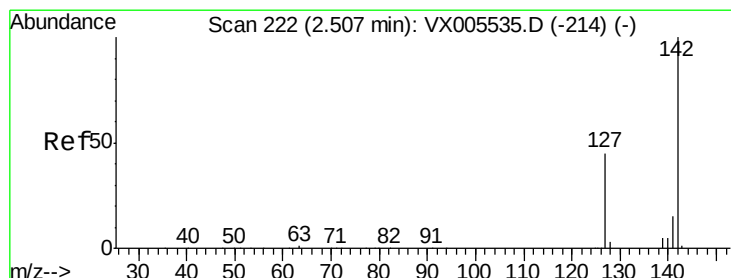
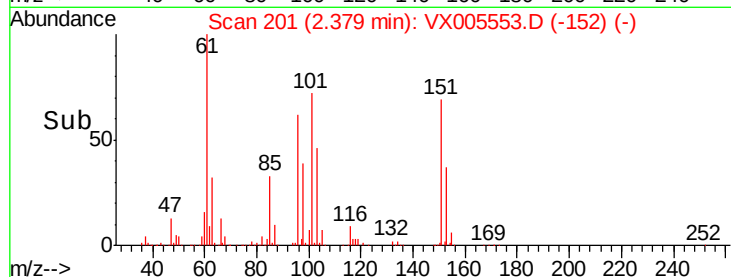
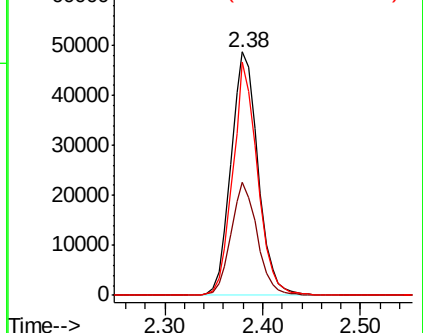
151 87.7 65.0 97.6



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: 52.588 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

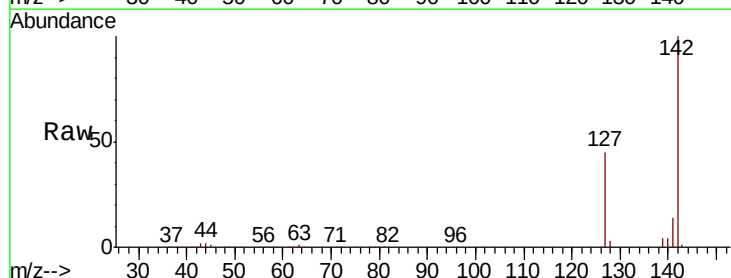
Tgt Ion:142 Resp: 114107

Ion Ratio Lower Upper

142 100

127 44.3 33.8 50.6

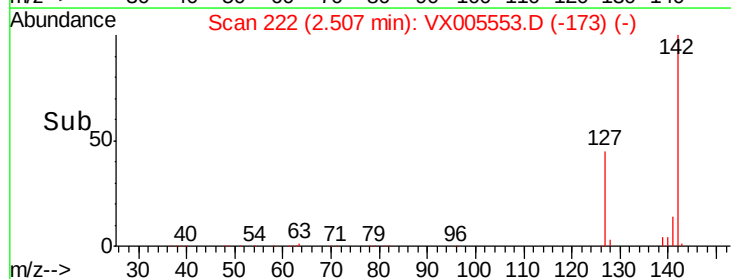
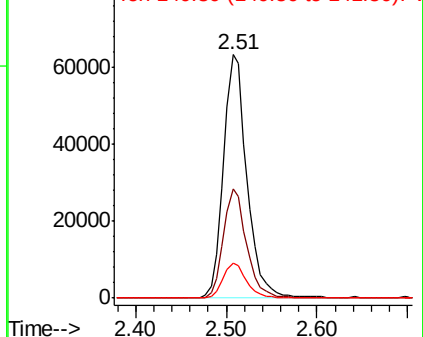
141 14.5 11.4 17.0

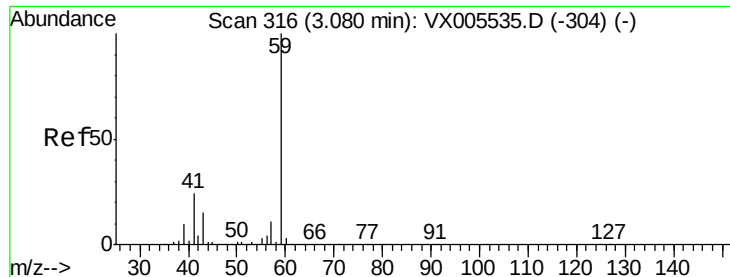


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



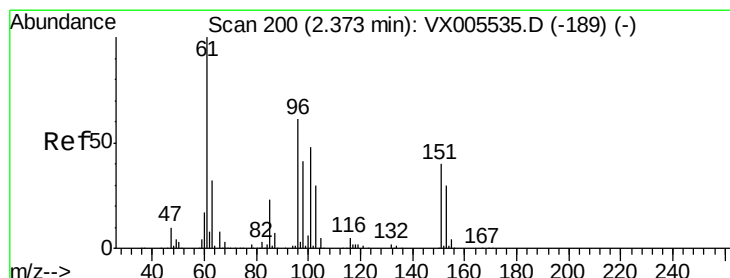
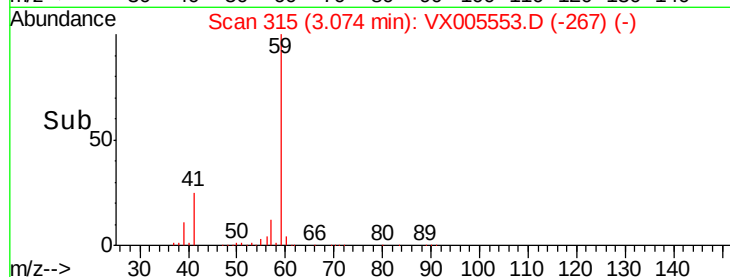
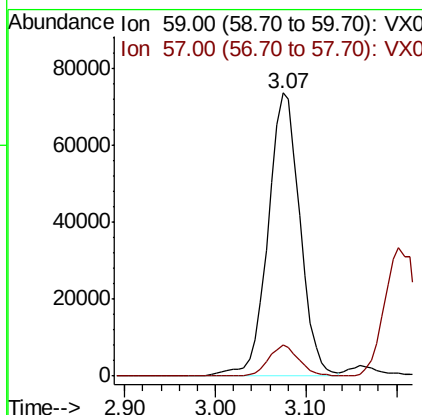
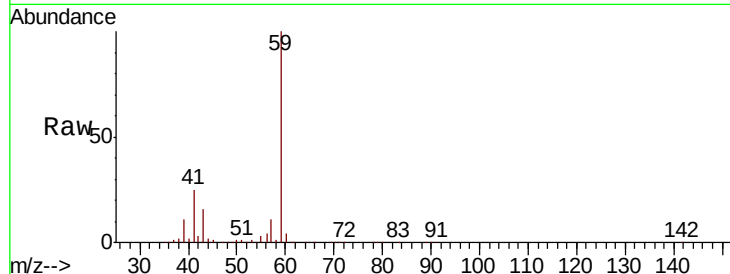


#11

Tert butyl alcohol
Concen: 260.009 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

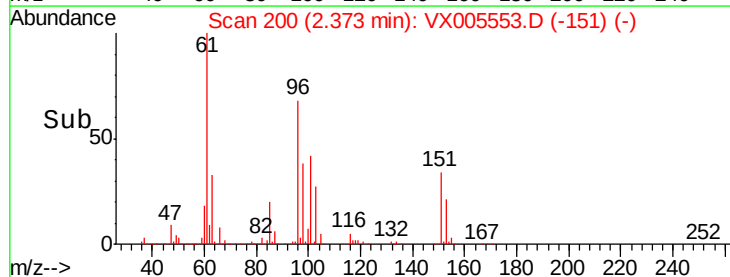
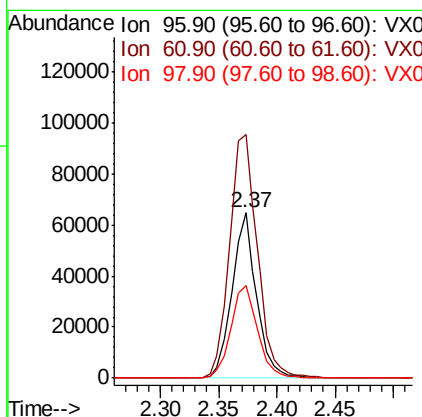
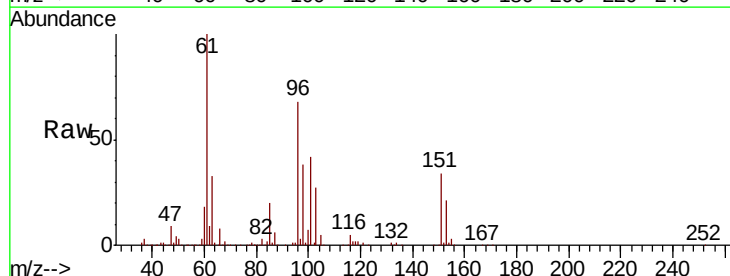
Tot Ion: 59 Resp: 179569
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

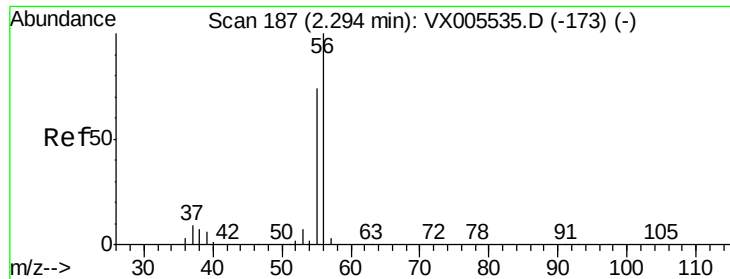


#12

1,1-Dichloroethene
Concen: 48.017 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 96 Resp: 94765
Ion Ratio Lower Upper
96 100
61 147.5 128.8 193.2
98 56.1 52.2 78.2





#13

Acrolein

Concen: 256.777 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

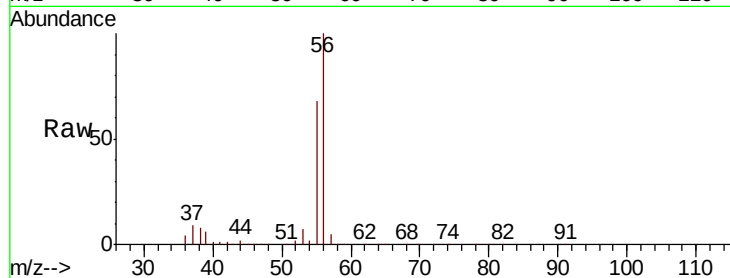
S37-0008MS

Tot Ion: 56 Resp: 90461

Ion Ratio Lower Upper

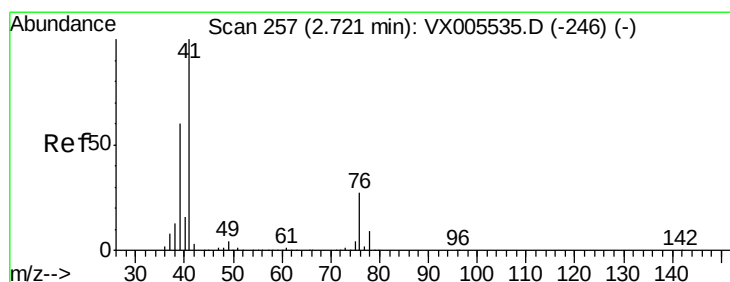
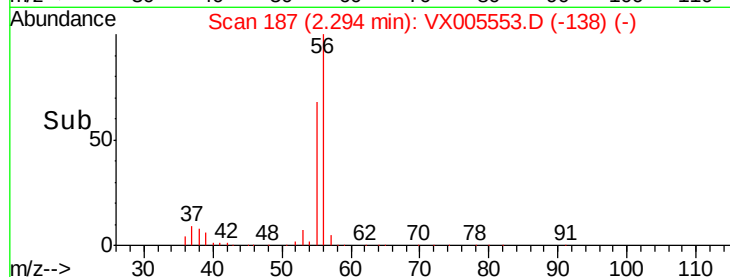
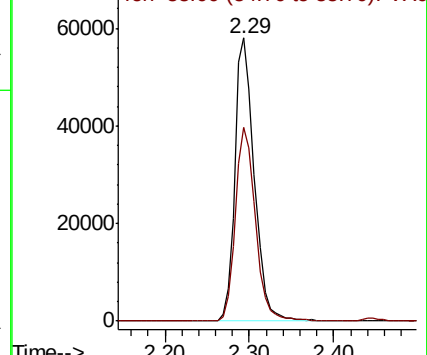
56 100

55 71.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.845 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

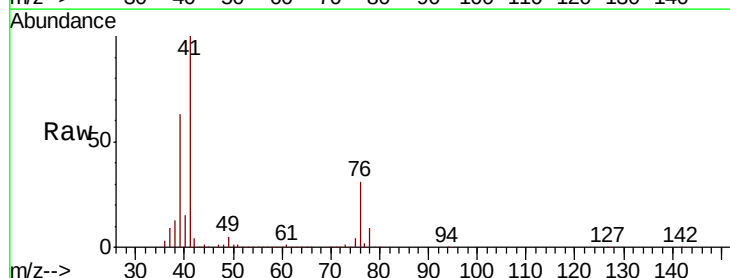
Tgt Ion: 41 Resp: 206334

Ion Ratio Lower Upper

41 100

39 60.1 48.9 73.3

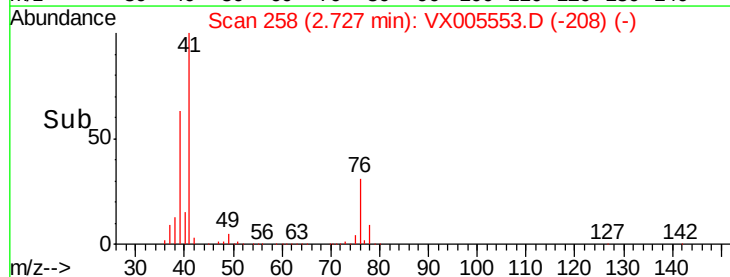
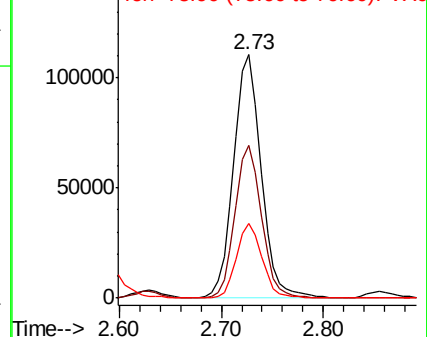
76 28.4 26.7 40.1

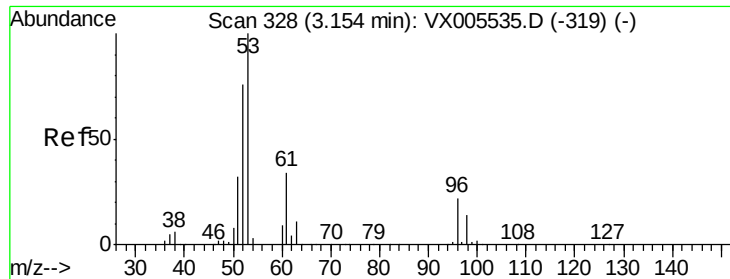


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.738 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

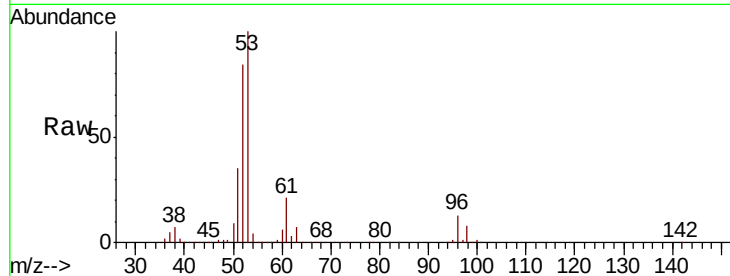
Tot Ion: 53 Resp: 391401

Ion Ratio Lower Upper

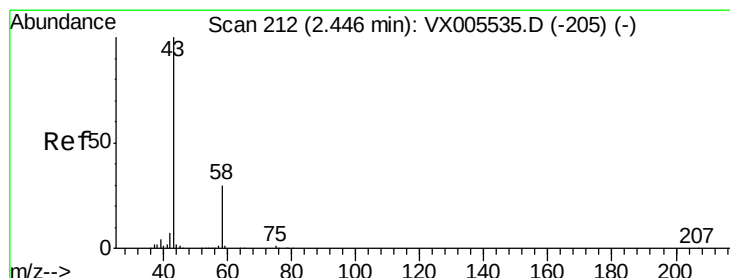
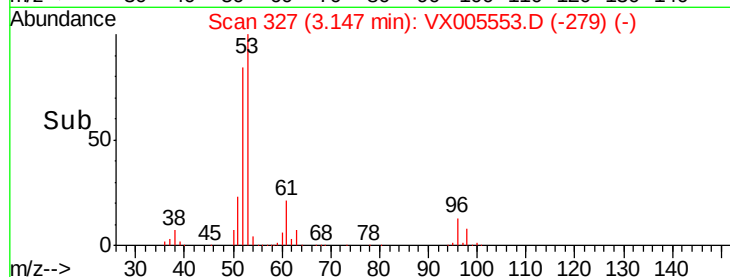
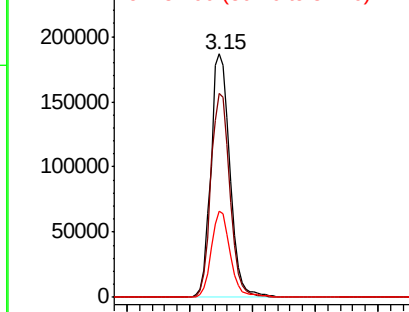
53 100

52 83.5 65.2 97.8

51 35.1 28.2 42.2



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: 259.453 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005553.D

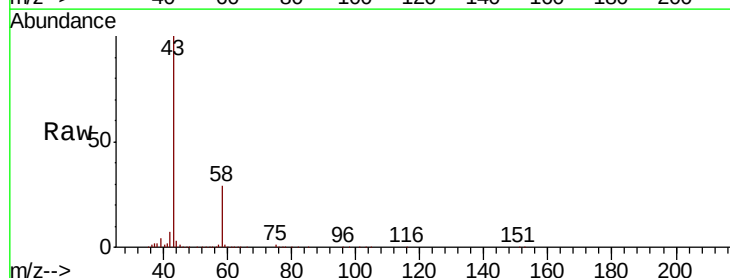
Acq: 24 Oct 2018 20:32

Tgt Ion: 43 Resp: 351857

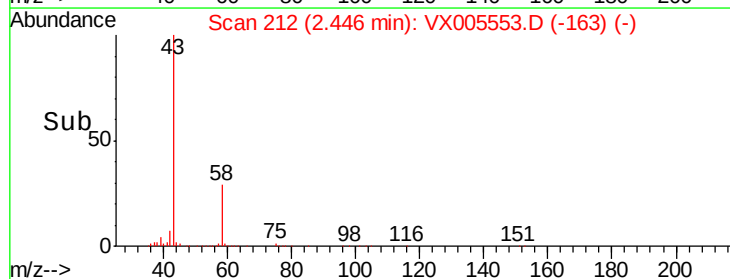
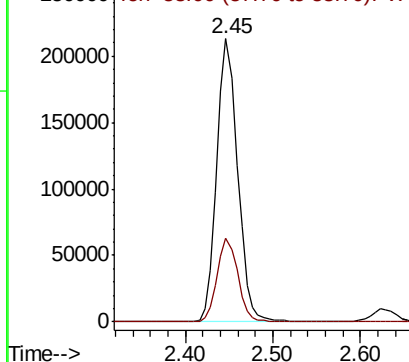
Ion Ratio Lower Upper

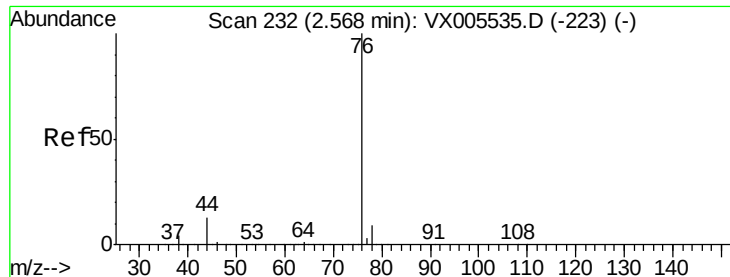
43 100

58 29.4 26.2 39.4



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

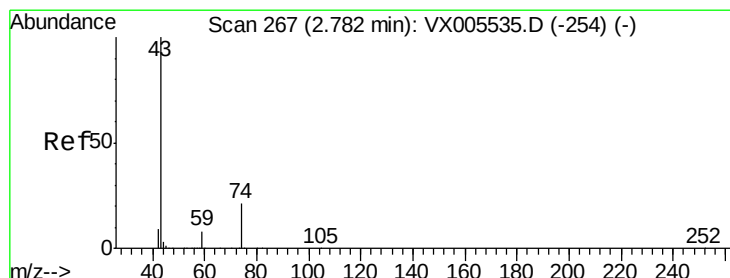
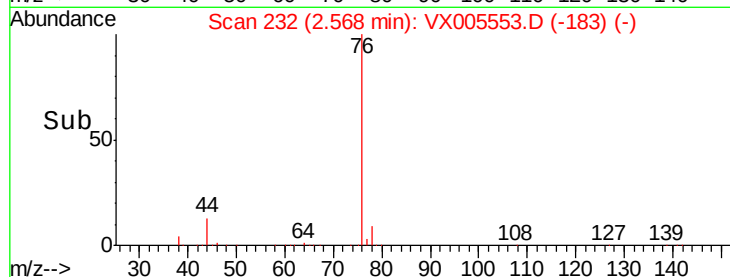
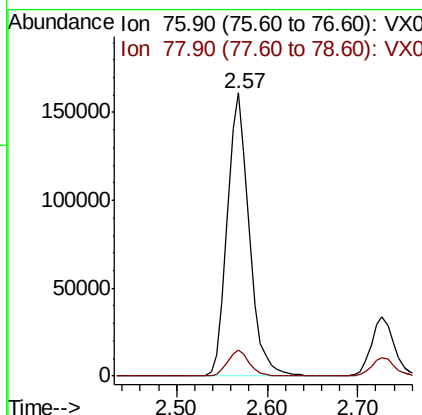
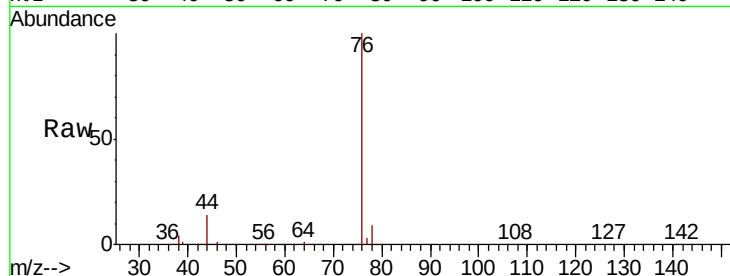




#17
Carbon Disulfide
Concen: 44.965 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

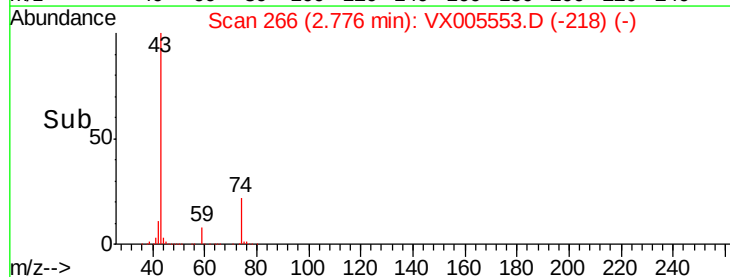
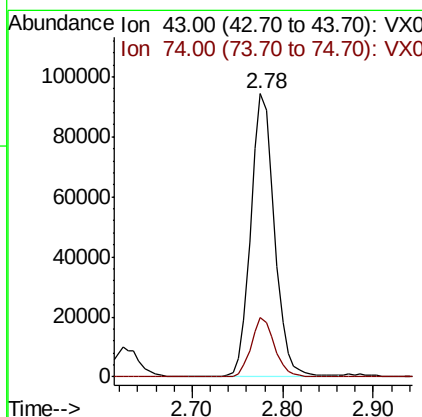
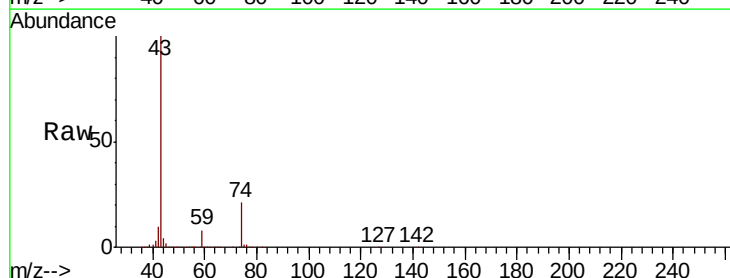
Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

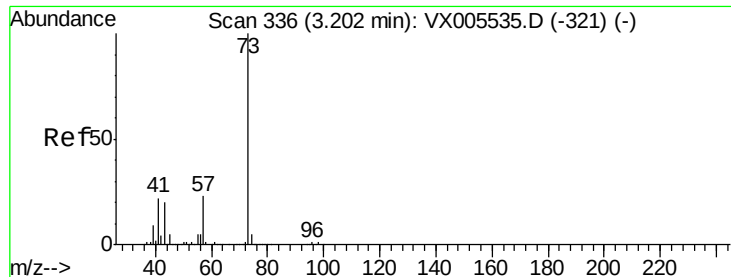
Tot Ion: 76 Resp: 270514
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.777 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 43 Resp: 170037
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2



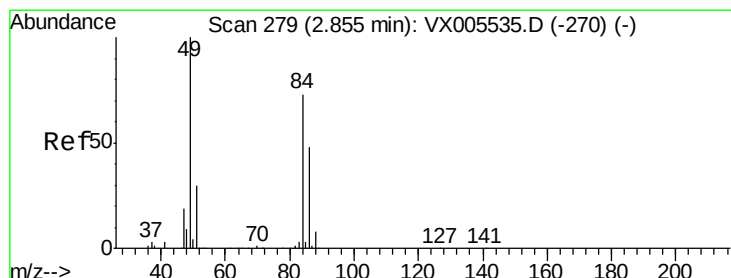
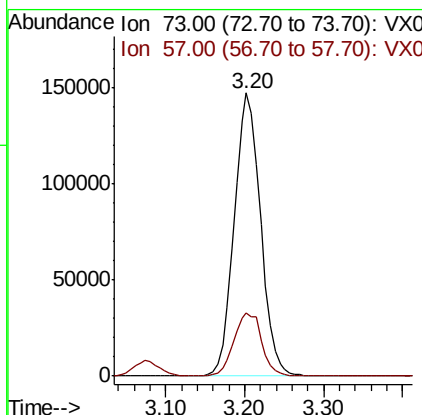
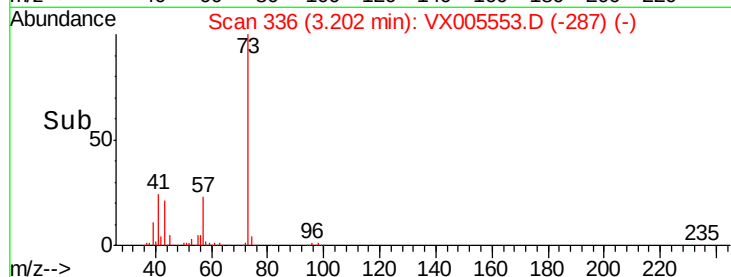
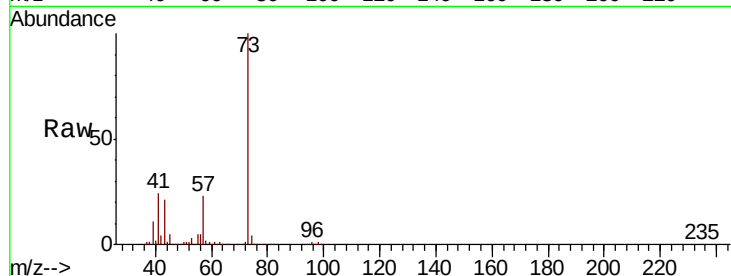


#19

Methyl tert-butyl Ether
 Concen: 48.593 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

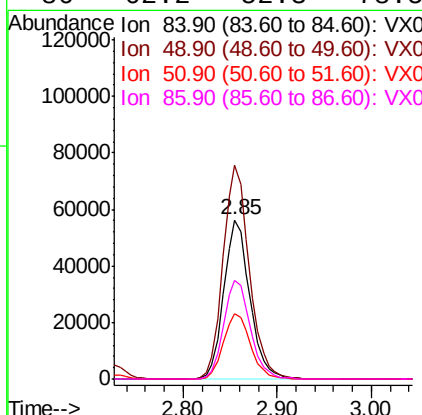
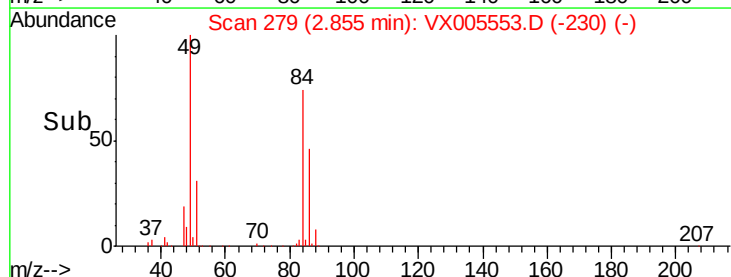
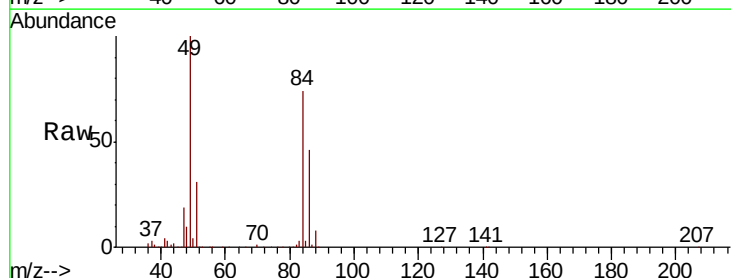
Tot Ion: 73 Resp: 342097
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.1 25.7

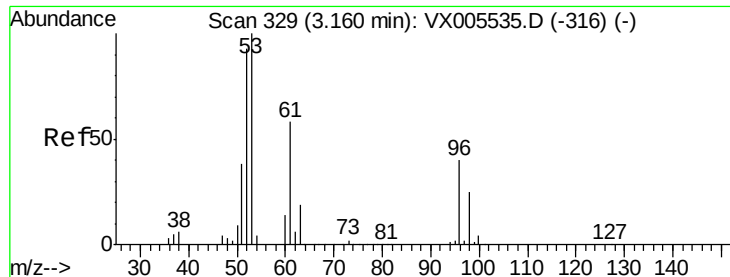


#20

Methylene Chloride
 Concen: 47.383 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 84 Resp: 107622
 Ion Ratio Lower Upper
 84 100
 49 134.6 101.2 151.8
 51 41.3 29.5 44.3
 86 62.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 46.356 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

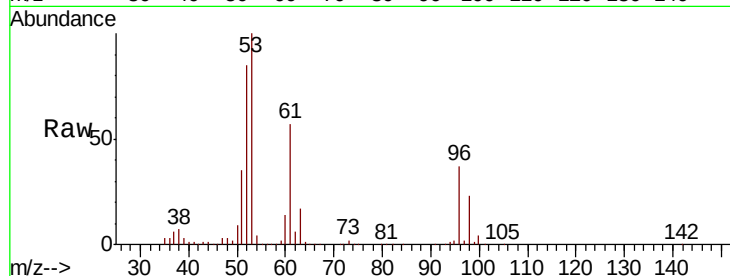
Tot Ion: 96 Resp: 99890

Ion Ratio Lower Upper

96 100

61 153.2 113.8 170.6

98 63.5 51.8 77.8

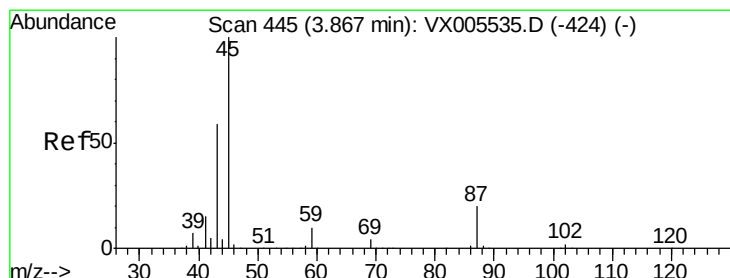
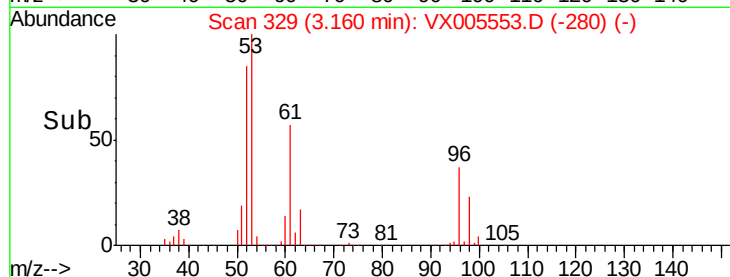
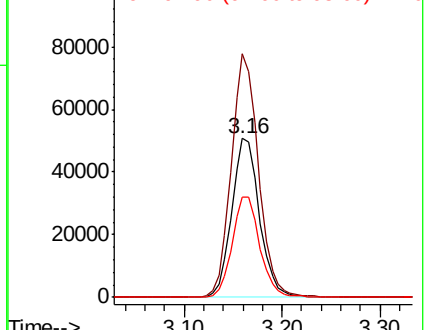


Abundance

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: 47.828 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

Tgt Ion: 45 Resp: 367883

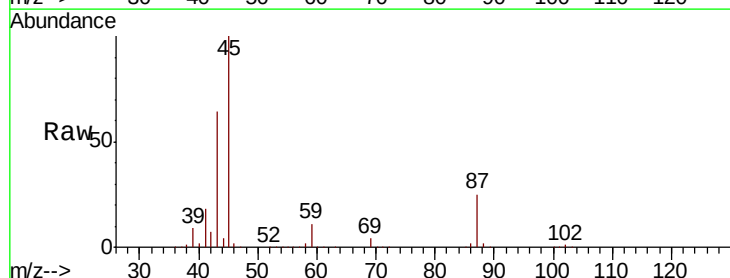
Ion Ratio Lower Upper

45 100

43 64.1 42.8 64.2

87 25.4 22.6 34.0

59 10.6 9.6 14.4



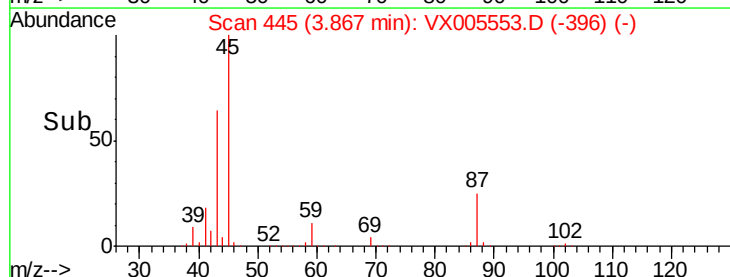
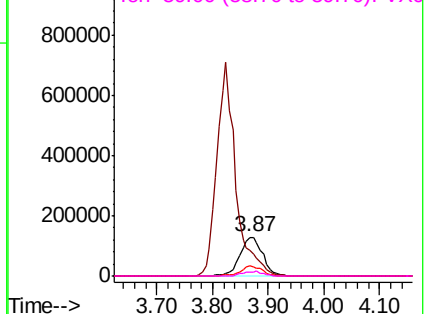
Abundance

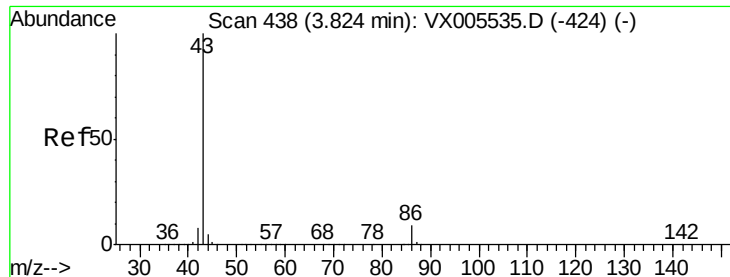
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.064 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

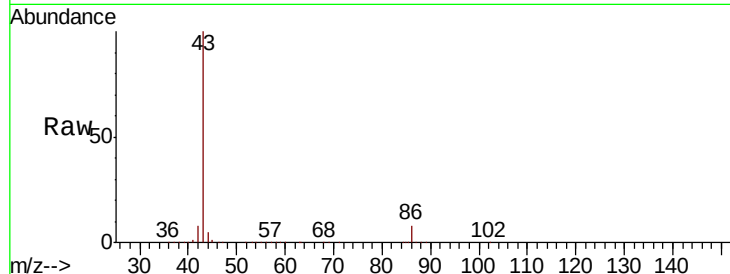
S37-0008MS

Tot Ion: 43 Resp: 1680434

Ion Ratio Lower Upper

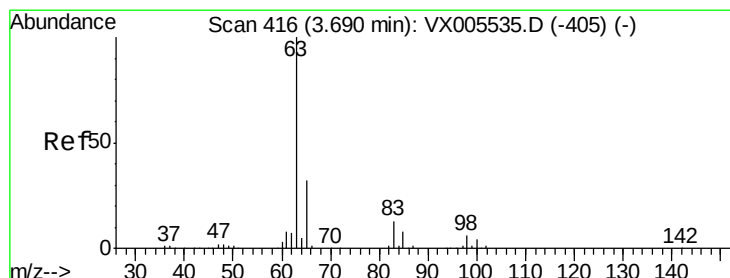
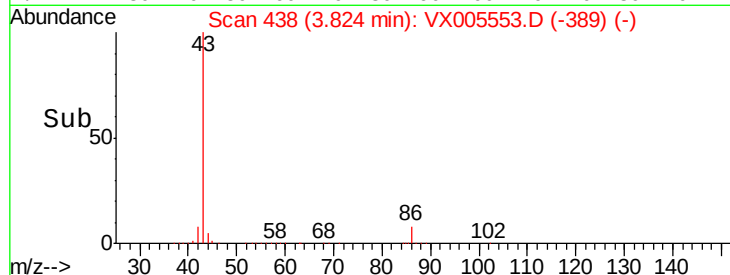
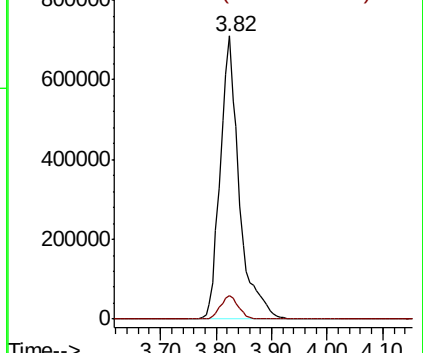
43 100

86 8.1 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.307 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

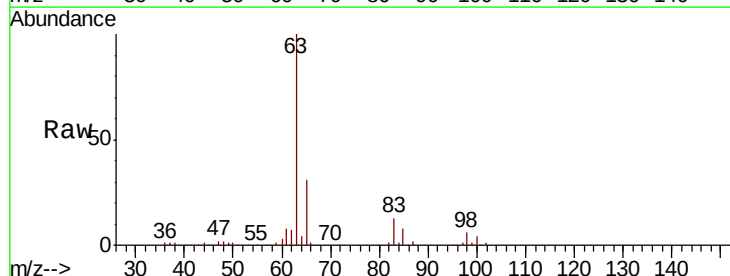
Tgt Ion: 63 Resp: 202015

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

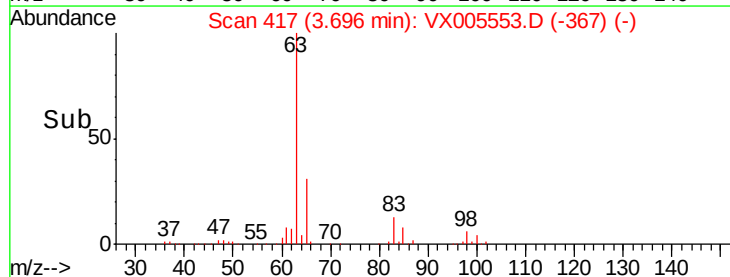
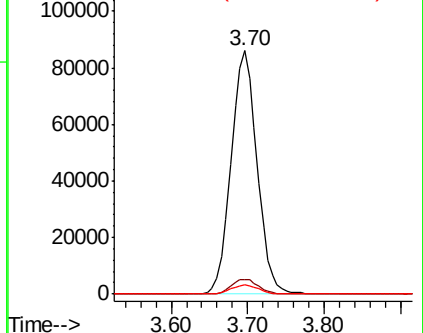
100 4.0 2.4 7.1

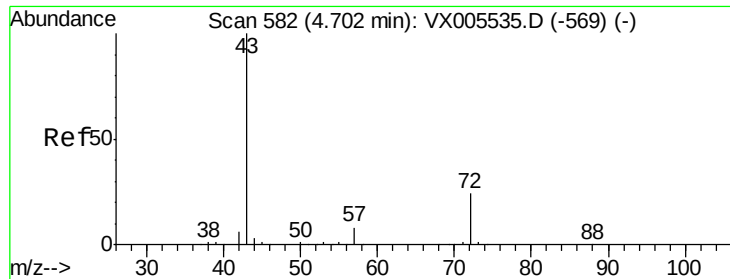


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.149 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

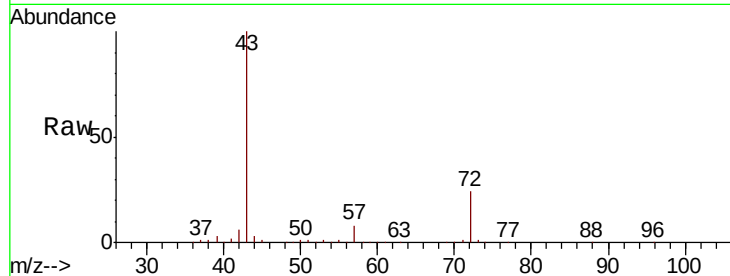
S37-0008MS

Tot Ion: 43 Resp: 526919

Ion Ratio Lower Upper

43 100

72 23.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

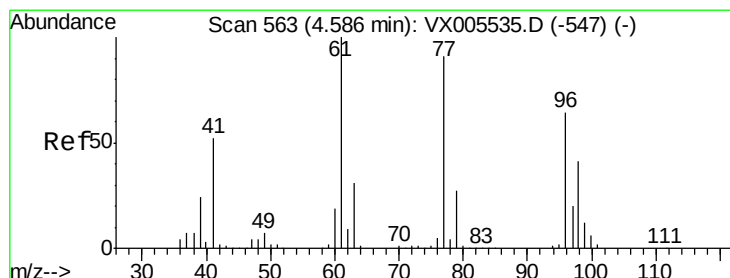
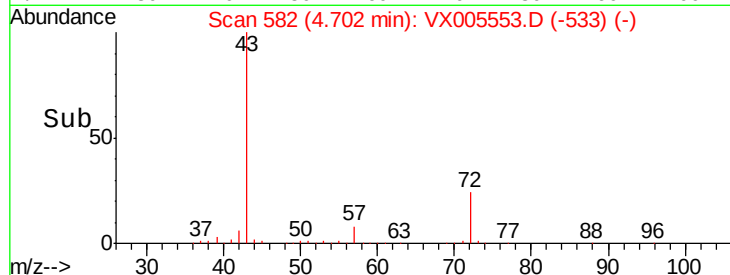
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.352 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005535.D

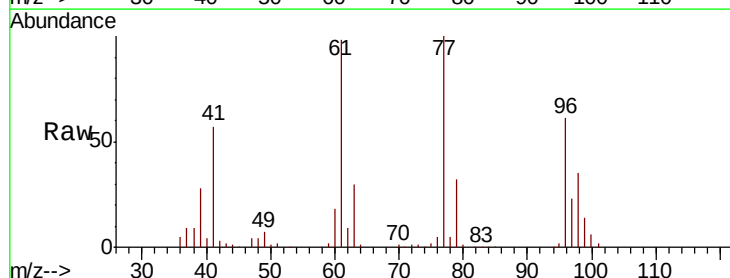
Acq: 24 Oct 2018 20:32

Tgt Ion: 77 Resp: 136735

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

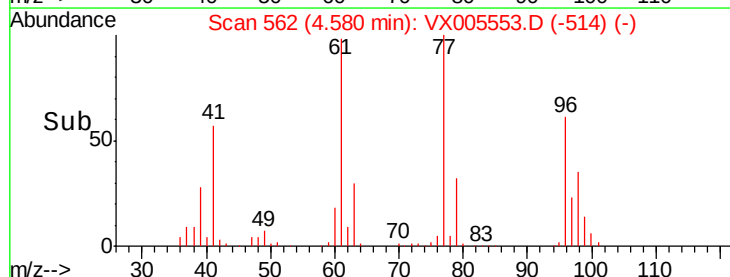
20000

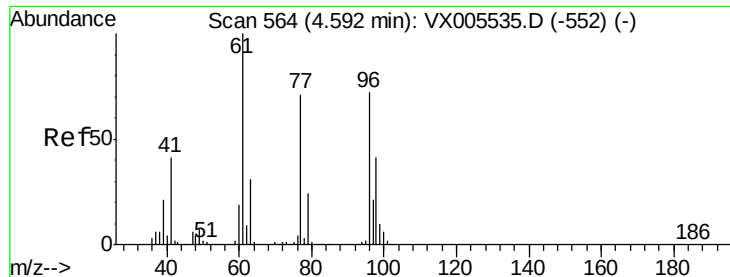
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.125 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

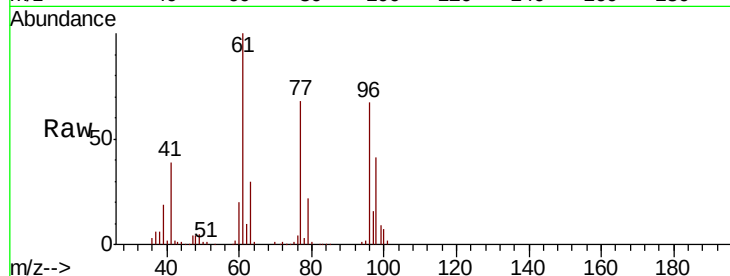
Tot Ion: 96 Resp: 109475

Ion Ratio Lower Upper

96 100

61 149.7 0.0 282.6

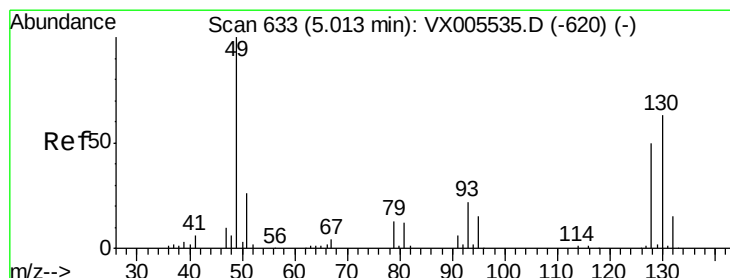
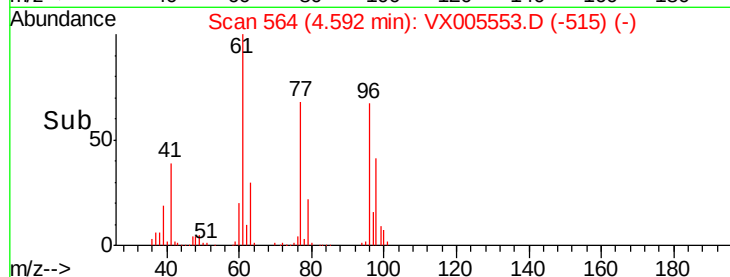
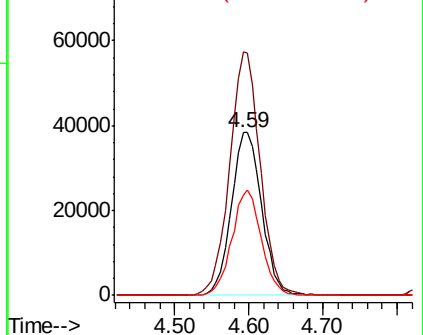
98 62.7 0.0 130.2



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



#28

Bromochloromethane

Concen: 48.868 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

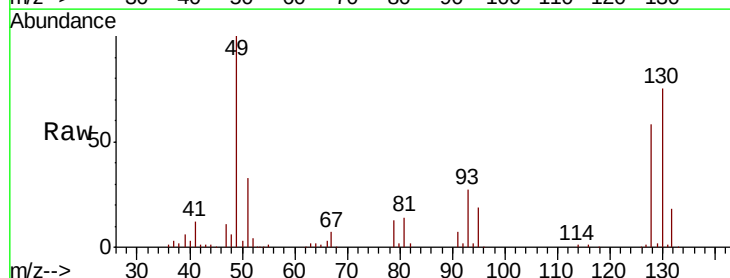
Tgt Ion: 49 Resp: 98840

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

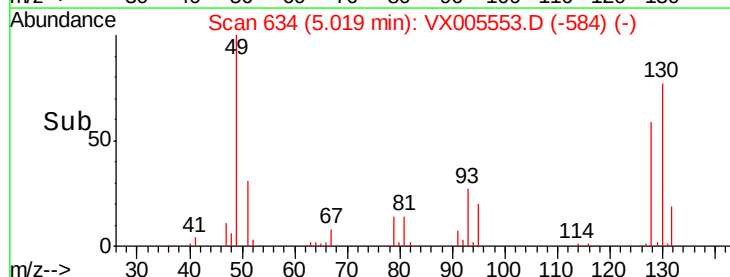
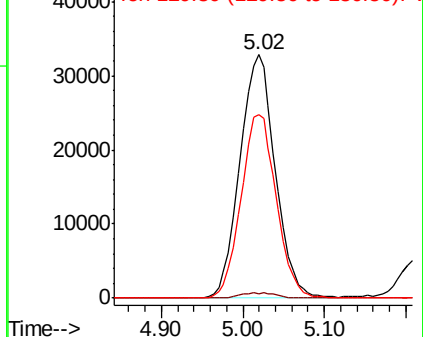
130 75.2 67.5 101.3

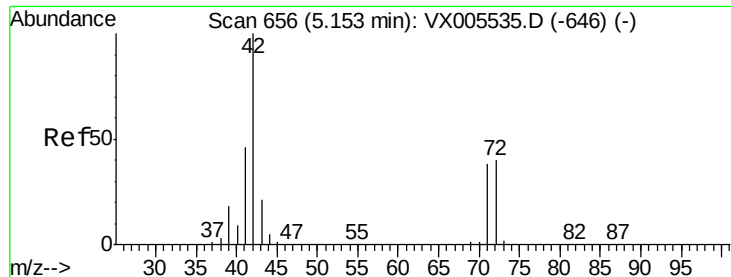


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

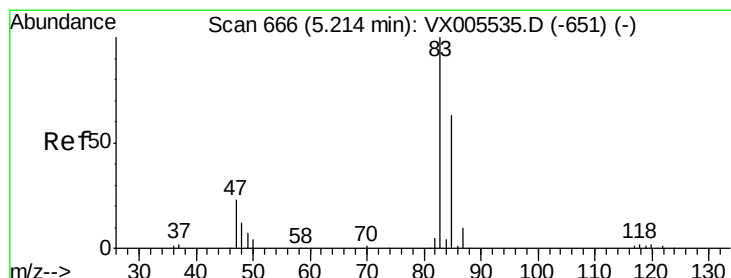
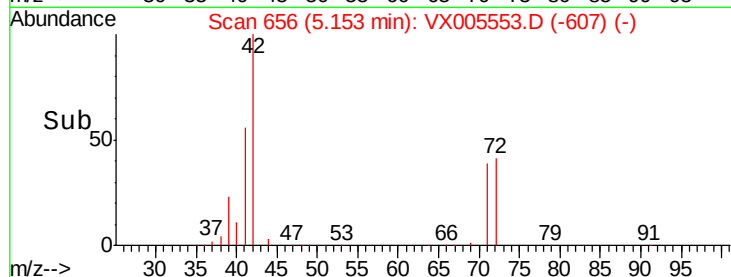
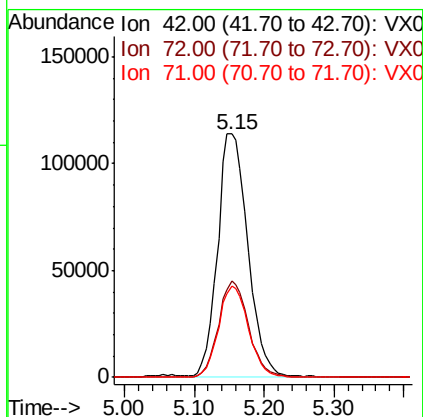
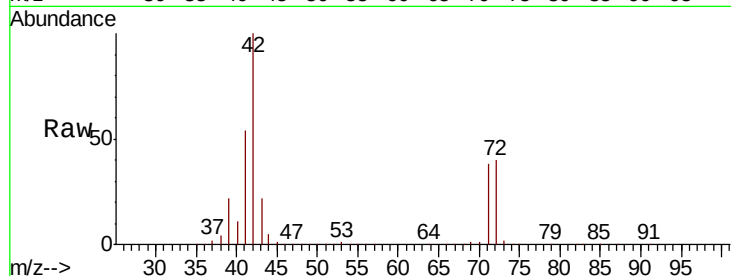




#29
Tetrahydrofuran
Concen: 254.688 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

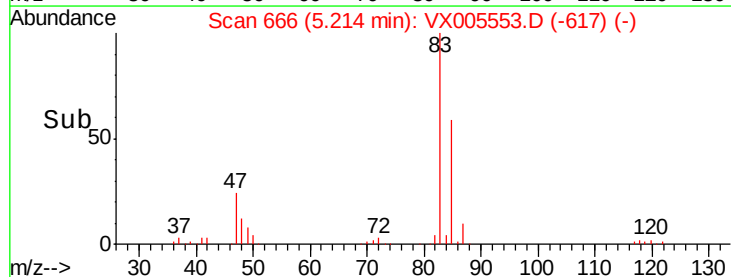
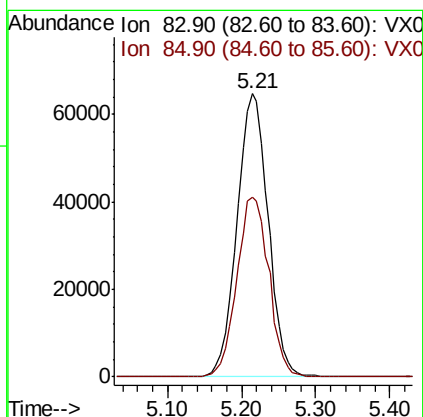
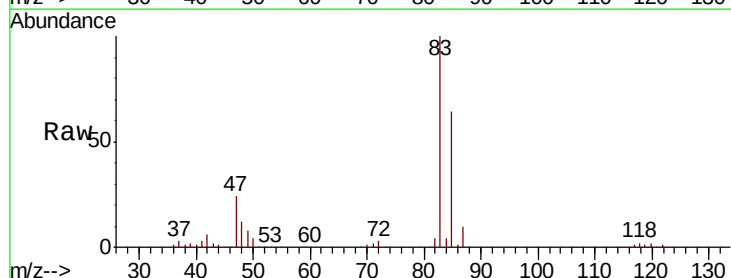
Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

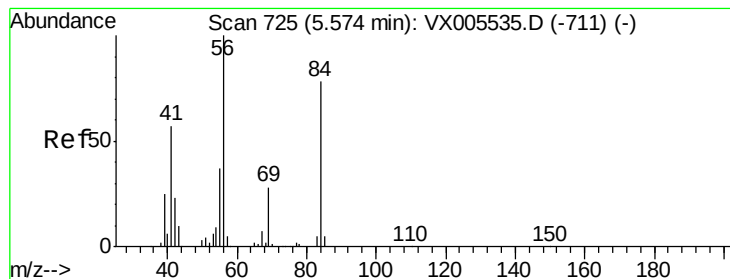
Tot Ion: 42 Resp: 342288
Ion Ratio Lower Upper
42 100
72 39.4 37.4 56.0
71 37.3 34.5 51.7



#30
Chloroform
Concen: 48.561 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 83 Resp: 189956
Ion Ratio Lower Upper
83 100
85 63.7 52.6 79.0





#31

Cyclohexane

Concen: 48.557 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

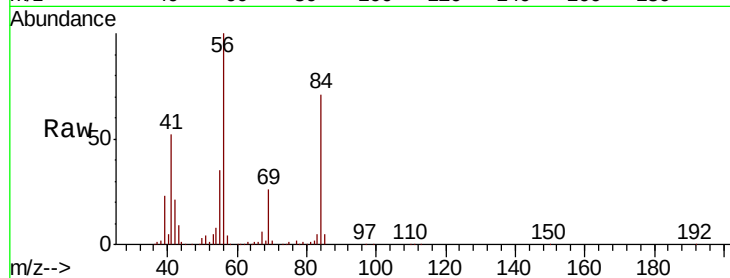
Tot Ion: 56 Resp: 168010

Ion Ratio Lower Upper

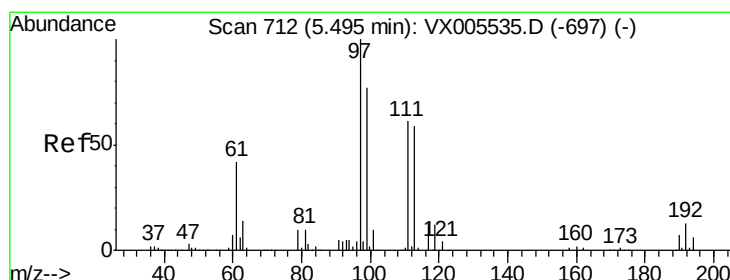
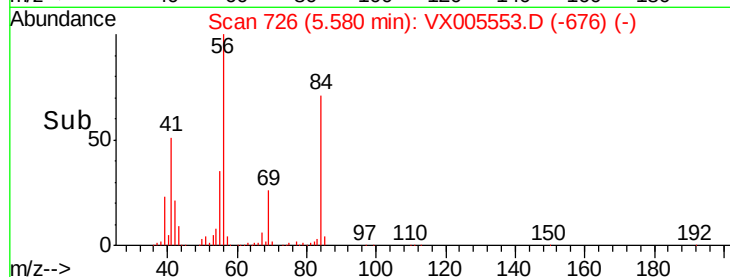
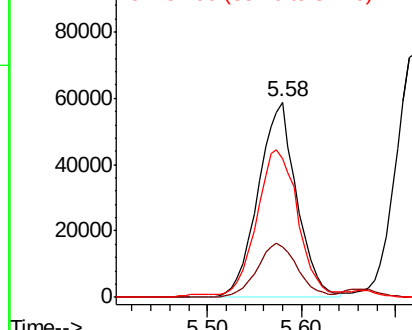
56 100

69 26.0 25.4 38.2

84 70.1 71.4 107.2#



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: 48.212 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

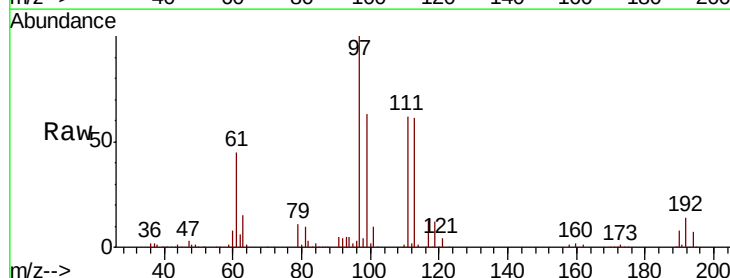
Tgt Ion: 97 Resp: 166453

Ion Ratio Lower Upper

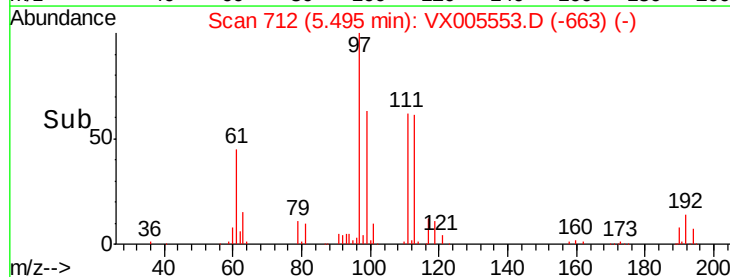
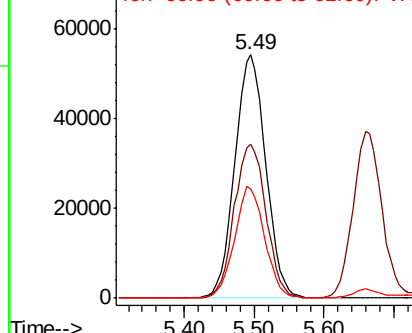
97 100

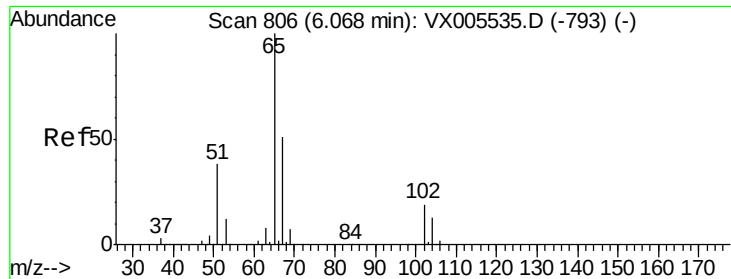
99 64.6 52.0 78.0

61 44.6 34.9 52.3



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

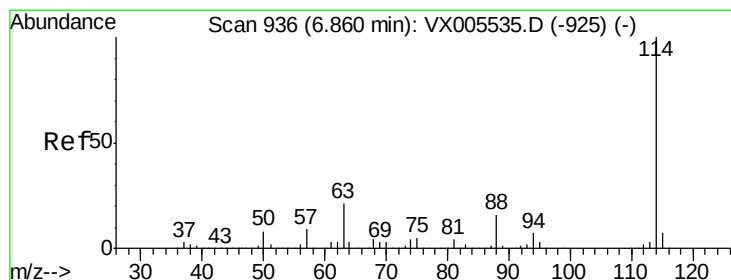
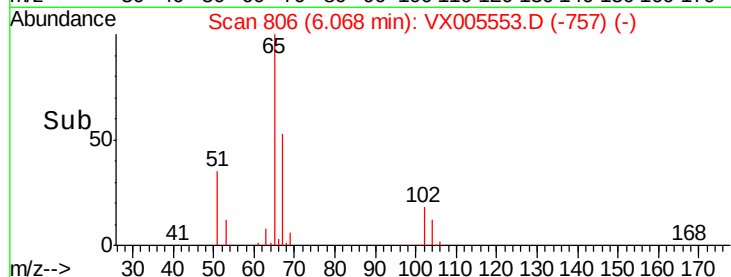
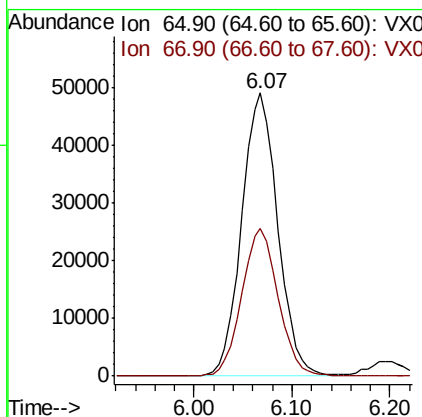
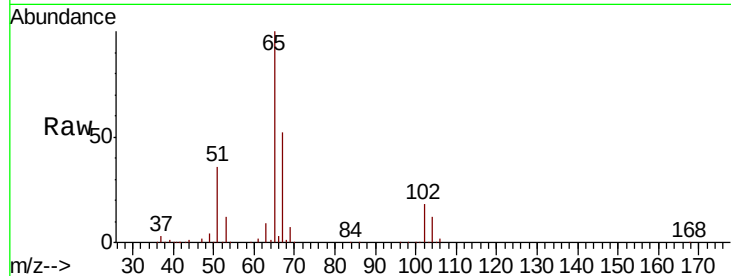




#33
 1,2-Dichloroethane-d4
 Concen: 48.932 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

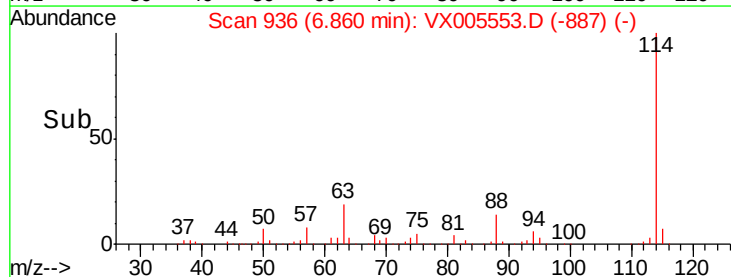
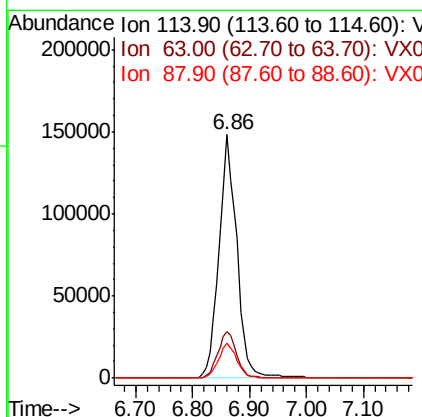
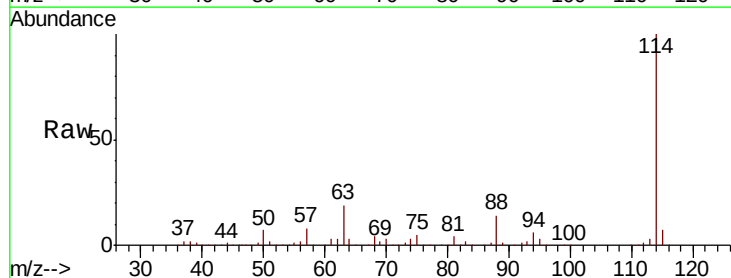
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

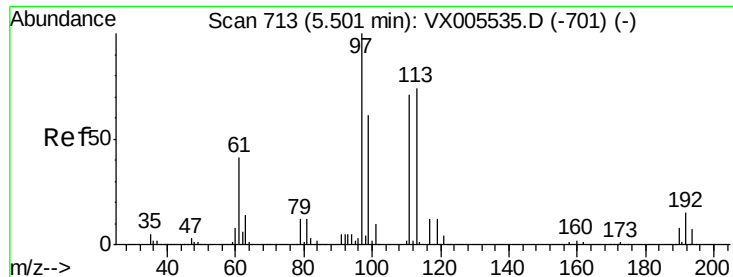
Tot Ion: 65 Resp: 125582
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 114 Resp: 324175
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 14.1 0.0 30.4

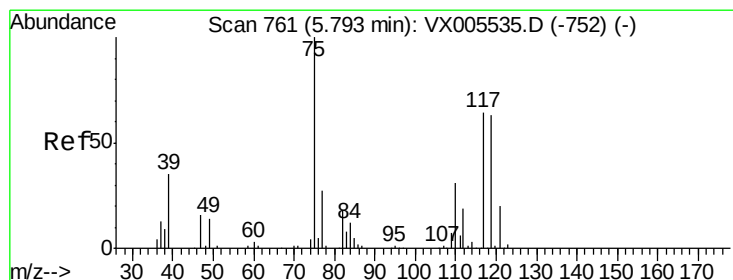
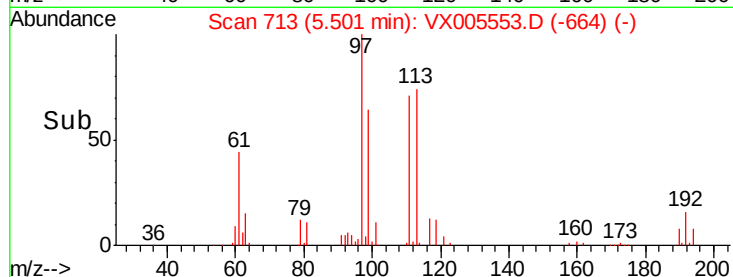
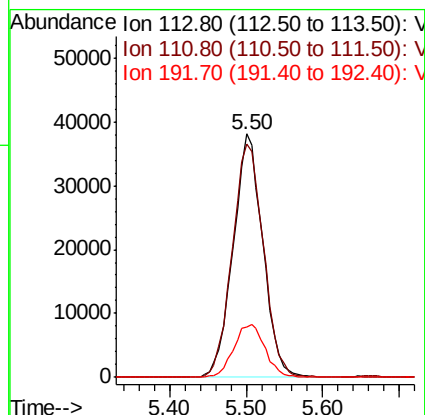
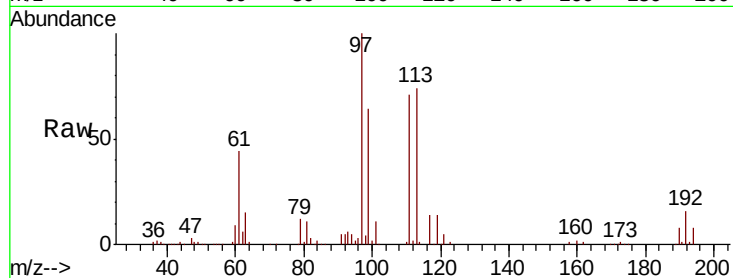




#35
 Dibromofluoromethane
 Concen: 46.538 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

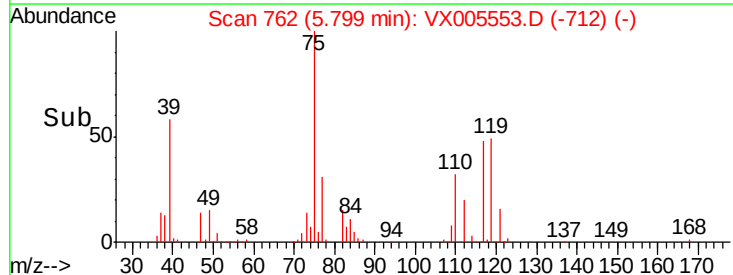
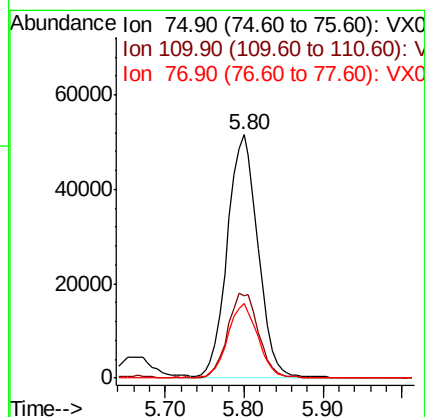
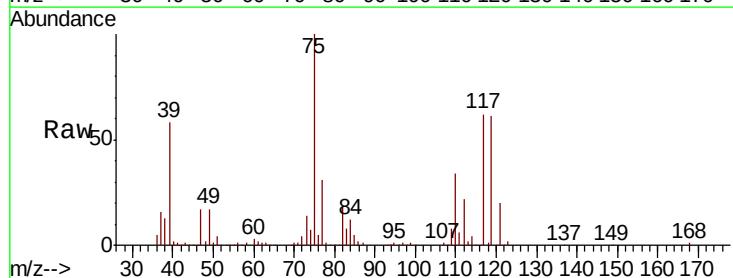
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

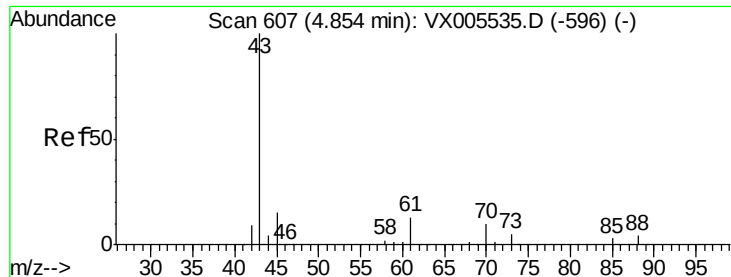
Tot Ion:113 Resp: 102153
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 23.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 44.059 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 75 Resp: 138610
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.0 54.0
 77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 43.872 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

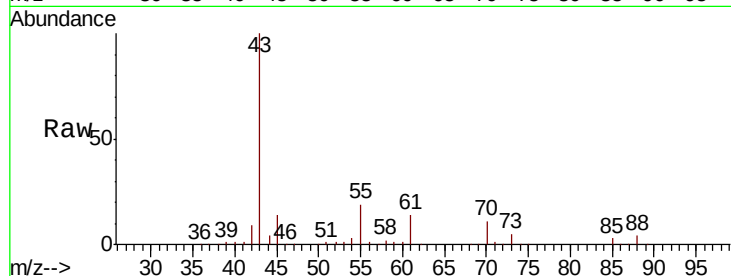
Tot Ion: 43 Resp: 176126

Ion Ratio Lower Upper

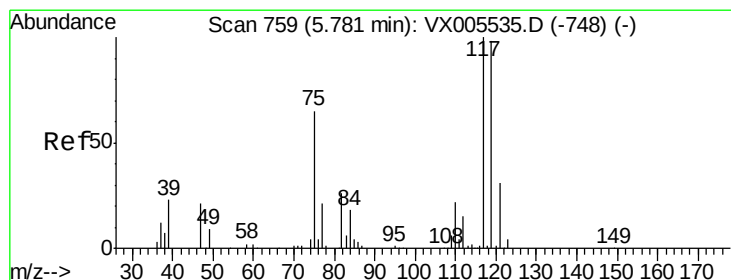
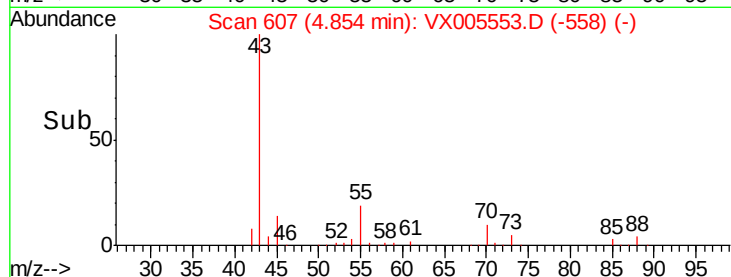
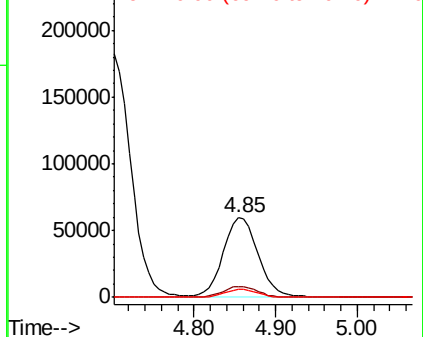
43 100

61 13.1 11.5 17.3

70 9.6 9.0 13.6



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



#38

Carbon Tetrachloride

Concen: 44.105 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

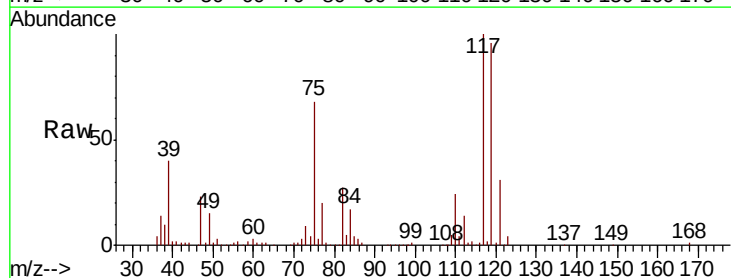
Tgt Ion: 117 Resp: 146138

Ion Ratio Lower Upper

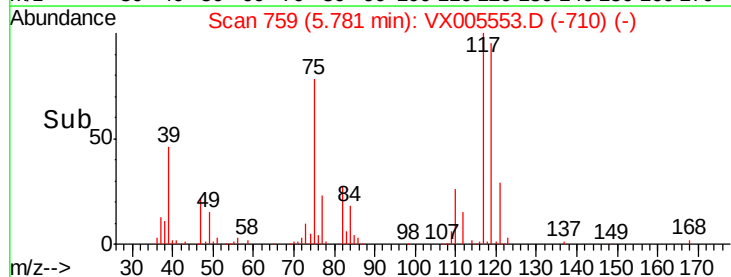
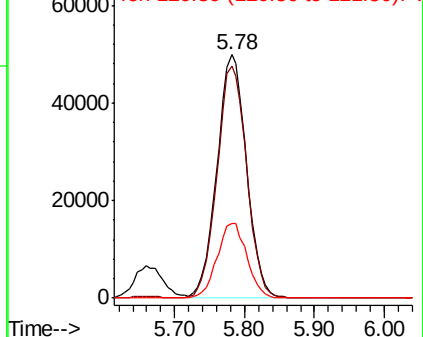
117 100

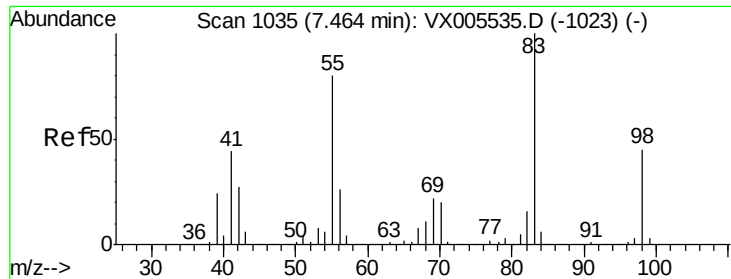
119 95.6 78.8 118.2

121 30.9 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

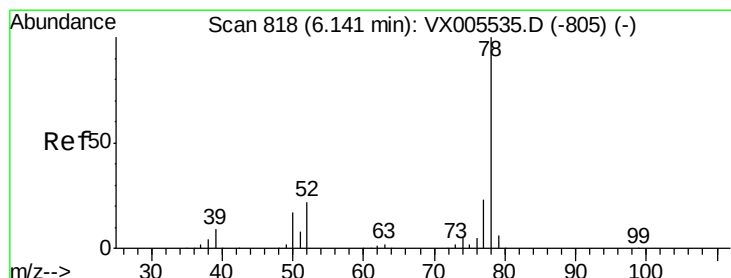
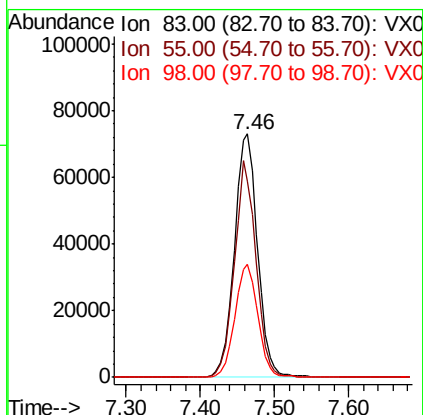
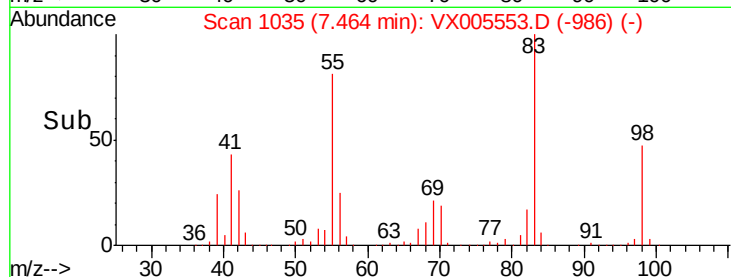
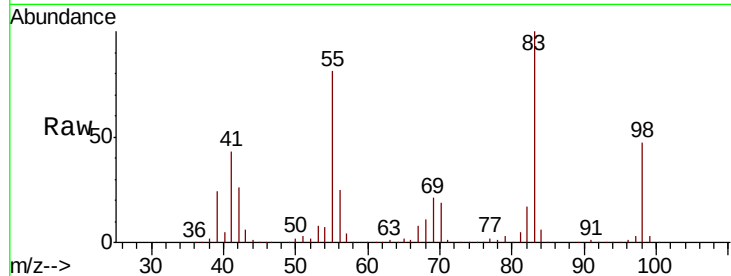




#39
Methylvlcyclohexane
Concen: 45.973 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

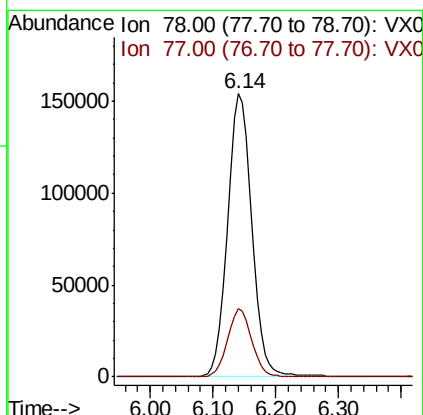
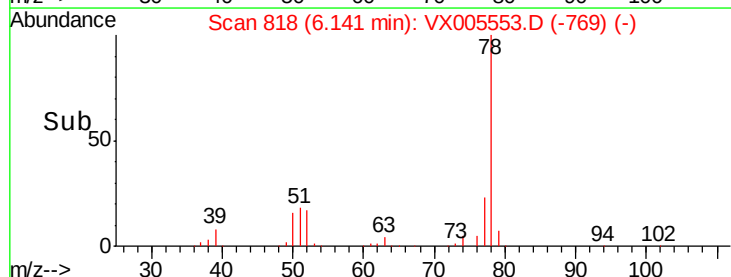
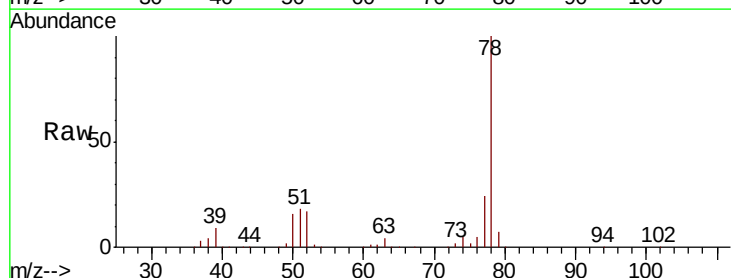
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

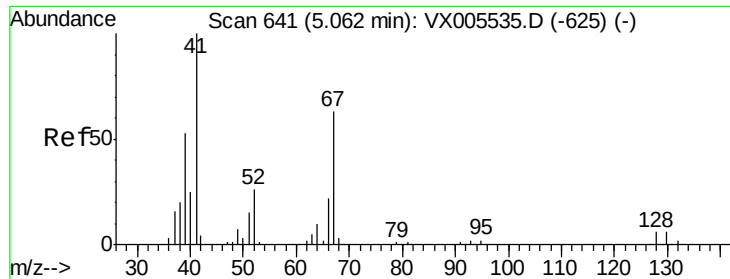
Tot Ion: 83 Resp: 159705
Ion Ratio Lower Upper
83 100
55 80.7 61.0 91.4
98 46.5 39.6 59.4



#40
Benzene
Concen: 45.915 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 78 Resp: 414071
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

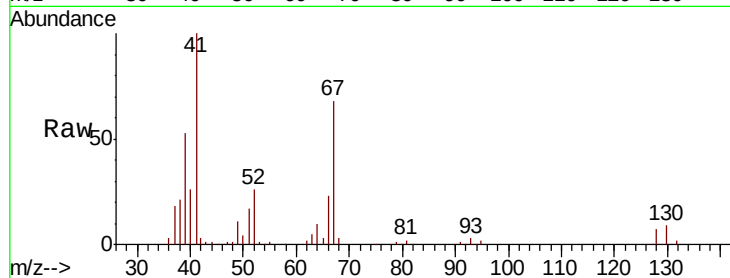




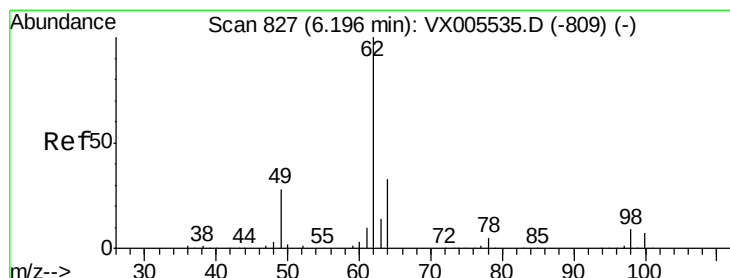
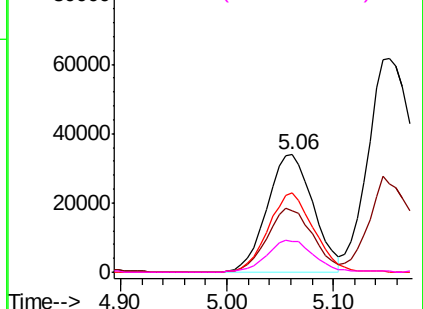
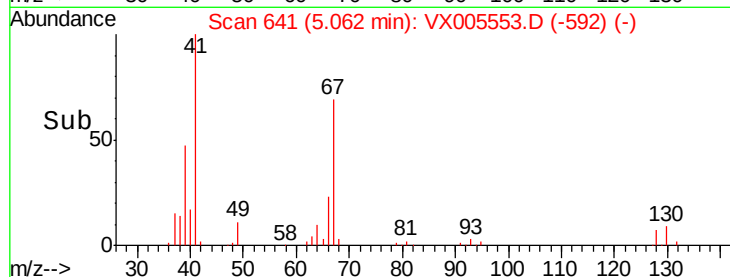
#41
Methacrylonitrile
Concen: 45.380 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion:	41	Resp:	101479
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.4	63.6
67	67.0	59.2	88.8
52	27.4	23.0	34.4

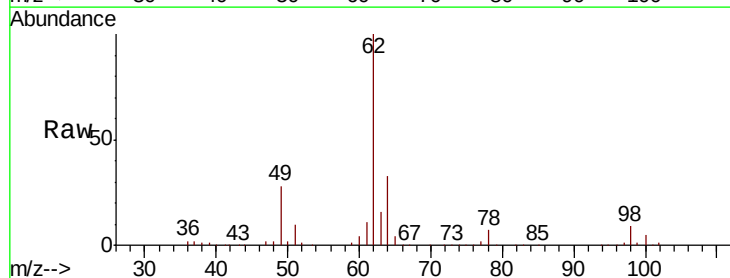


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

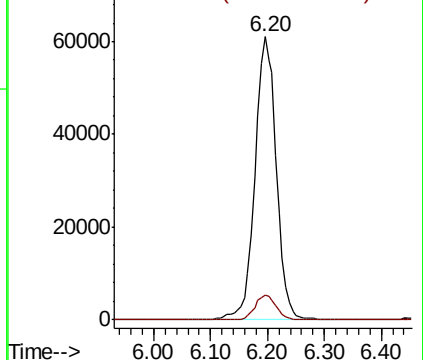
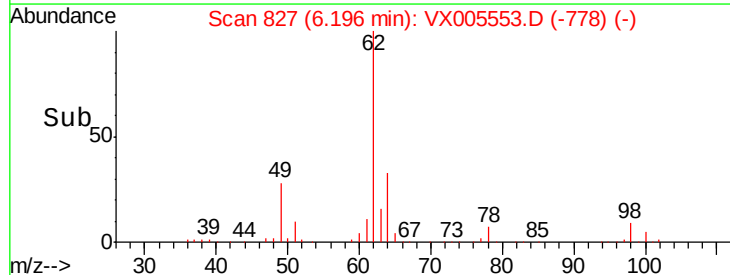


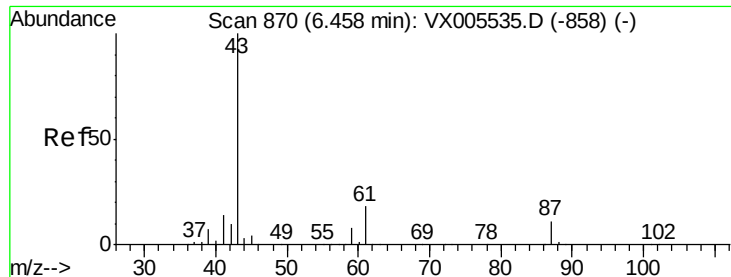
#42
1,2-Dichloroethane
Concen: 46.200 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tgt Ion:	62	Resp:	158279
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.824 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

S37-0008MS

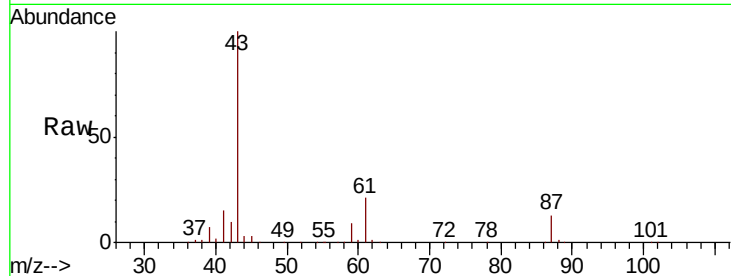
Tot Ion: 43 Resp: 269652

Ion Ratio Lower Upper

43 100

61 19.7 17.0 25.4

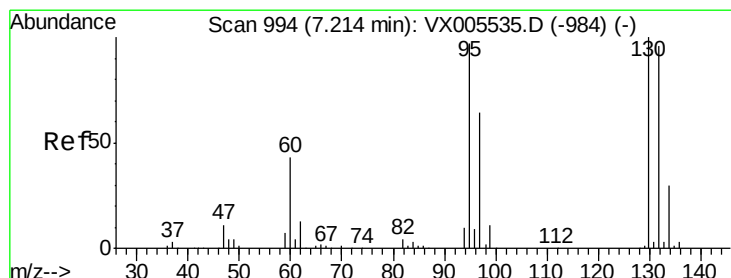
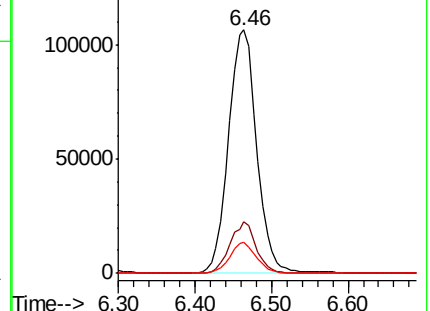
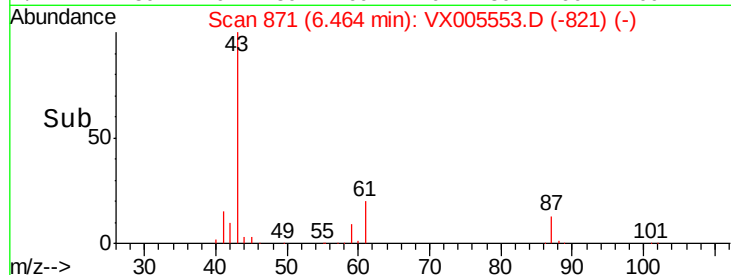
87 12.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.030 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005553.D

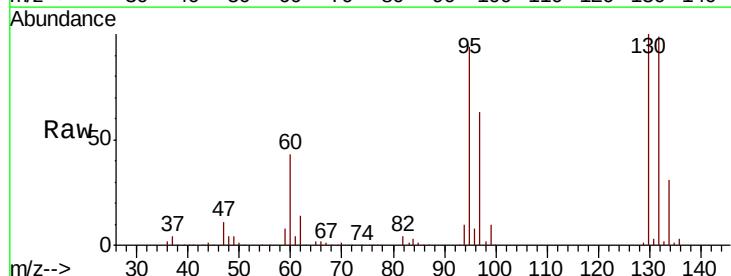
Acq: 24 Oct 2018 20:32

Tgt Ion:130 Resp: 113086

Ion Ratio Lower Upper

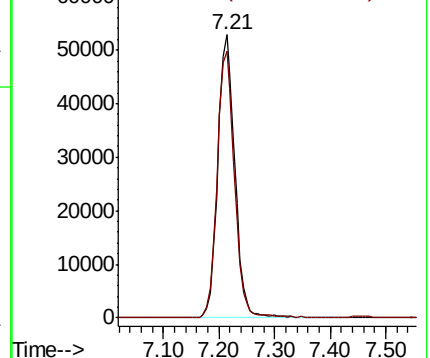
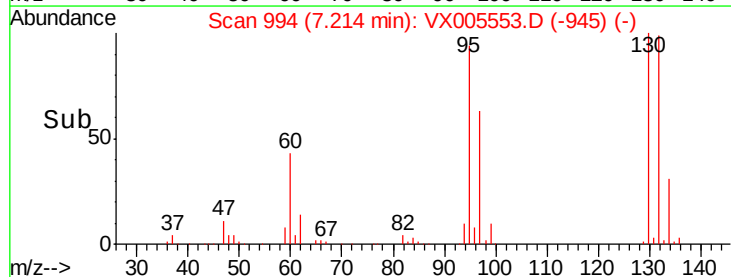
130 100

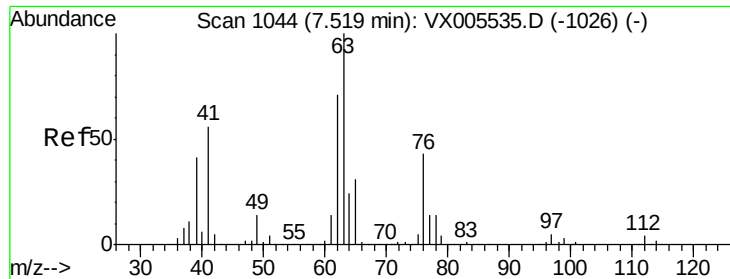
95 94.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

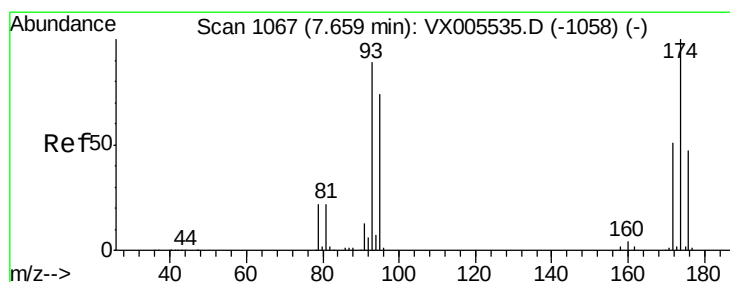
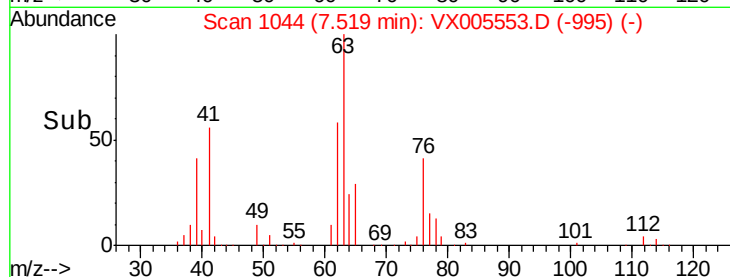
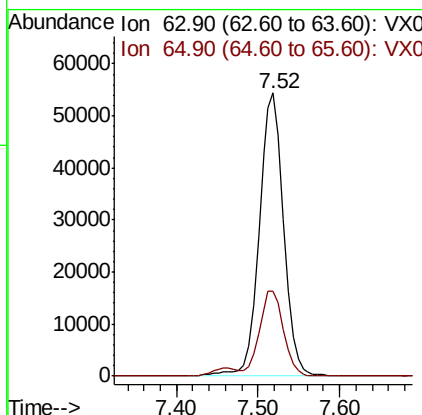
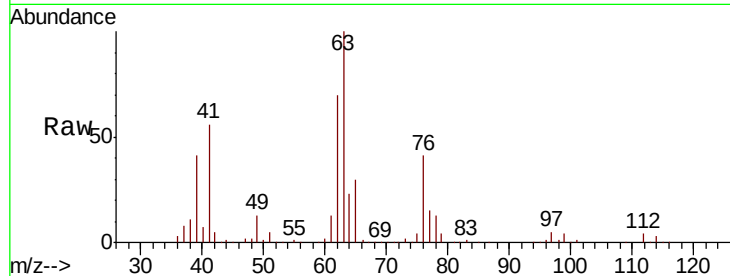




#45
 1,2-Dichloropropane
 Concen: 46.644 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

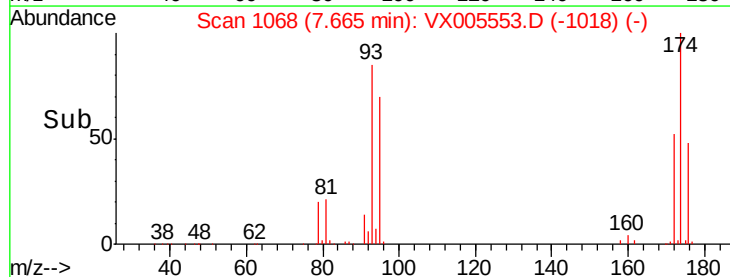
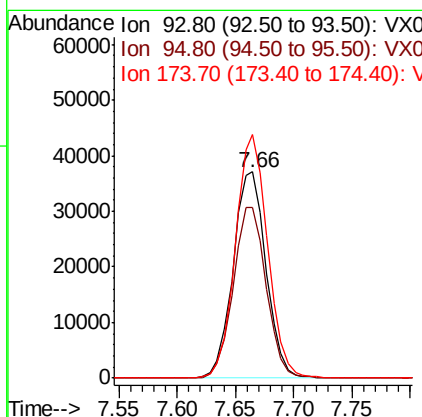
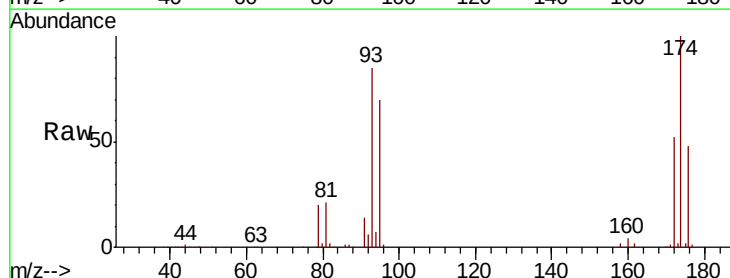
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

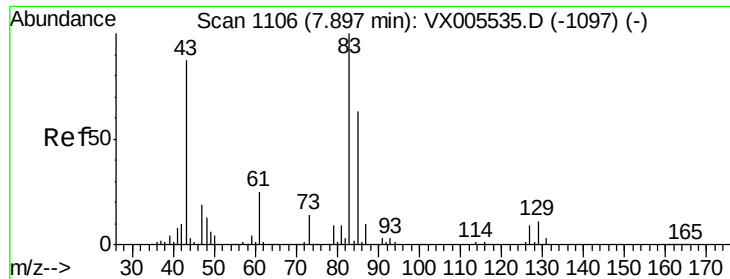
Tot Ion: 63 Resp: 113093
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 46.627 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 93 Resp: 73015
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 115.5 94.2 141.4





#47

Bromodichloromethane

Concen: 47.112 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

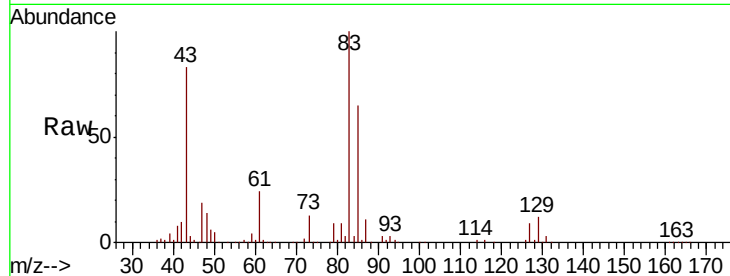
Tot Ion: 83 Resp: 143188

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

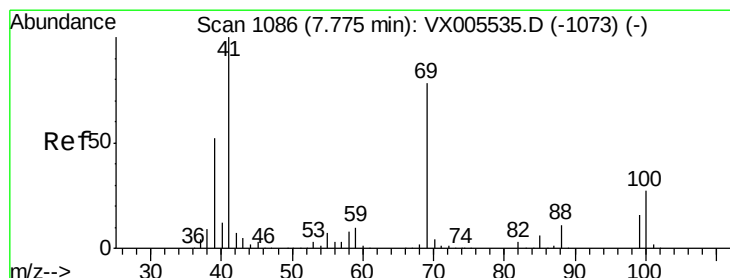
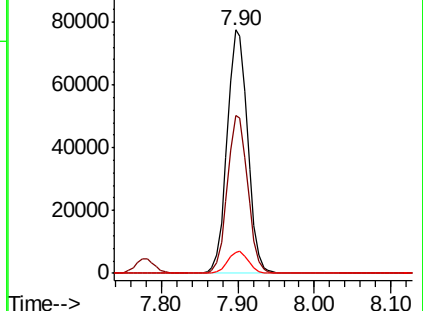
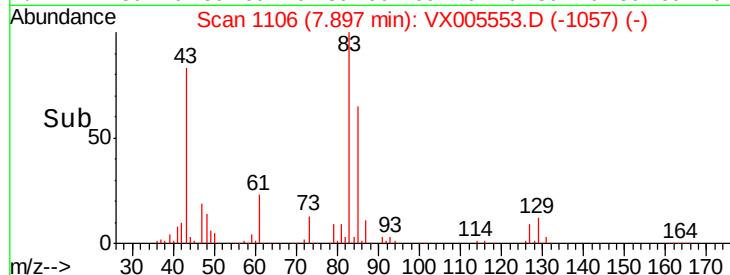
127 8.8 7.3 10.9



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: 49.704 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

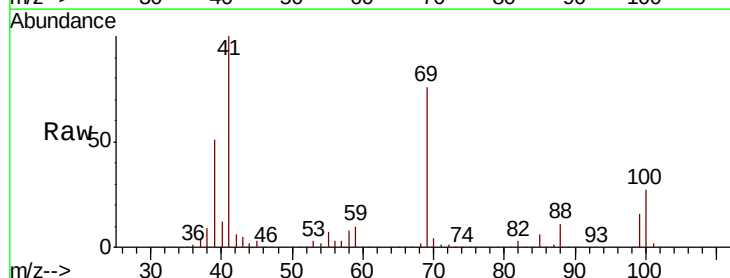
Tgt Ion: 41 Resp: 145667

Ion Ratio Lower Upper

41 100

69 78.5 70.2 105.4

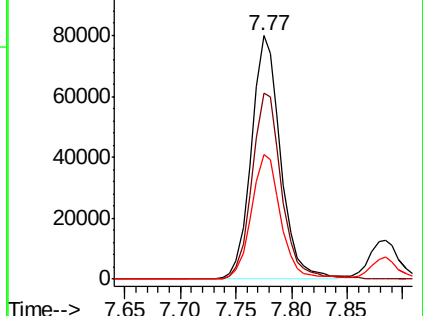
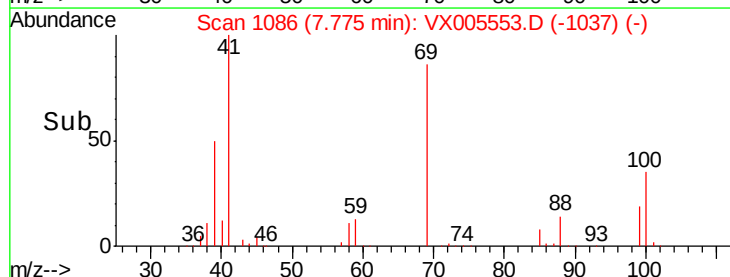
39 51.6 42.7 64.1

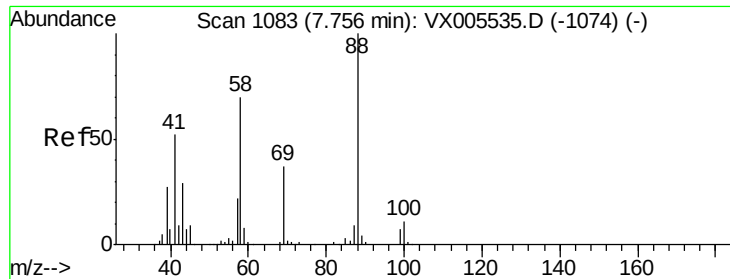


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

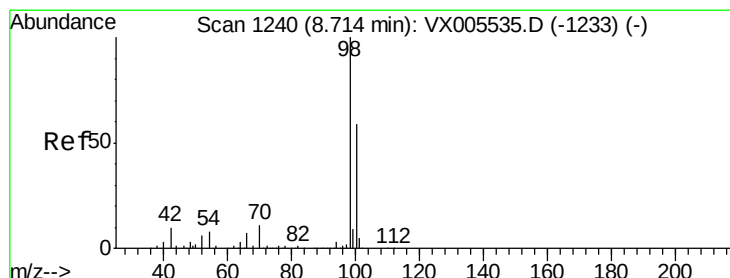
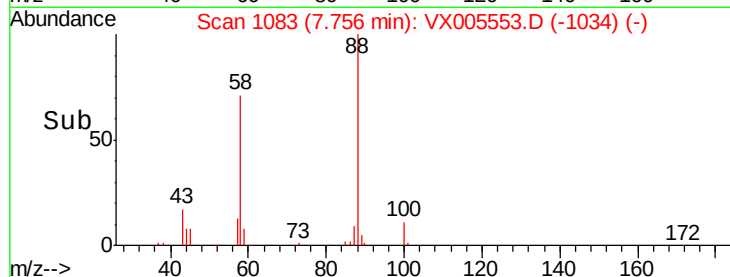
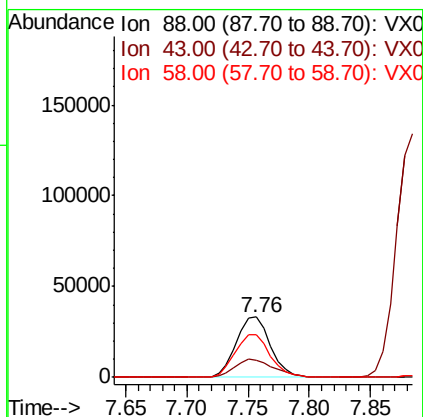
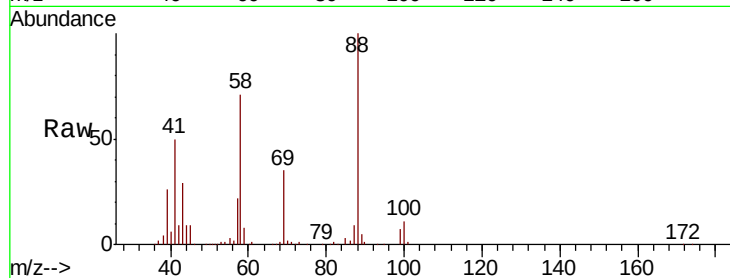




#49
1,4-Dioxane
Concen: 1008.817 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

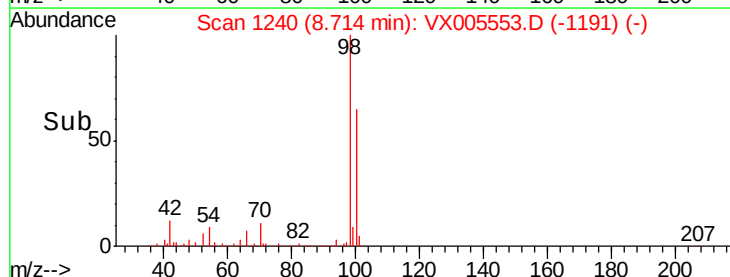
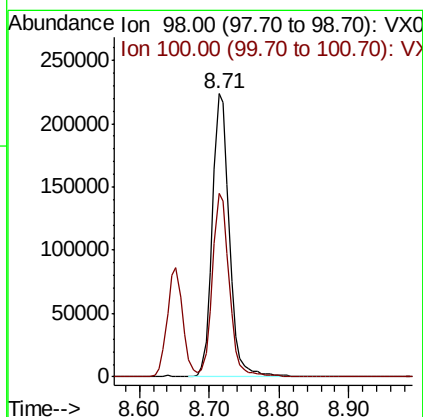
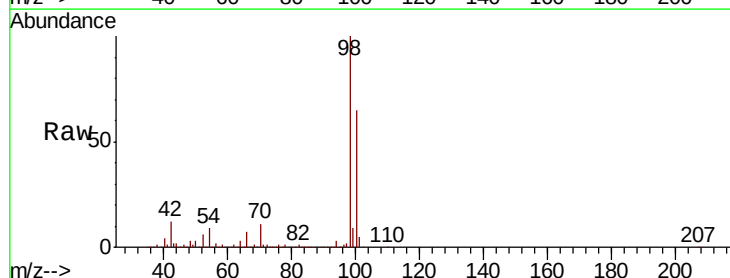
Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

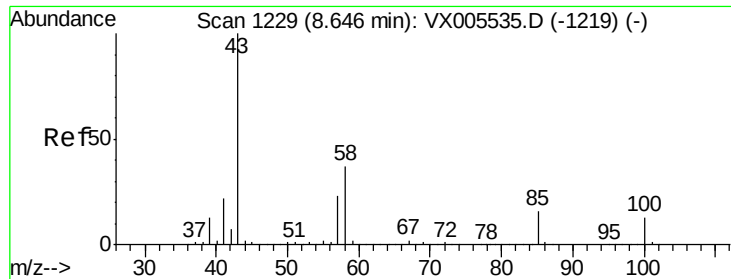
Tot Ion: 88 Resp: 64610
Ion Ratio Lower Upper
88 100
43 34.3 24.7 37.1
58 73.9 55.3 82.9



#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 98 Resp: 377536
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

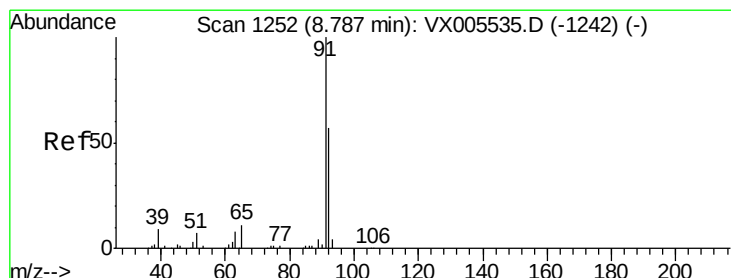
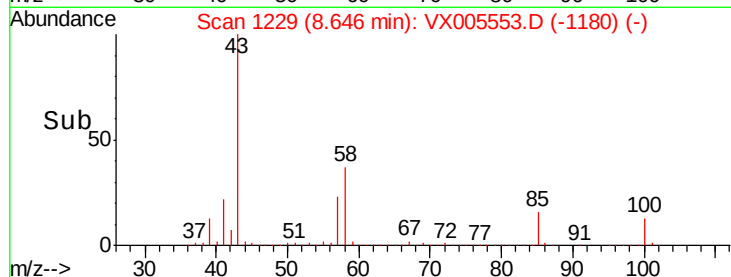
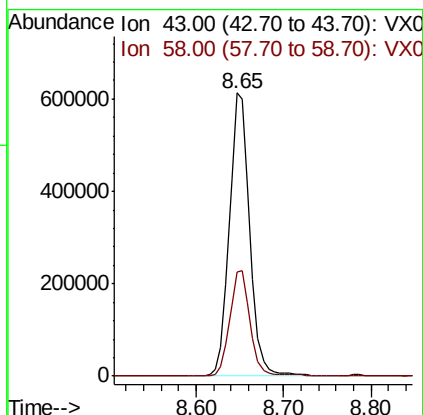
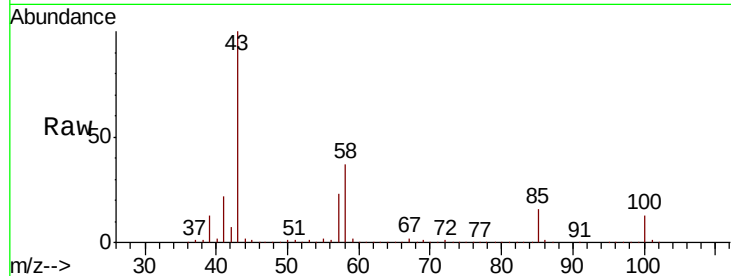




#51
 4-Methyl-2-Pentanone
 Concen: 245.162 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

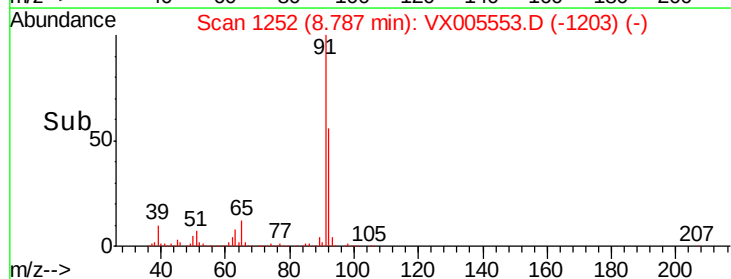
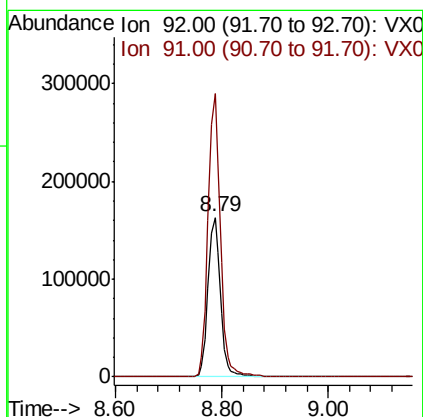
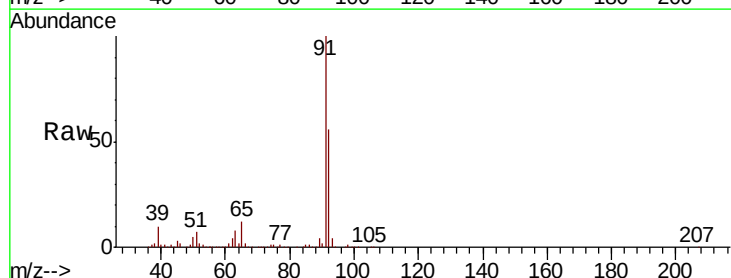
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

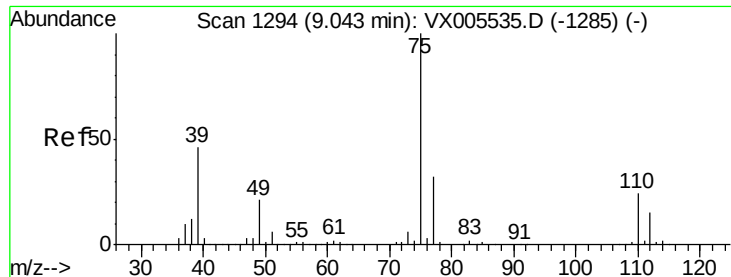
Tot Ion: 43 Resp: 991194
 Ion Ratio Lower Upper
 43 100
 58 37.1 33.1 49.7



#52
 Toluene
 Concen: 47.810 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 92 Resp: 262039
 Ion Ratio Lower Upper
 92 100
 91 175.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 47.939 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

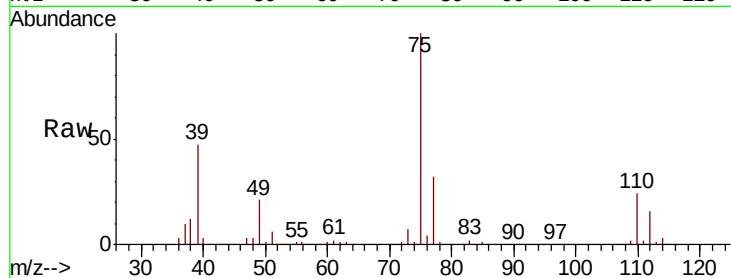
S37-0008MS

Tot Ion: 75 Resp: 157468

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

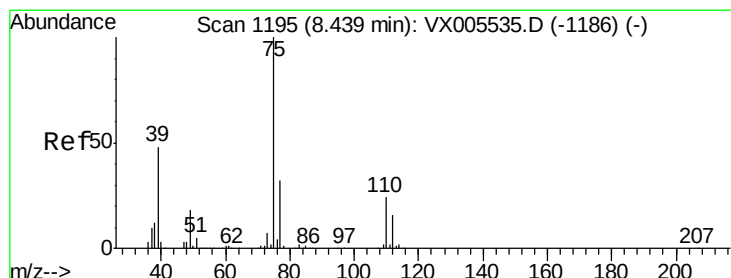
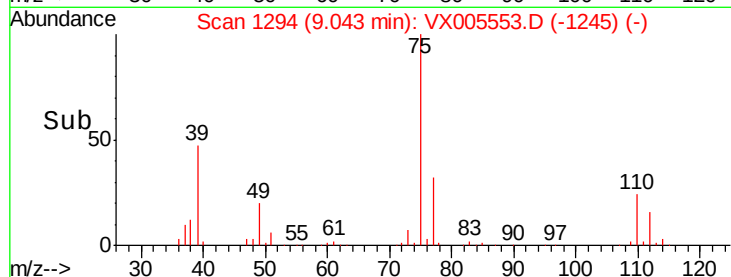
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.670 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

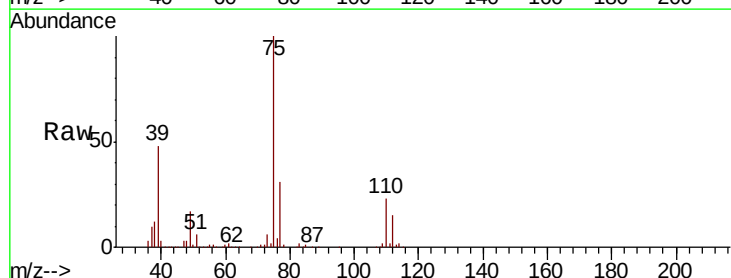
Tgt Ion: 75 Resp: 165050

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 47.9 36.4 54.6



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

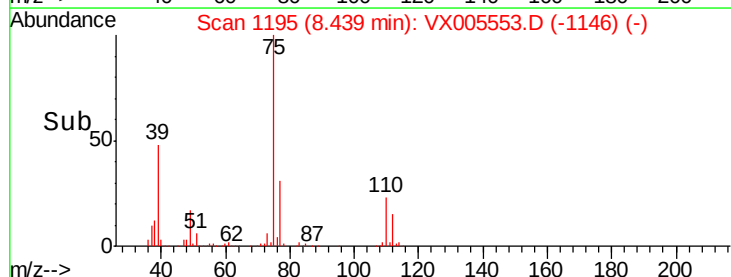
8.44

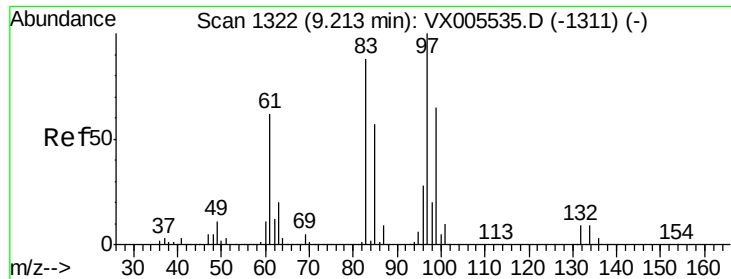
100000

50000

0

Time-->

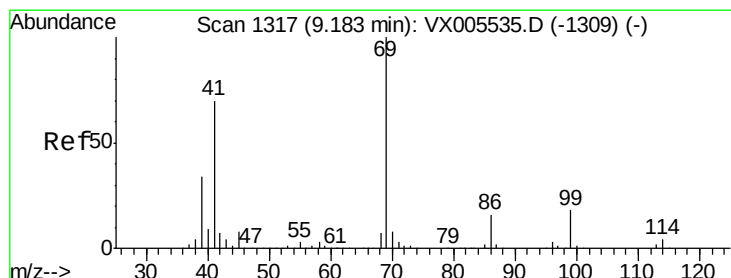
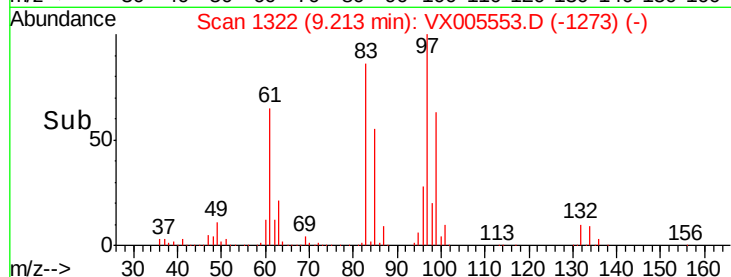
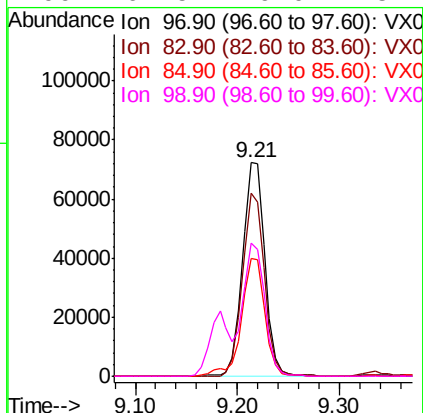
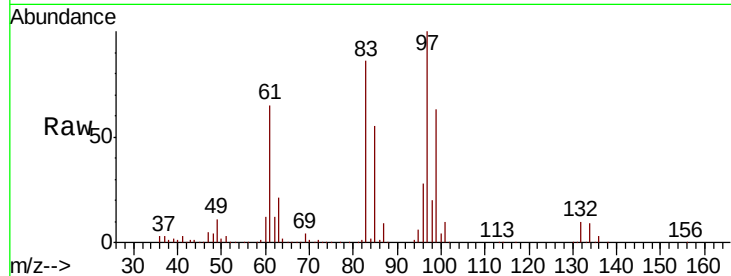




#55
 1,1,2-Trichloroethane
 Concen: 47.441 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

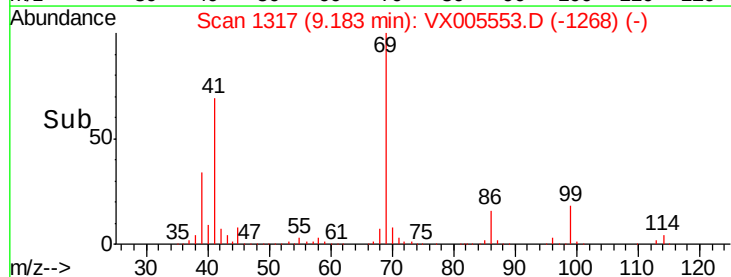
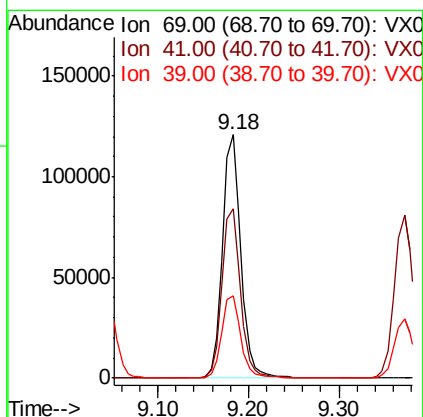
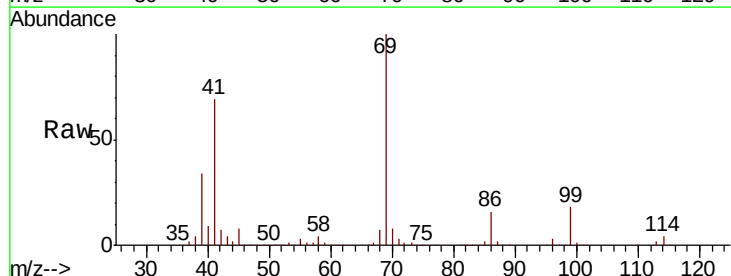
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

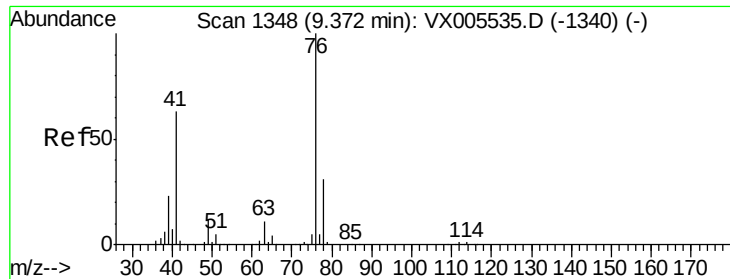
Tot Ion:	97	Resp:	109626
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.4	99.6
85	55.4	43.3	64.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 49.518 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion:	69	Resp:	170673
Ion	Ratio	Lower	Upper
69	100		
41	70.7	51.0	76.4
39	35.2	26.1	39.1

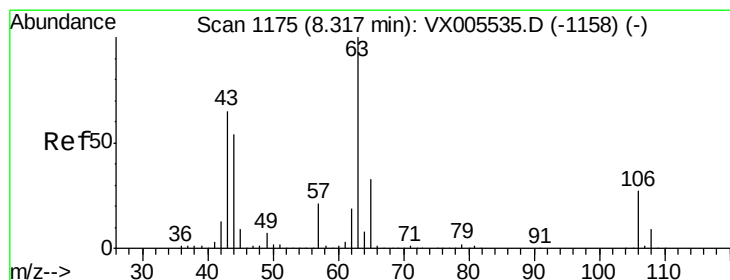
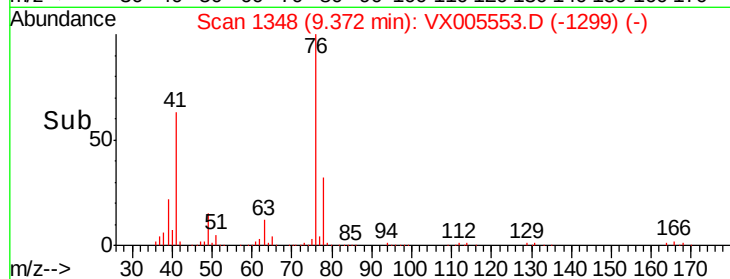
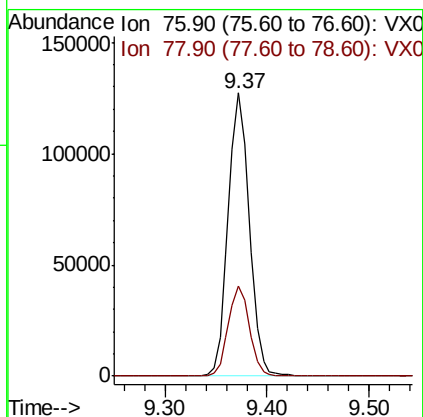
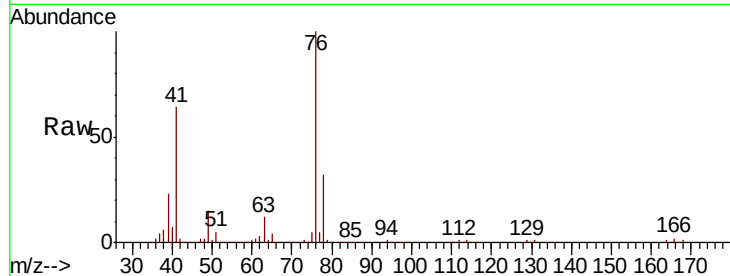




#57
 1,3-Dichloropropane
 Concen: 46.858 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

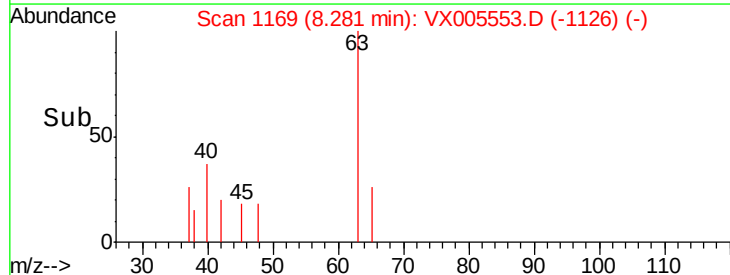
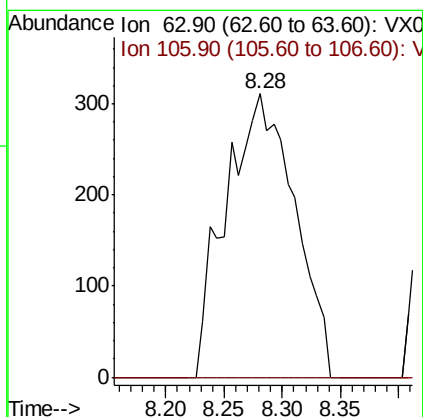
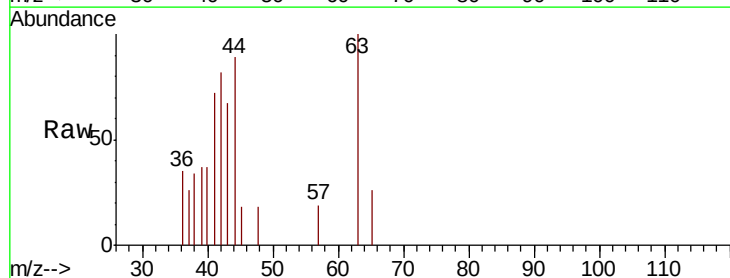
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

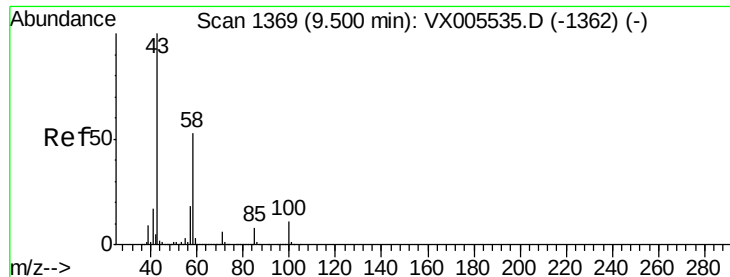
Tot Ion: 76 Resp: 183211
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.663 ug/l
 RT: 8.28 min Scan# 1169
 Delta R.T. -0.04 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 63 Resp: 1276
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

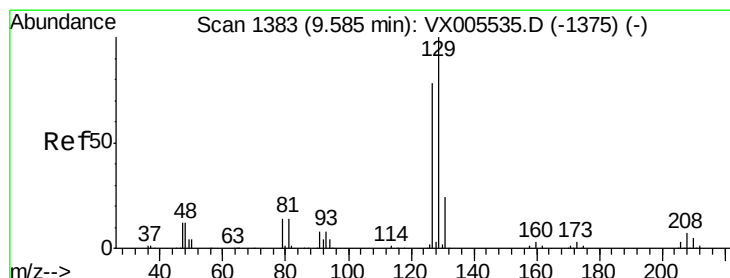
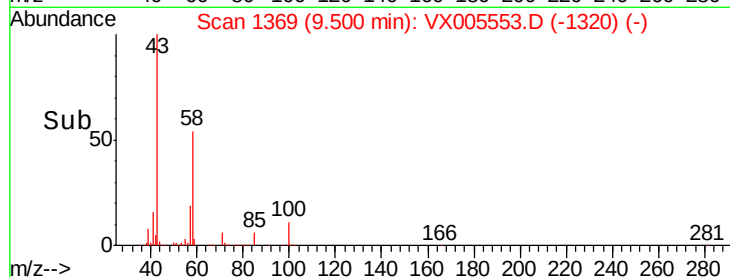
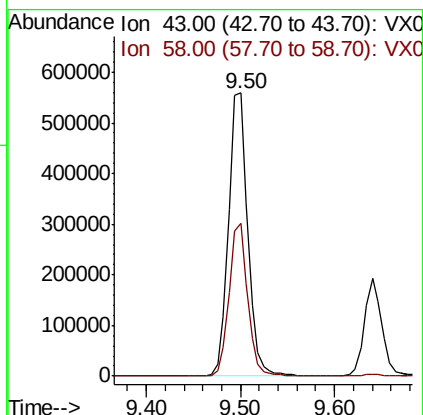
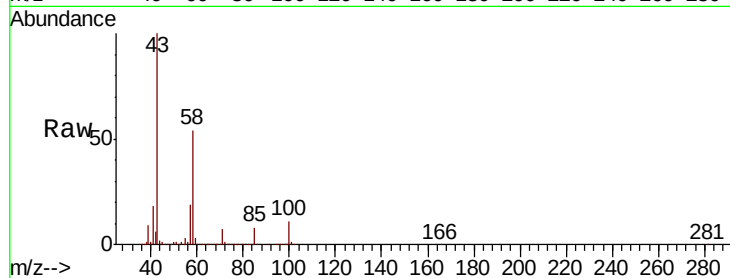




#59
2-Hexanone
Concen: 248.847 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

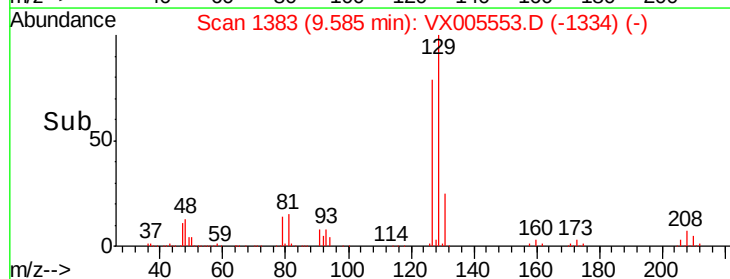
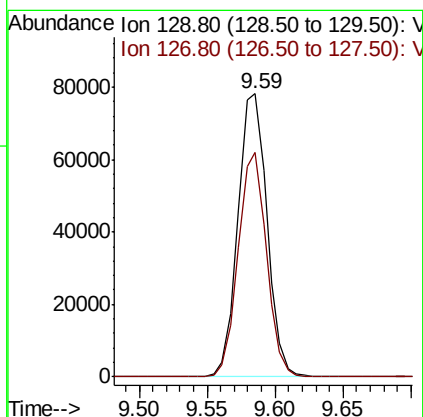
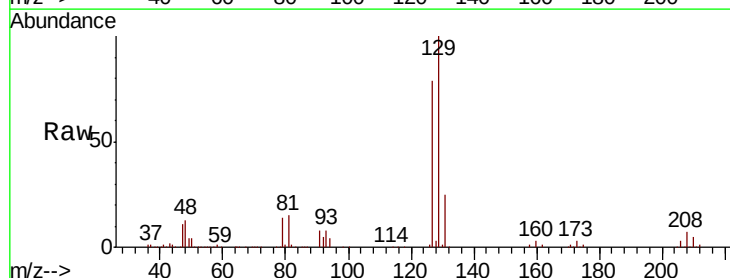
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

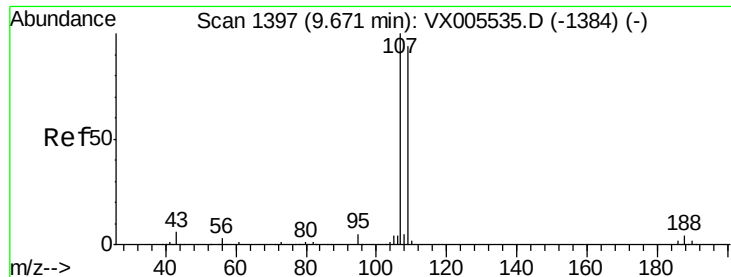
Tot Ion: 43 Resp: 793253
Ion Ratio Lower Upper
43 100
58 52.4 29.0 87.0



#60
Dibromochloromethane
Concen: 48.472 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 129 Resp: 116863
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.768 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

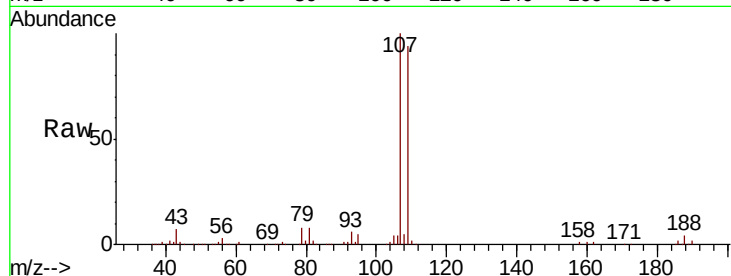
S37-0008MS

Tot Ion:107 Resp: 114195

Ion Ratio Lower Upper

107 100

109 93.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

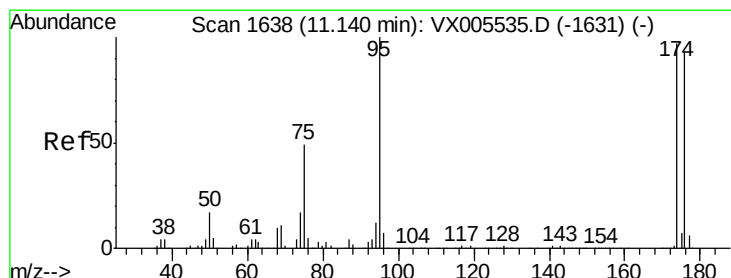
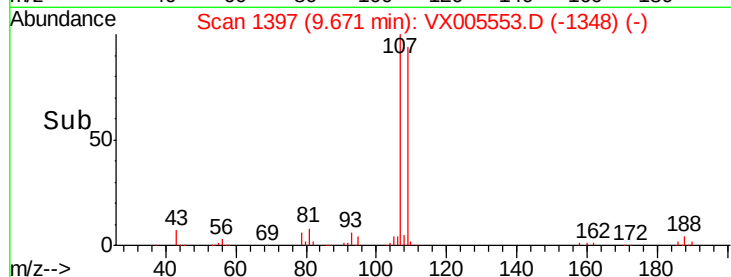
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.038 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

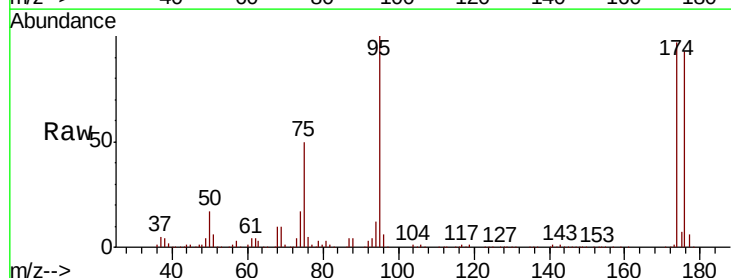
Tgt Ion: 95 Resp: 143086

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 88.5 0.0 178.6



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

150000

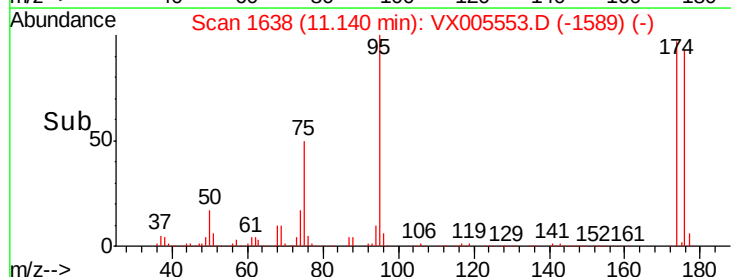
100000

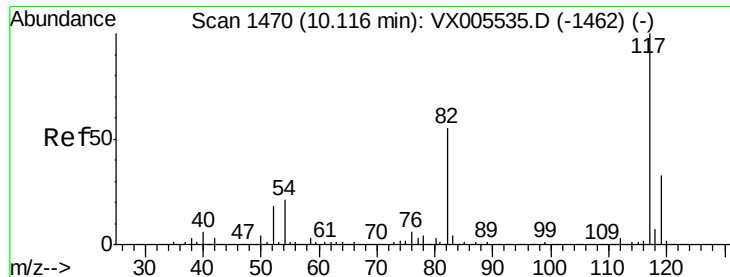
50000

0

11.10 11.20

Time-->

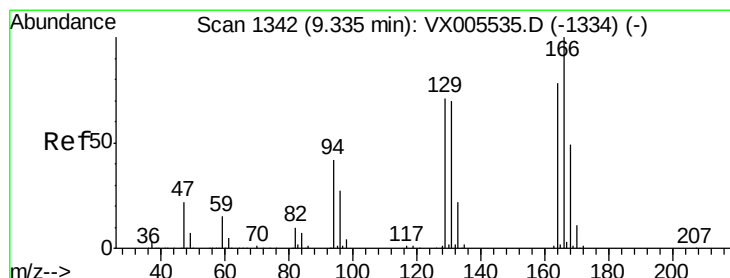
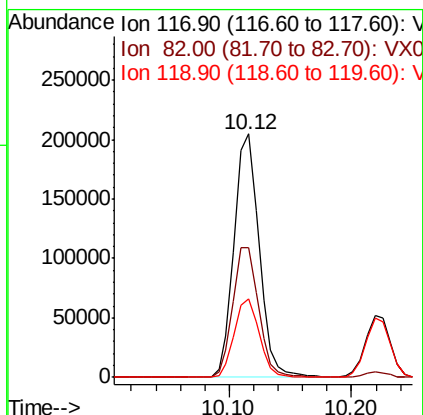
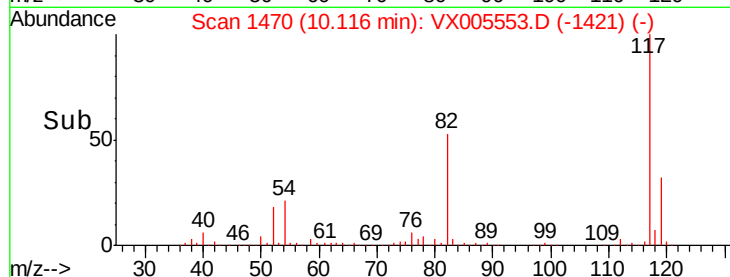
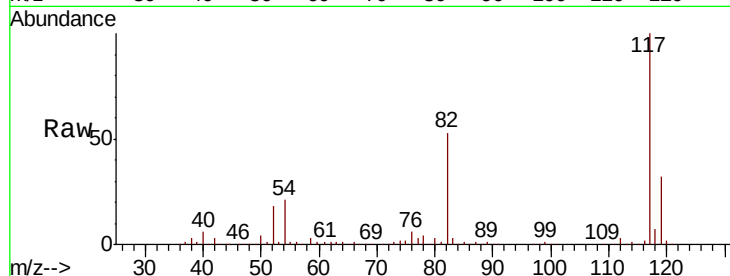




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

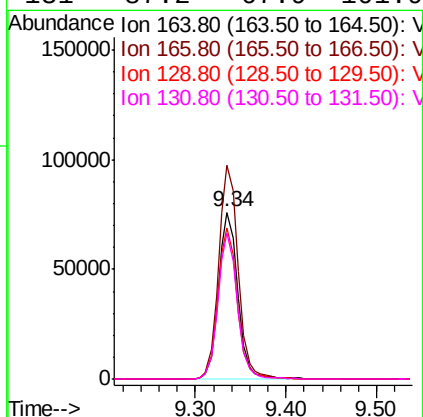
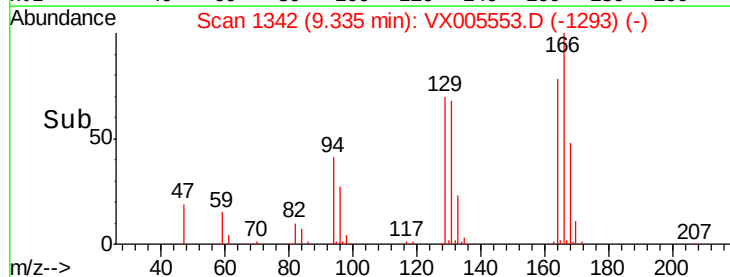
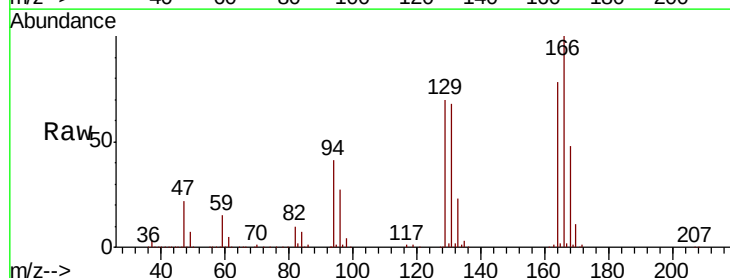
Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

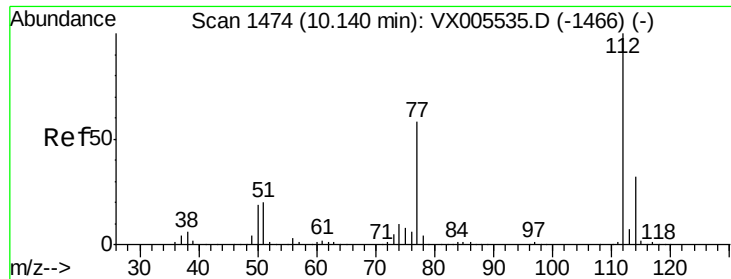
Tot Ion:117 Resp: 291240
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 47.022 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion:164 Resp: 113684
Ion Ratio Lower Upper
164 100
166 128.1 102.8 154.2
129 90.3 69.4 104.0
131 87.2 67.9 101.9

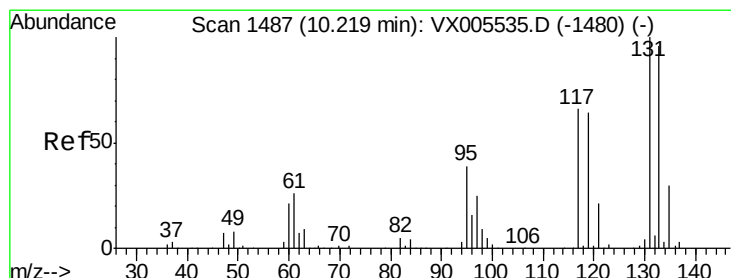
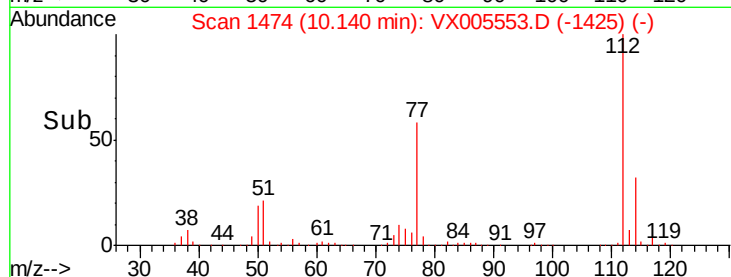
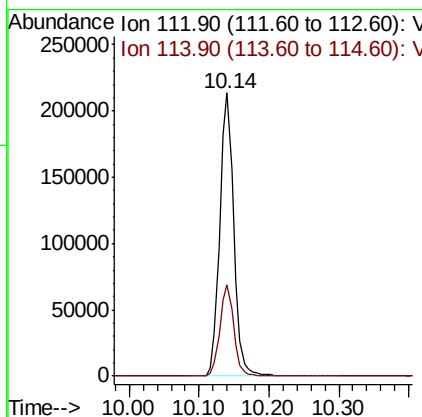
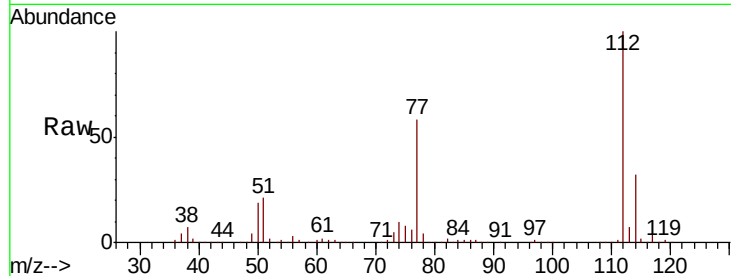




#65
Chlorobenzene
Concen: 47.927 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

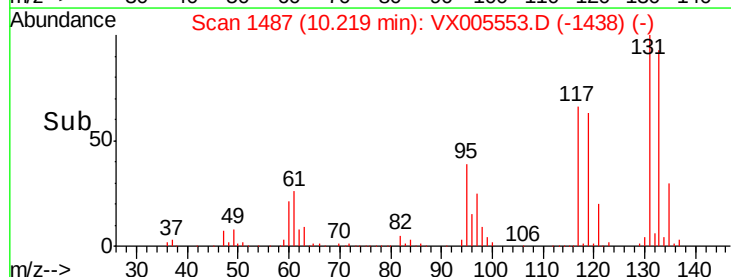
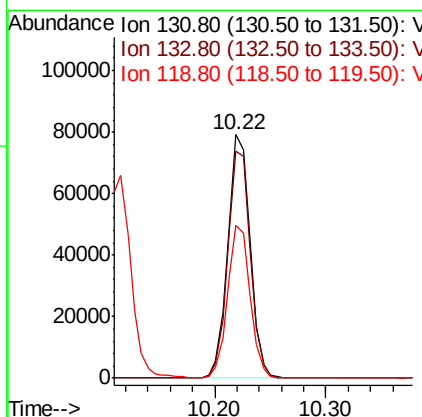
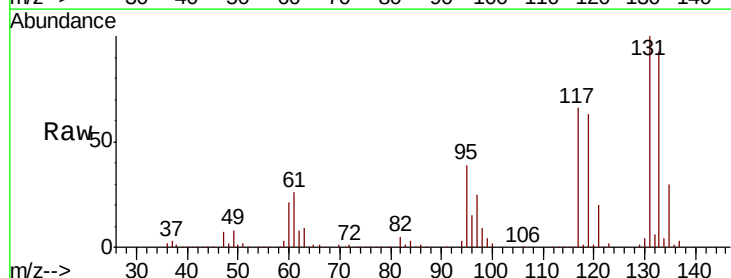
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

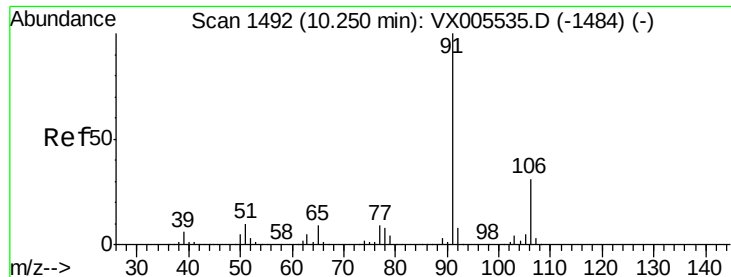
Tot Ion:112 Resp: 297232
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.510 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion:131 Resp: 109699
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 63.3 32.9 98.6





#67

Ethyl Benzene

Concen: 50.380 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

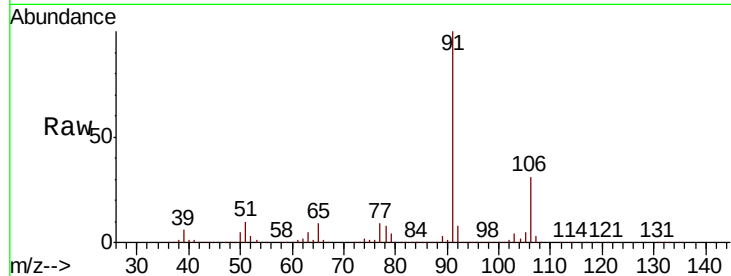
S37-0008MS

Tot Ion: 91 Resp: 514059

Ion Ratio Lower Upper

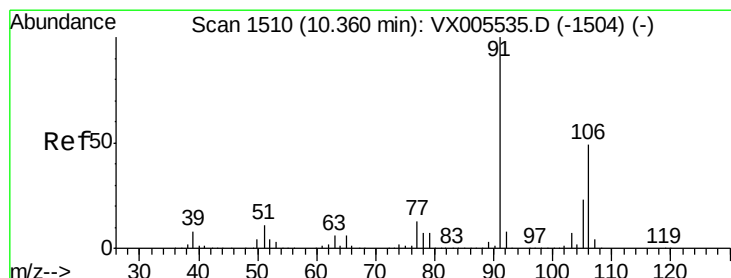
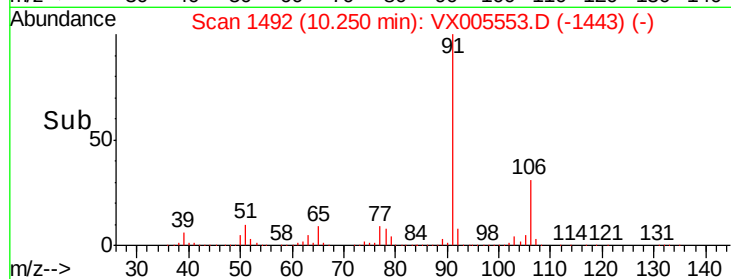
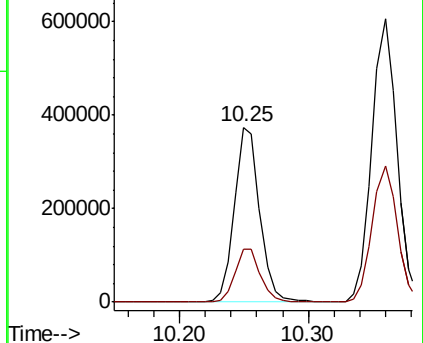
91 100

106 30.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.390 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005553.D

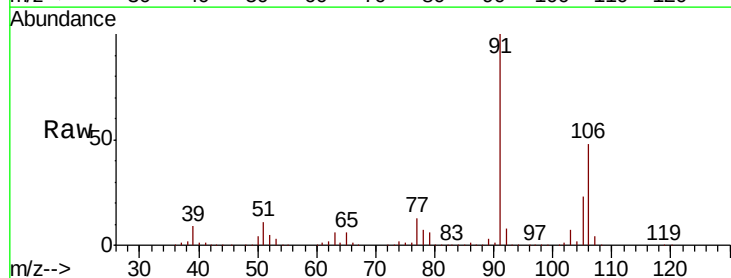
Acq: 24 Oct 2018 20:32

Tgt Ion:106 Resp: 397418

Ion Ratio Lower Upper

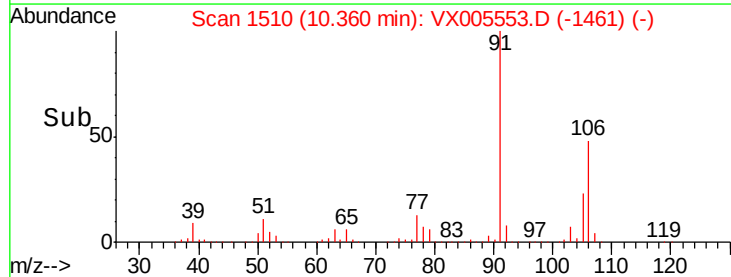
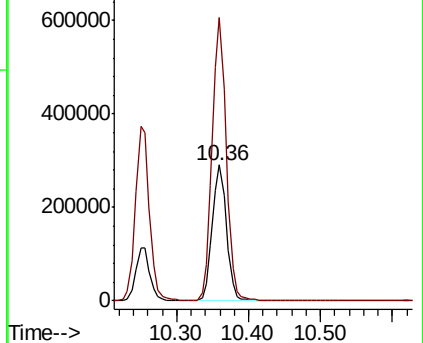
106 100

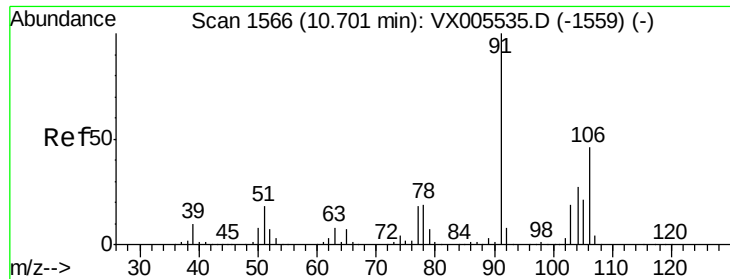
91 205.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

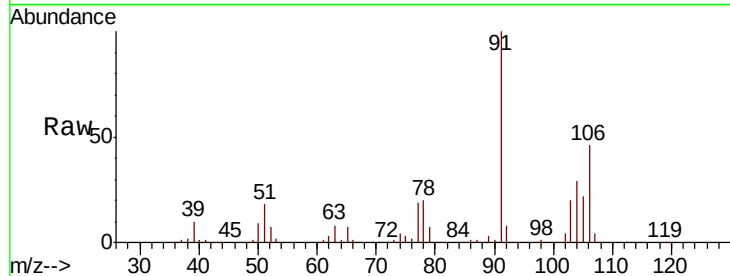




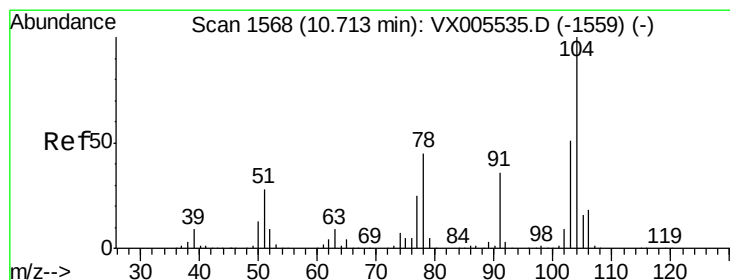
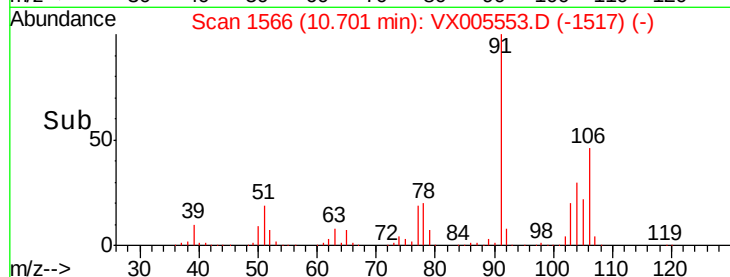
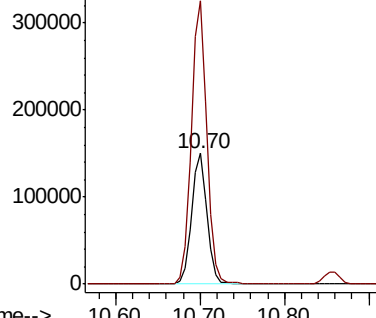
#69
o-Xylene
Concen: 51.083 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

Tot Ion:106 Resp: 190256
Ion Ratio Lower Upper
106 100
91 217.8 105.1 315.1

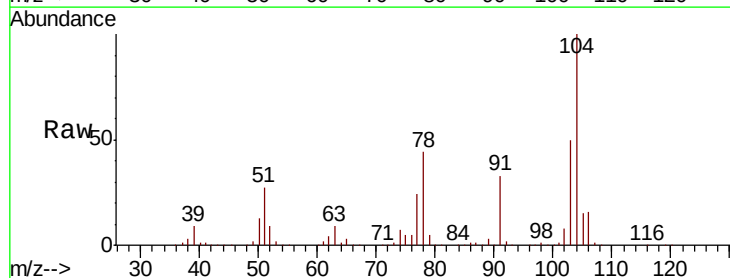


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

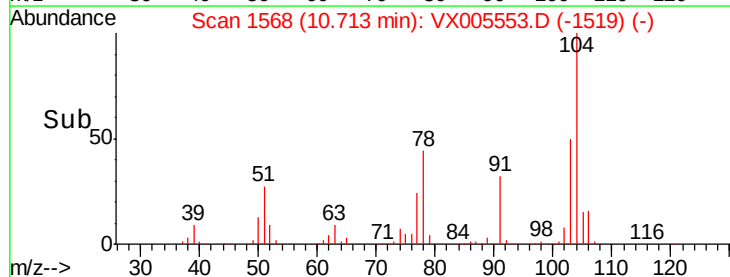
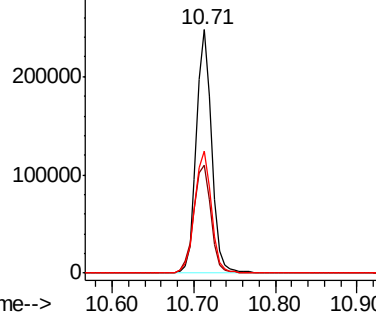


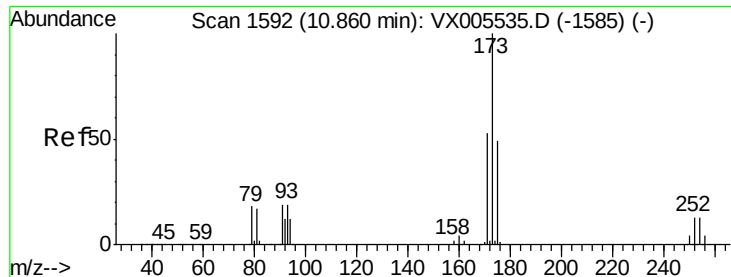
#70
Styrene
Concen: 51.453 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion:104 Resp: 320801
Ion Ratio Lower Upper
104 100
78 50.9 37.4 56.0
103 55.5 43.8 65.6



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: 48.938 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

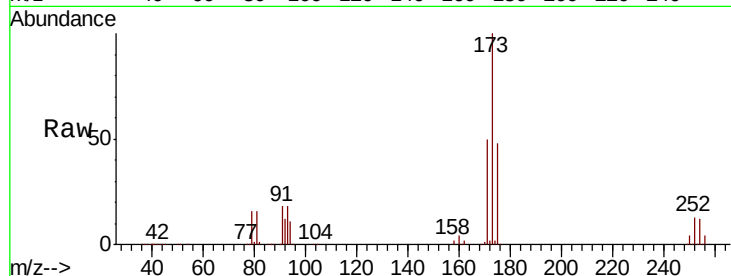
Tot Ion:173 Resp: 98751

Ion Ratio Lower Upper

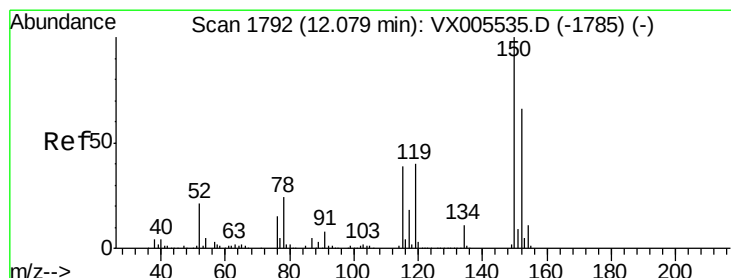
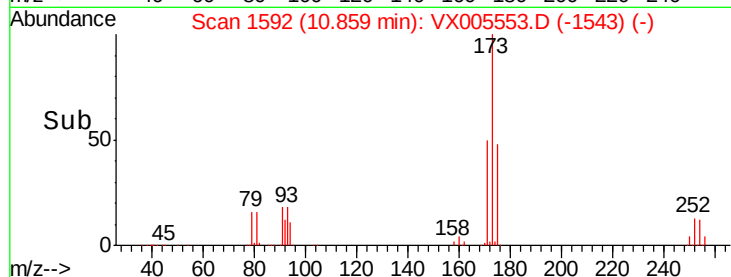
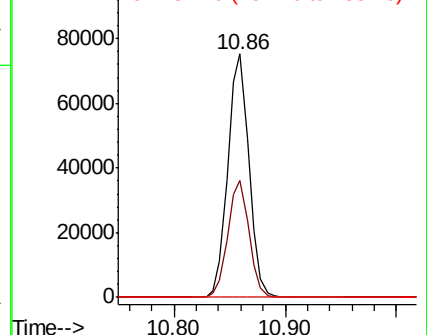
173 100

175 48.3 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

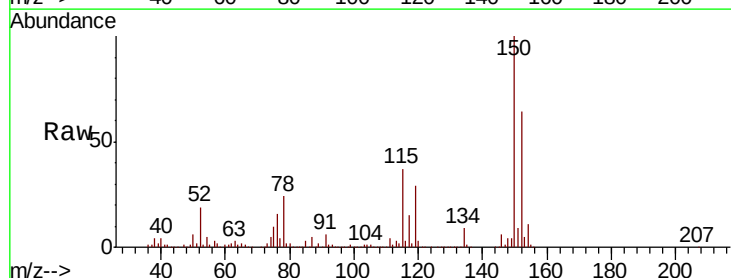
Tgt Ion:152 Resp: 166550

Ion Ratio Lower Upper

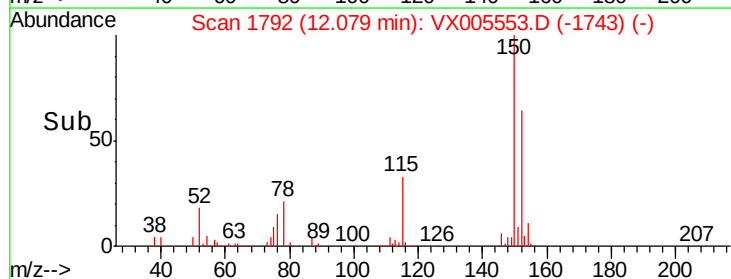
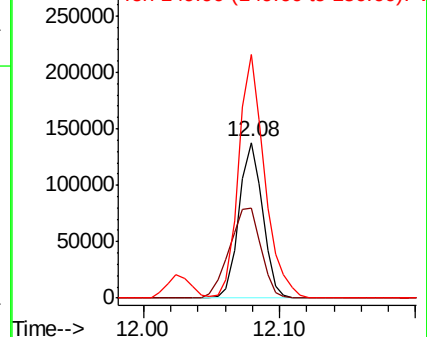
152 100

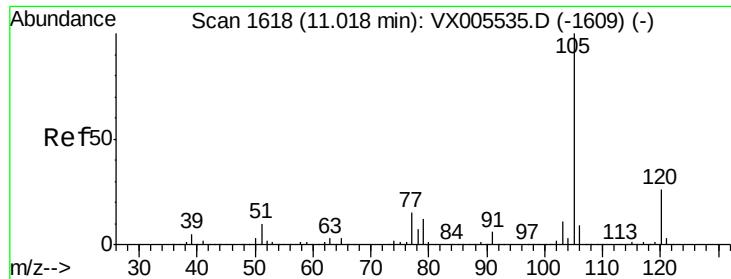
115 77.3 39.0 117.0

150 172.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.161 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

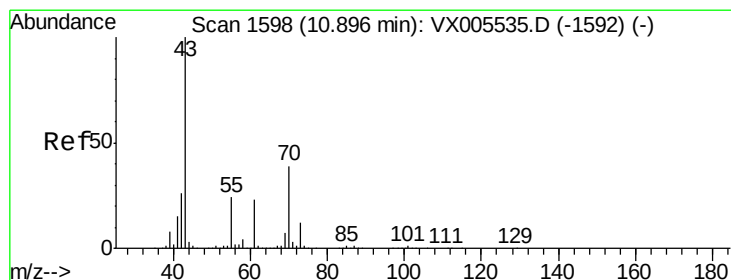
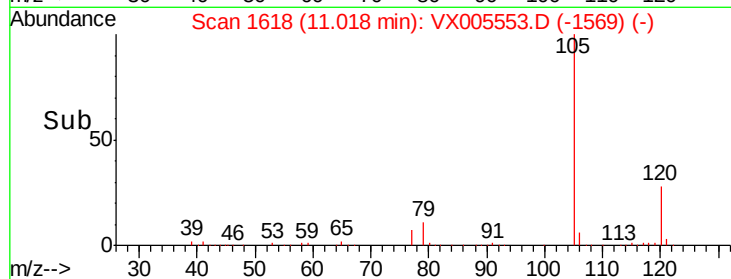
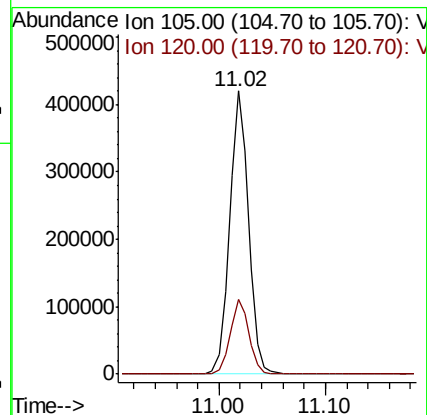
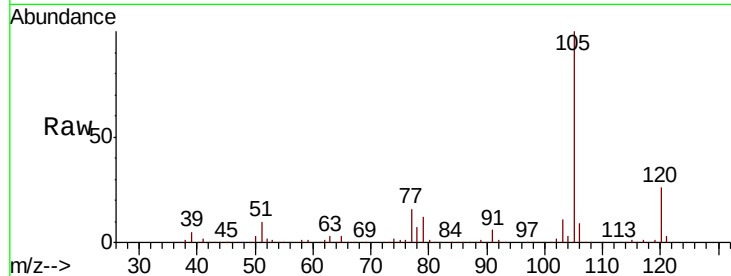
S37-0008MS

Tot Ion:105 Resp: 520864

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 48.770 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion: 43 Resp: 246027

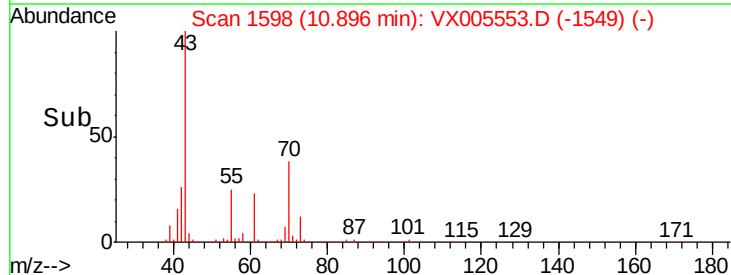
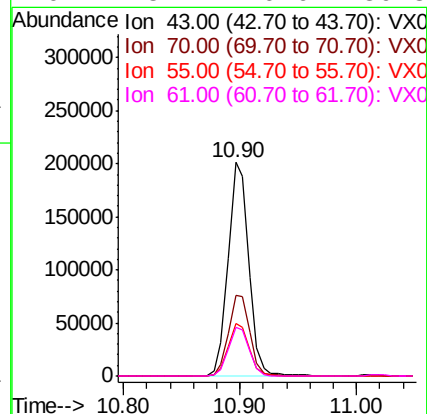
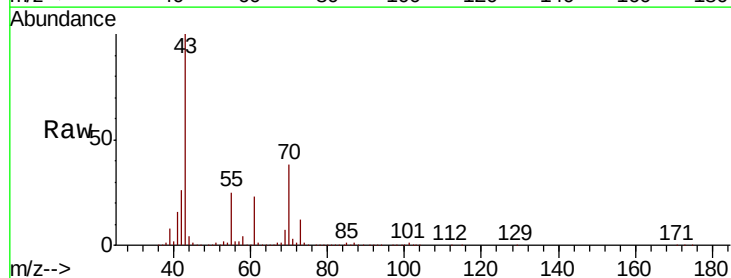
Ion Ratio Lower Upper

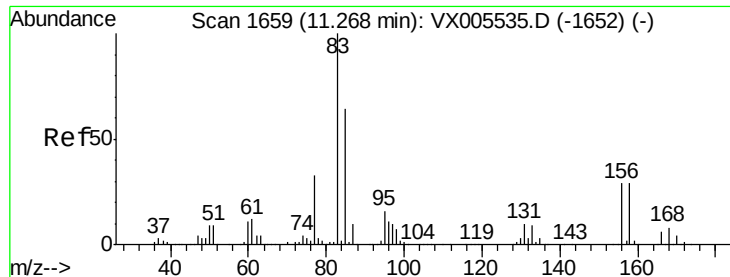
43 100

70 39.2 37.4 56.0

55 25.2 21.8 32.8

61 23.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.099 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

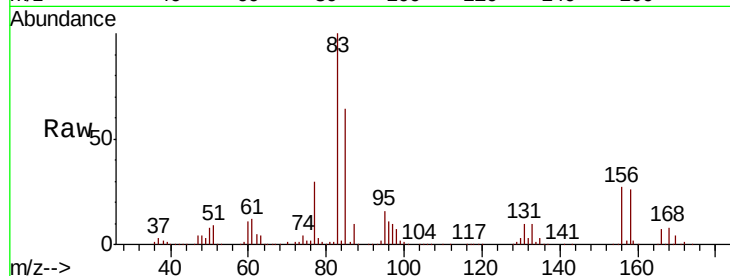
Tot Ion: 83 Resp: 180660

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

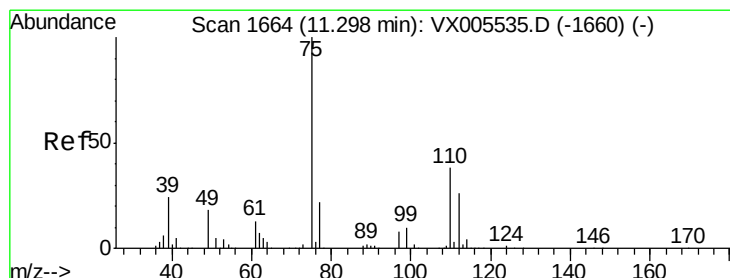
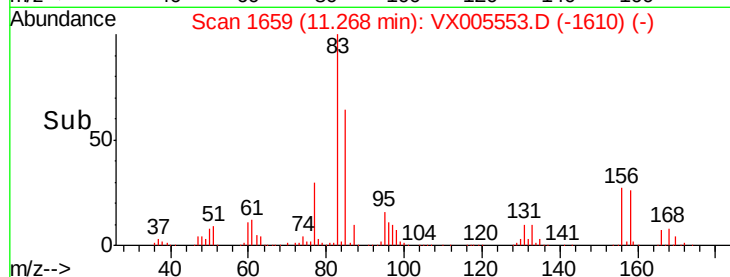
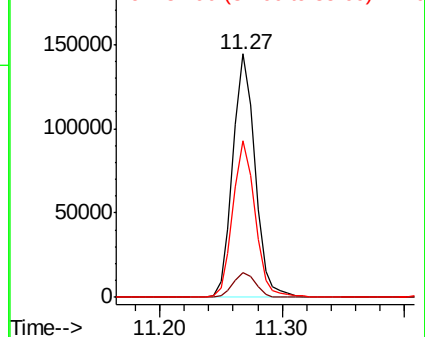
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.995 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005553.D

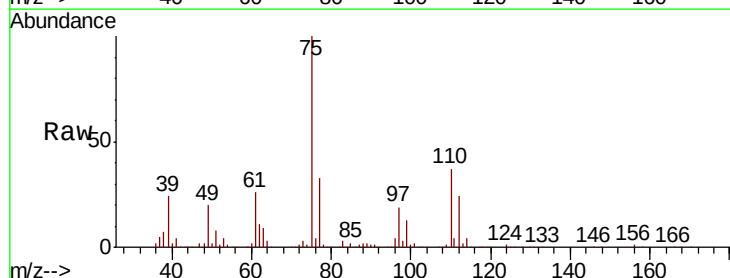
Acq: 24 Oct 2018 20:32

Tgt Ion: 75 Resp: 217097

Ion Ratio Lower Upper

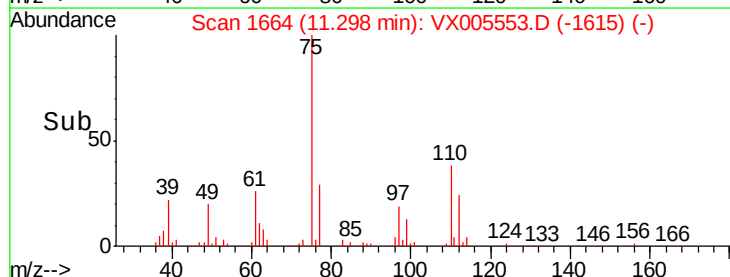
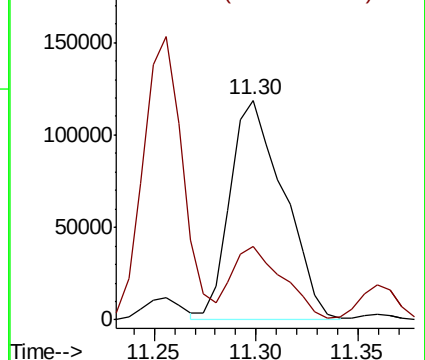
75 100

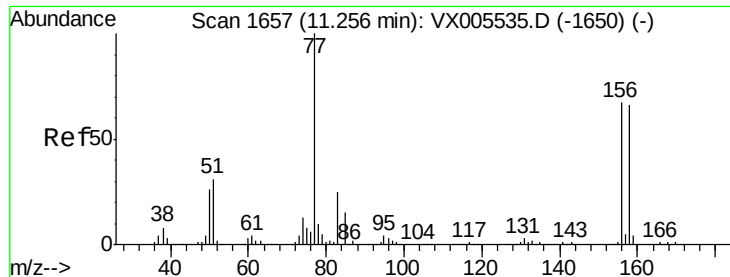
77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.913 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

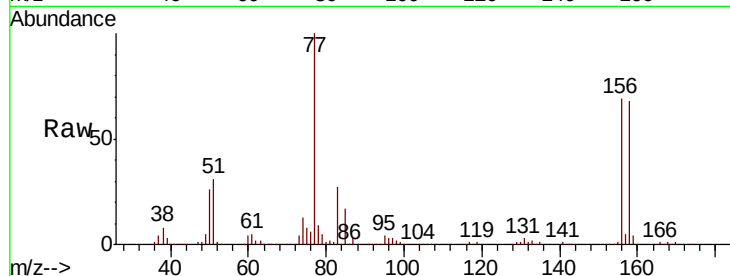
Tot Ion:156 Resp: 138782

Ion Ratio Lower Upper

156 100

77 148.9 71.5 214.3

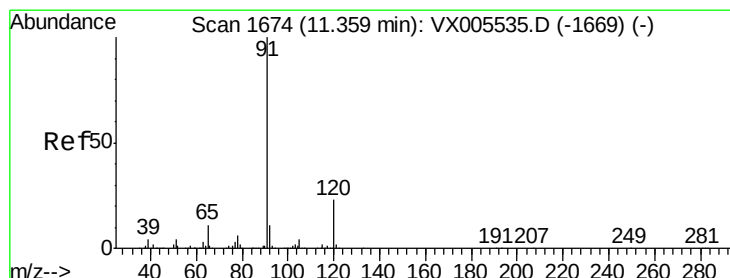
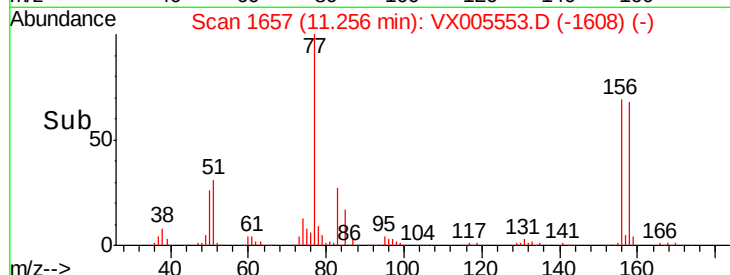
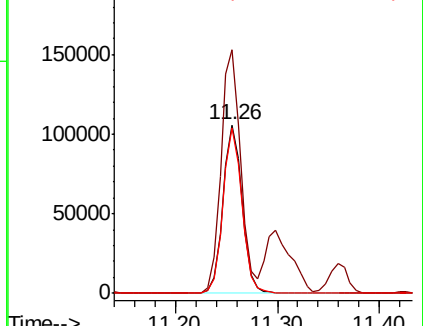
158 97.4 48.9 146.8



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: 51.880 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005553.D

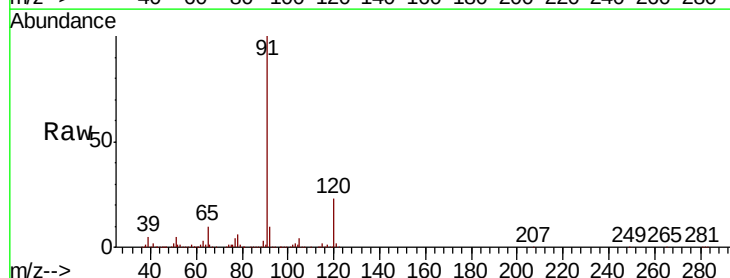
Acq: 24 Oct 2018 20:32

Tgt Ion: 91 Resp: 603962

Ion Ratio Lower Upper

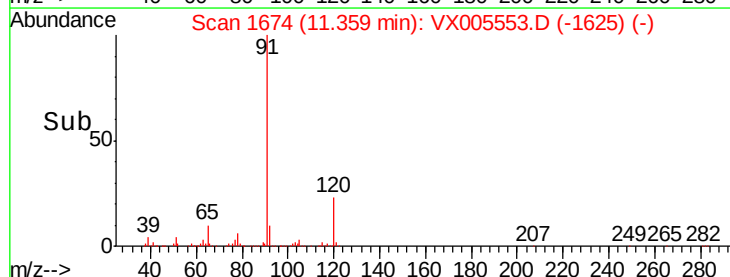
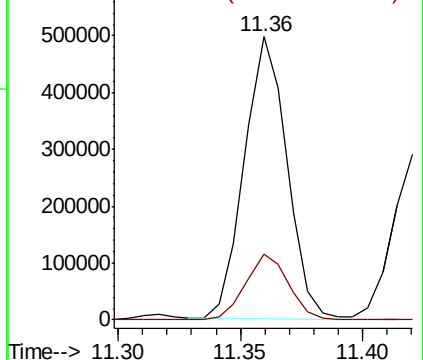
91 100

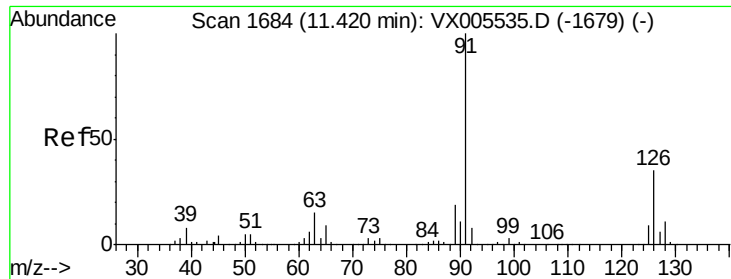
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

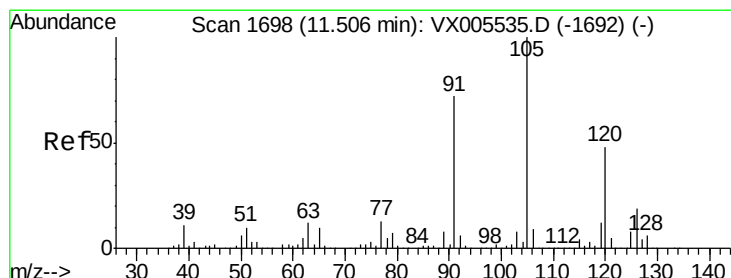
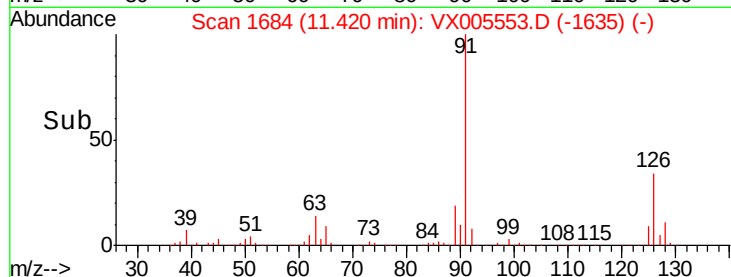
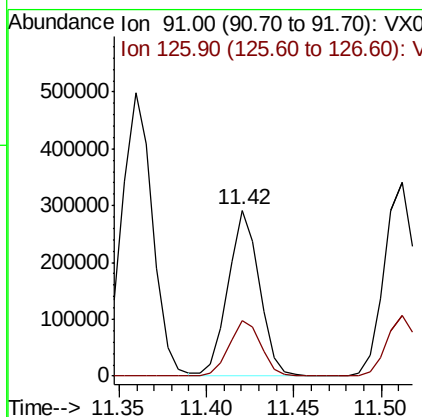
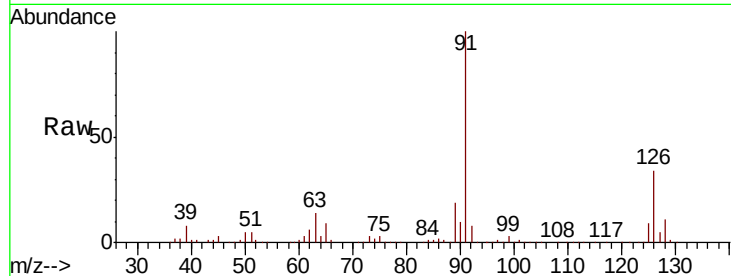




#79
 2-Chlorotoluene
 Concen: 49.969 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

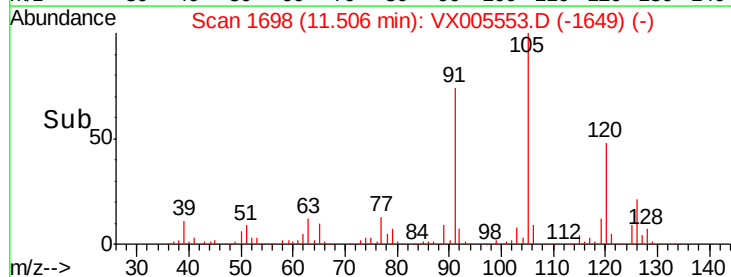
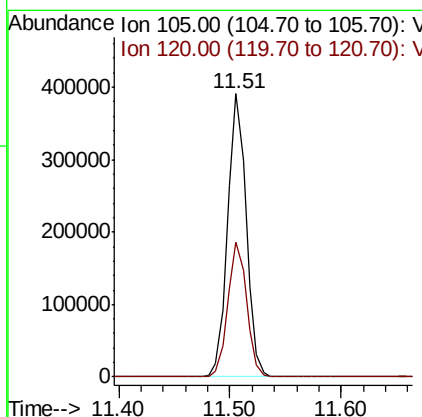
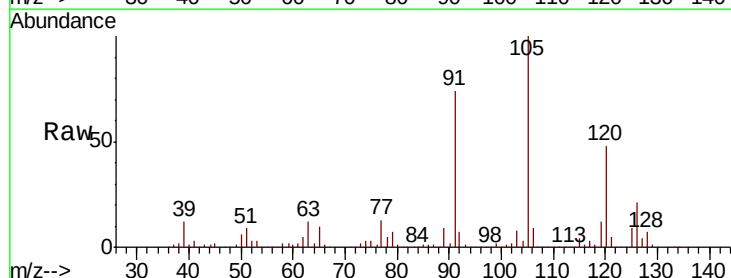
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

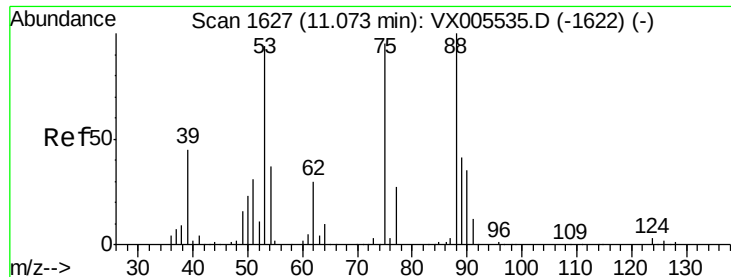
Tot Ion: 91 Resp: 360681
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.785 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 105 Resp: 451008
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.955 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

S37-0008MS

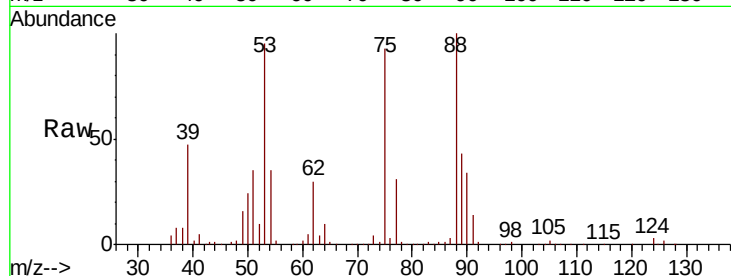
Tot Ion: 75 Resp: 51789

Ion Ratio Lower Upper

75 100

53 103.7 80.1 120.1

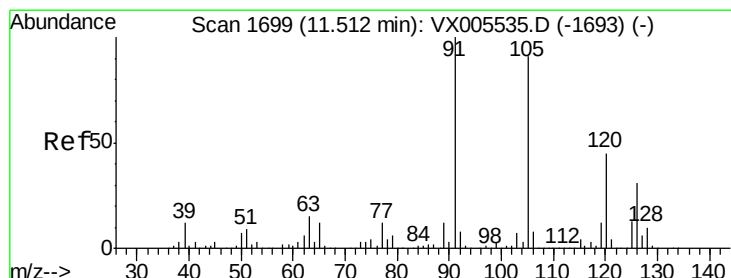
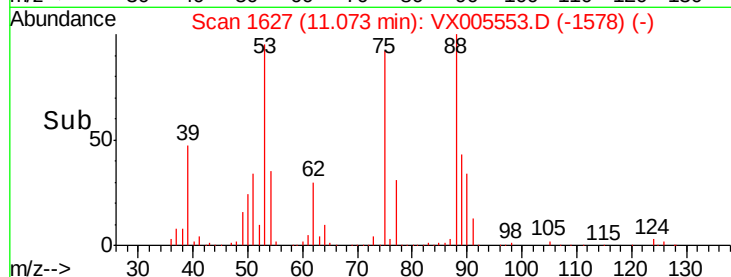
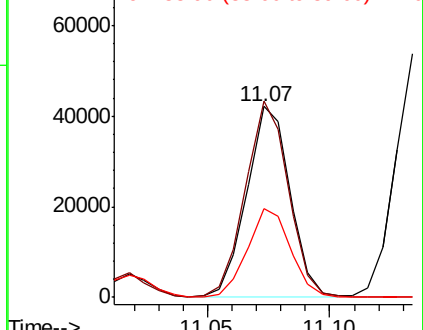
89 46.9 37.2 55.8



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: 50.289 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005553.D

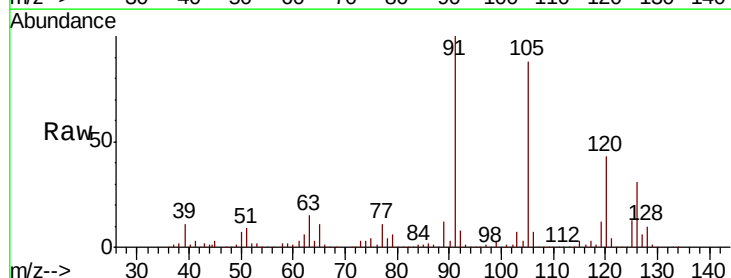
Acq: 24 Oct 2018 20:32

Tgt Ion: 91 Resp: 428027

Ion Ratio Lower Upper

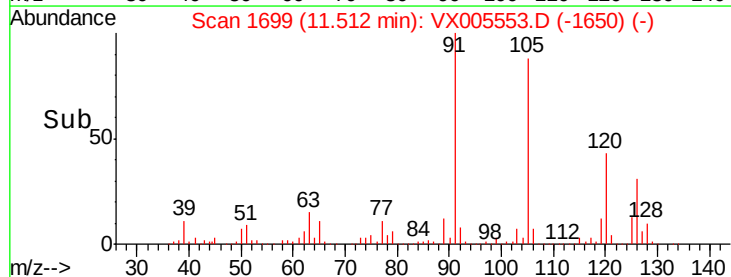
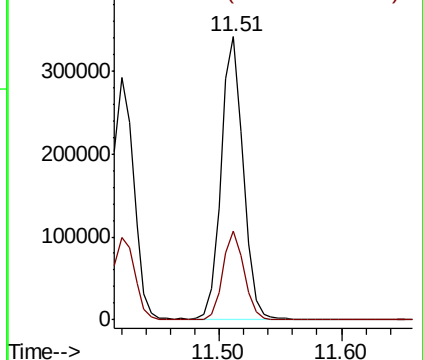
91 100

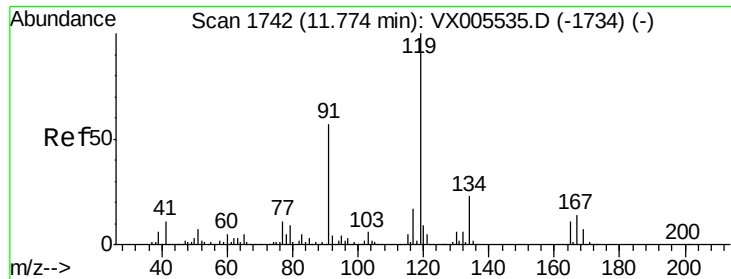
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

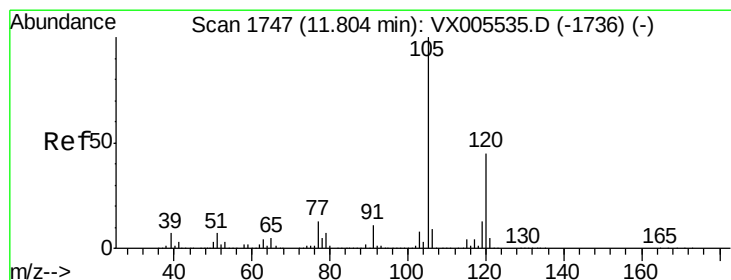
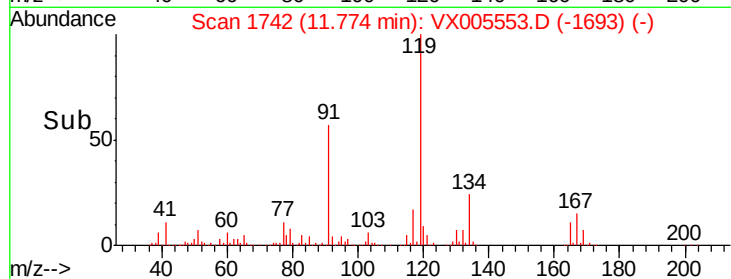
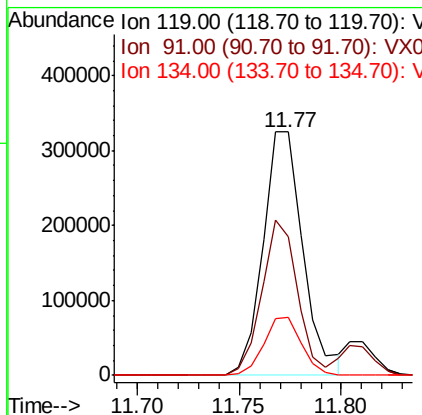
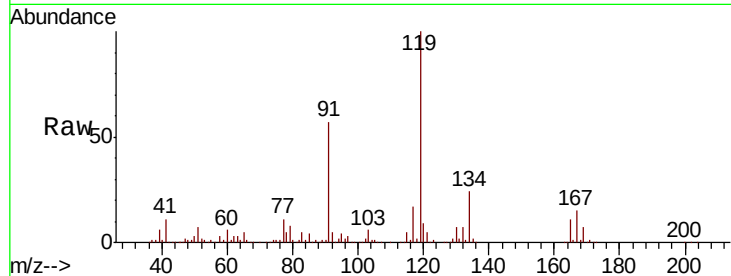




#83
 tert-Butylbenzene
 Concen: 51.205 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

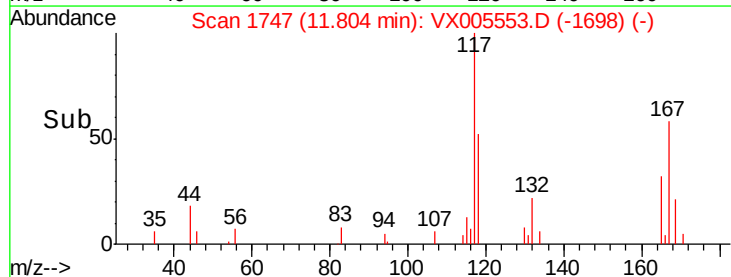
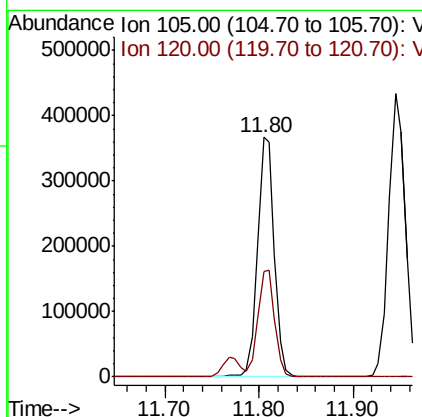
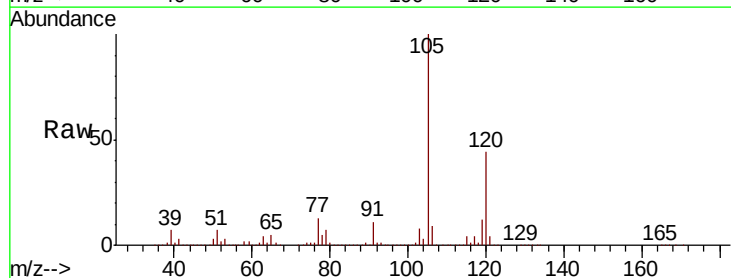
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

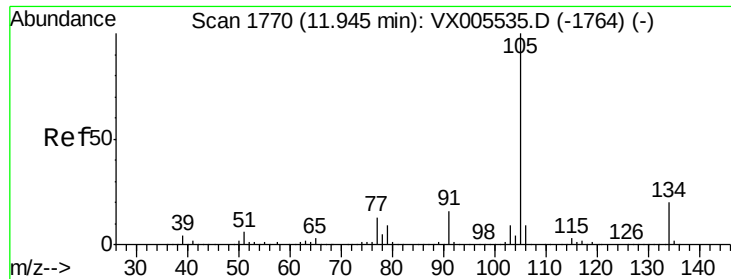
Tot Ion:119 Resp: 444534
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.459 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion:105 Resp: 463041
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.366 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

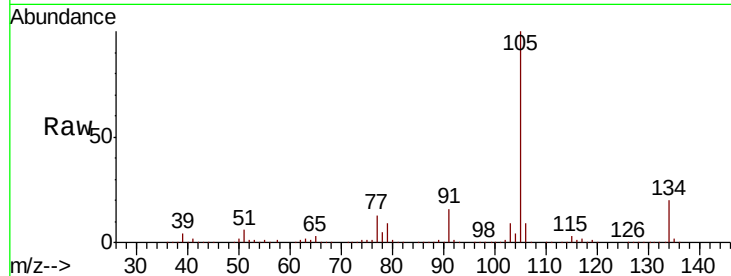
S37-0008MS

Tot Ion:105 Resp: 532110

Ion Ratio Lower Upper

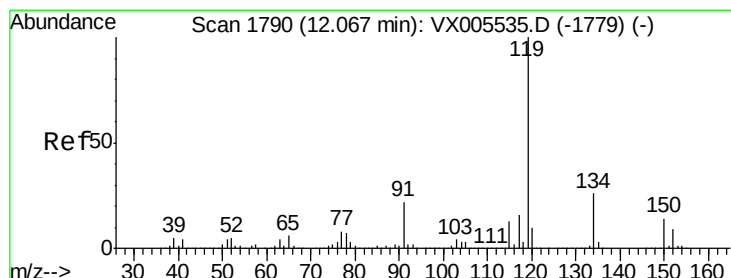
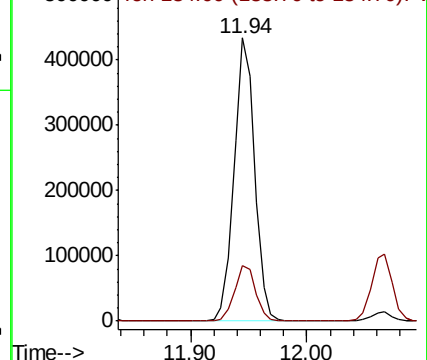
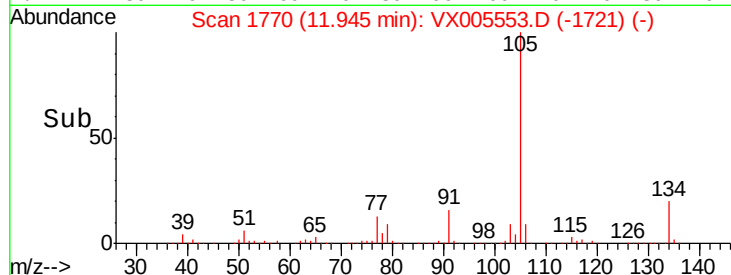
105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.027 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

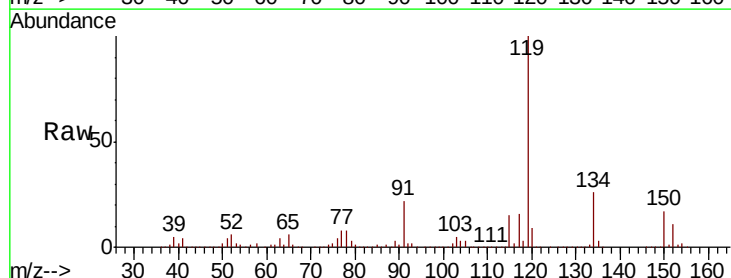
Tgt Ion:119 Resp: 481795

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

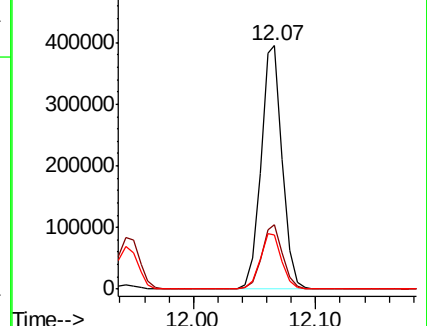
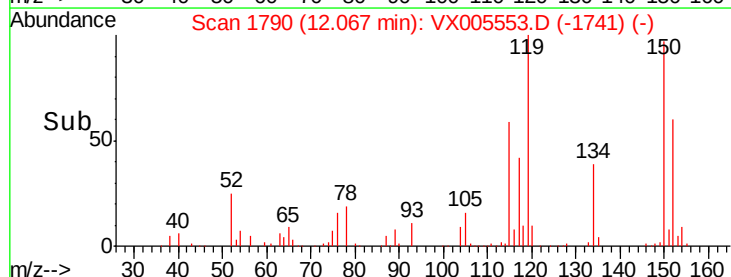
91 23.2 10.9 32.7

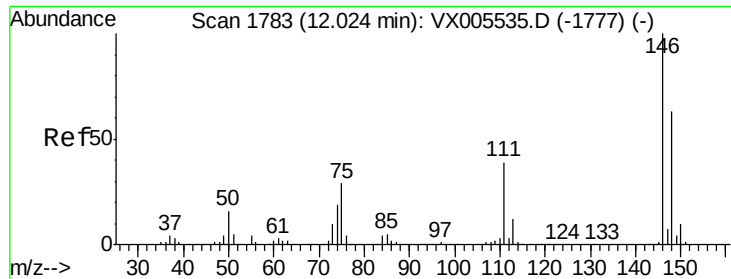


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

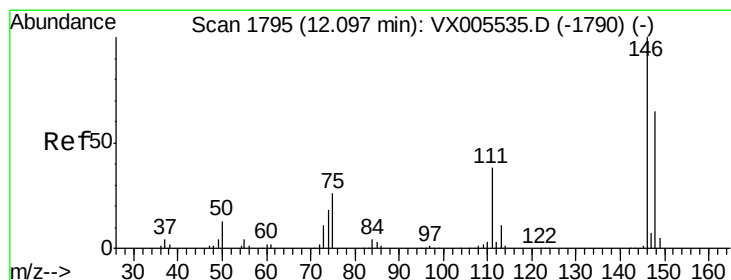
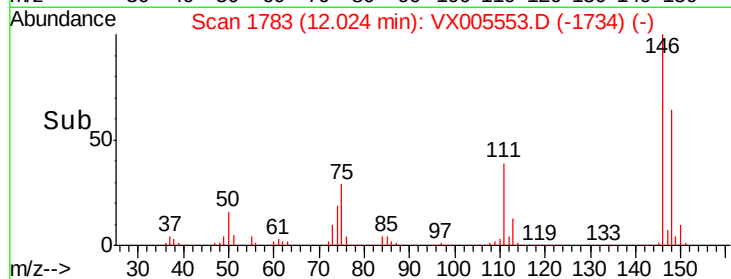
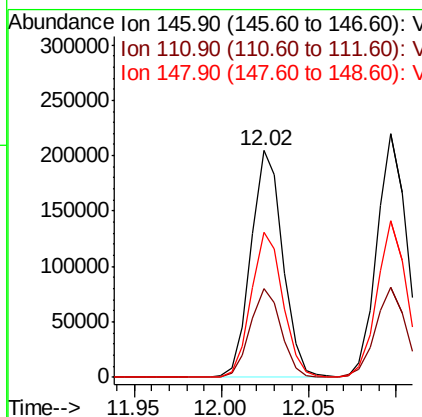
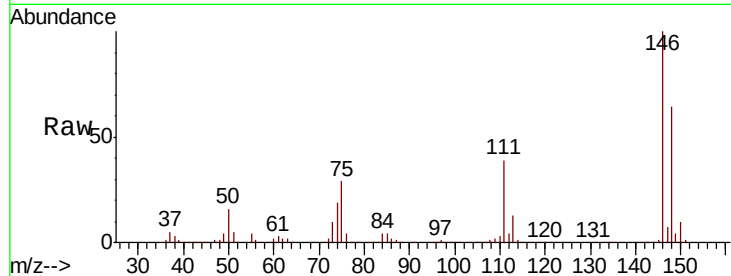




#87
 1,3-Dichlorobenzene
 Concen: 48.471 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

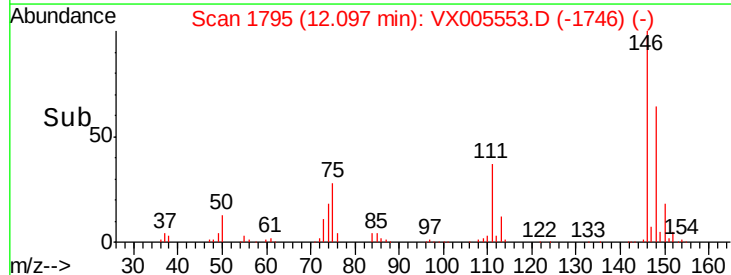
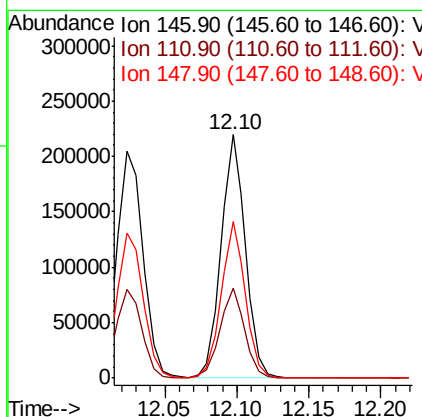
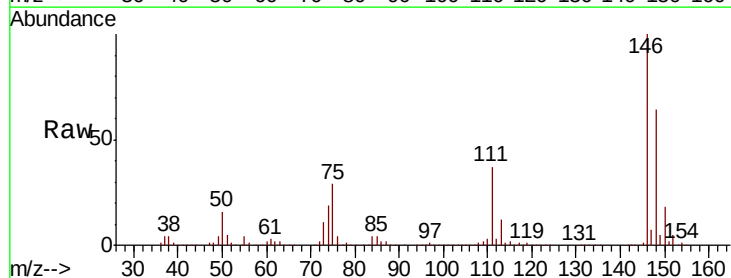
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

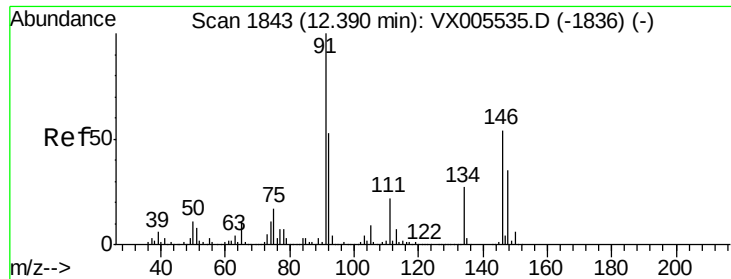
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	63.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.978 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.6	32.0	96.0

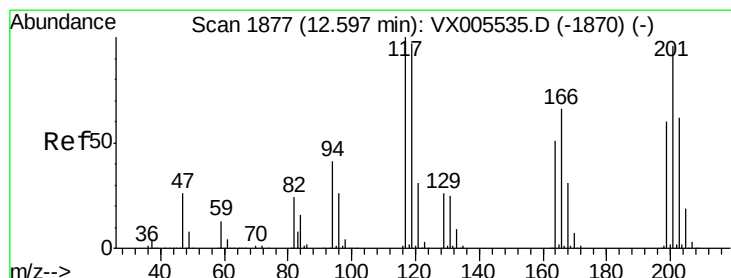
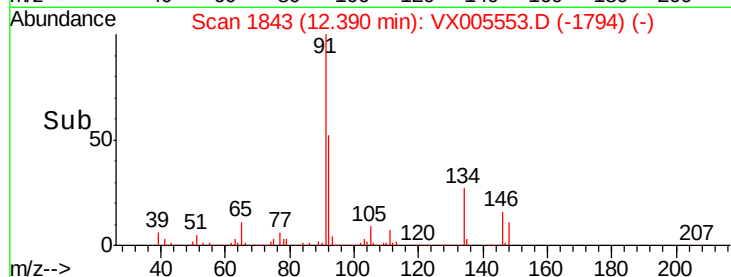
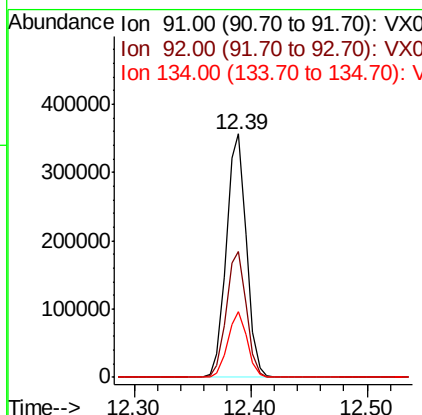
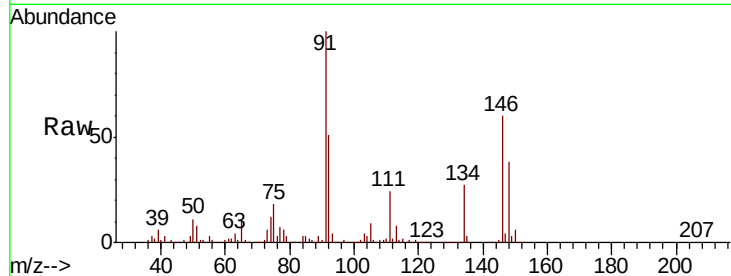




#89
n-Butylbenzene
Concen: 50.601 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

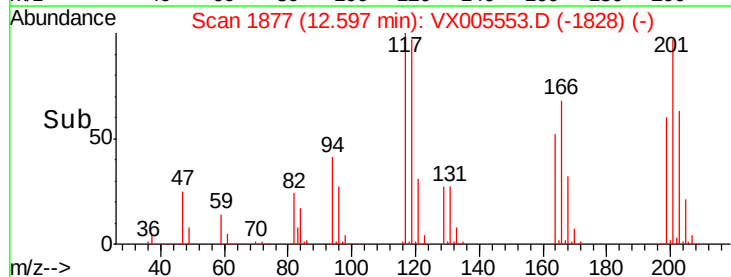
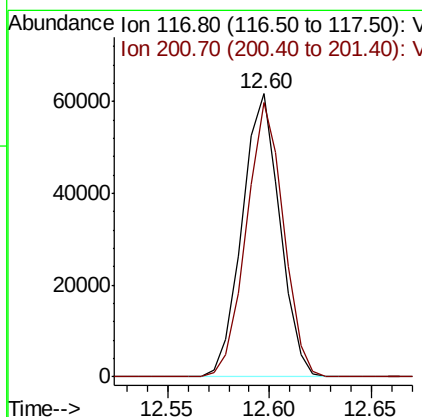
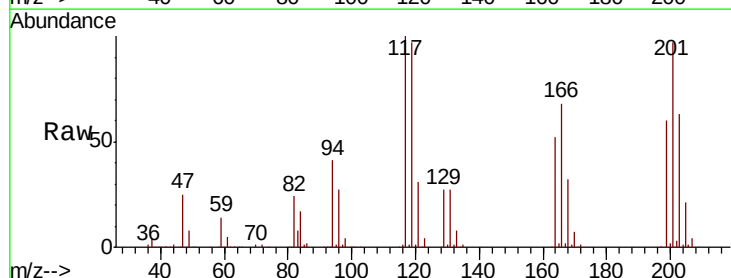
Instrument :
MSVOA_X
ClientSampled :
S37-0008MS

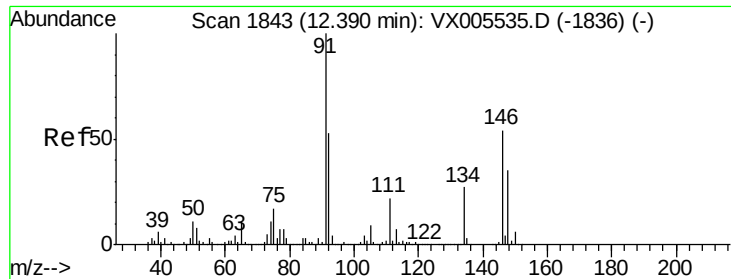
Tot Ion: 91 Resp: 423025
Ion Ratio Lower Upper
91 100
92 51.8 27.3 81.9
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 49.675 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion: 117 Resp: 79339
Ion Ratio Lower Upper
117 100
201 95.5 46.9 140.6

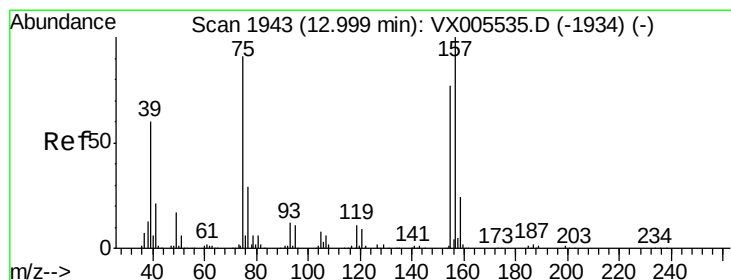
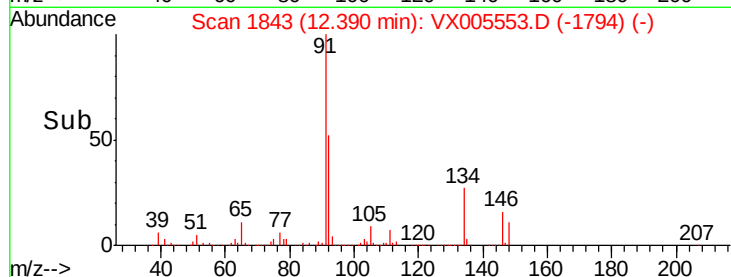
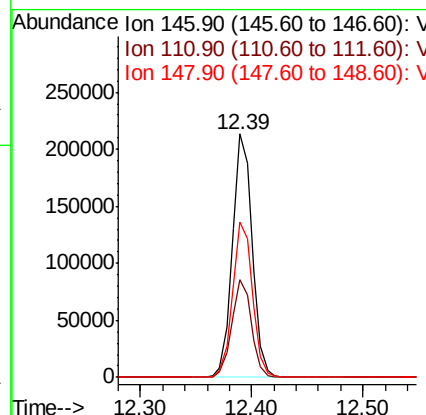
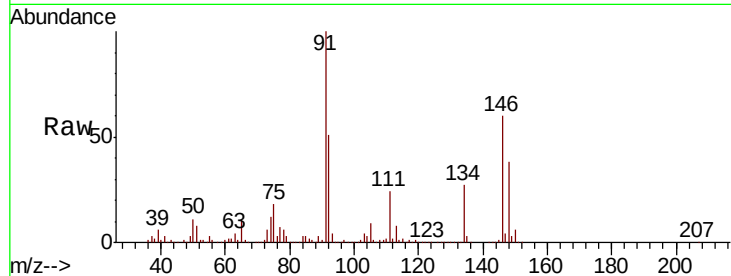




#91
 1,2-Dichlorobenzene
 Concen: 48.445 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

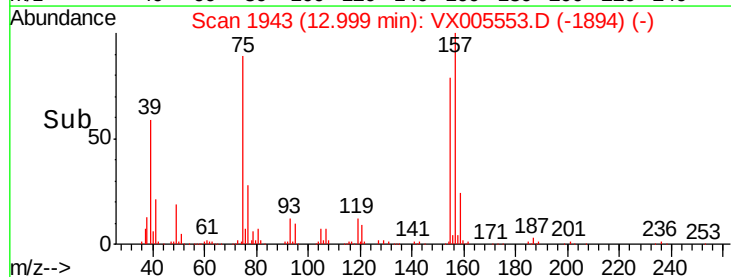
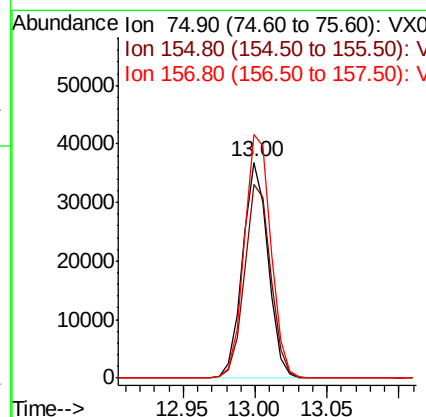
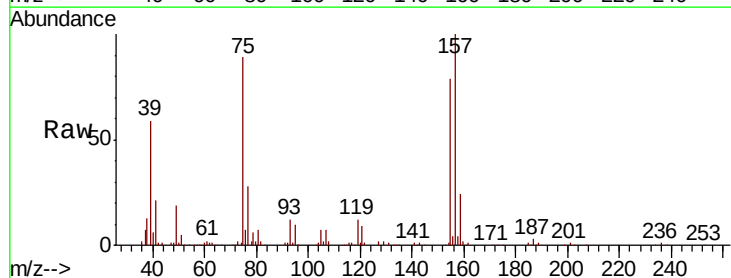
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

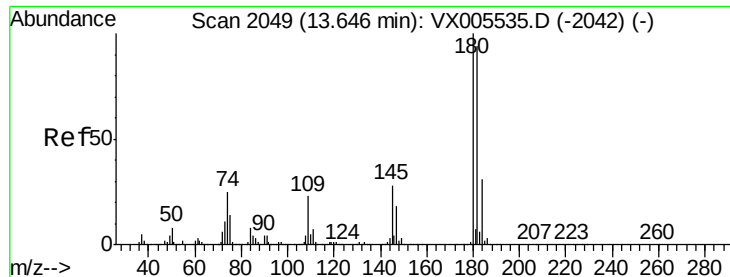
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.1
148	64.0	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.067 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.0	144.2
157	116.7	61.4	184.1

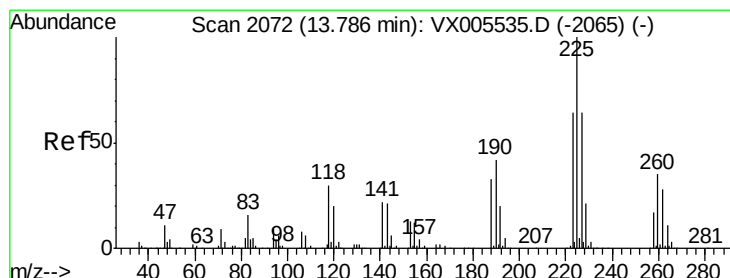
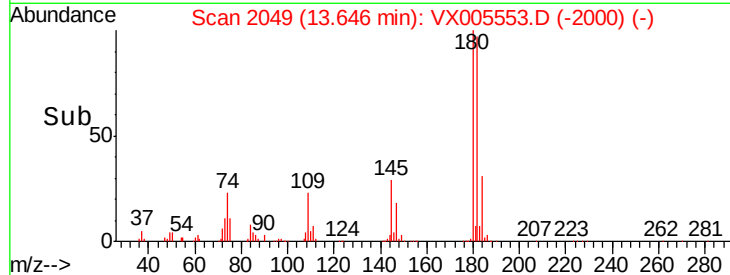
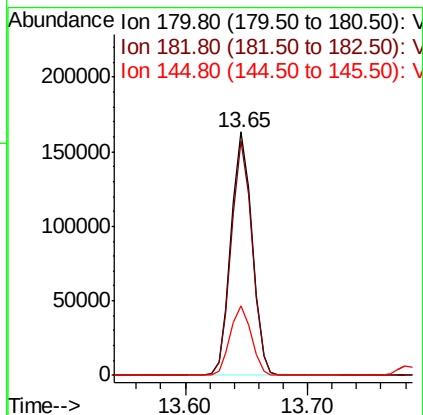
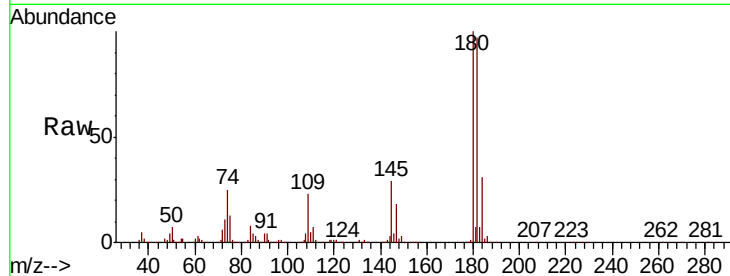




#93
 1,2,4-Trichlorobenzene
 Concen: 49.477 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

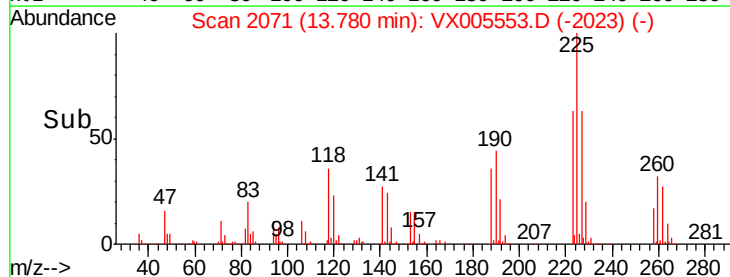
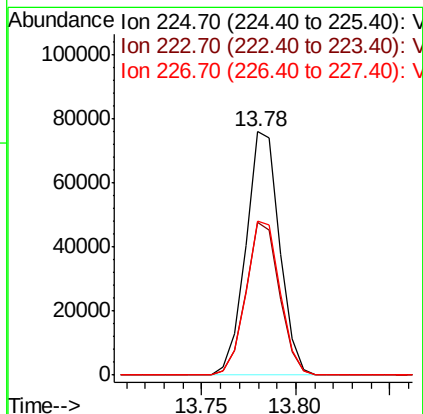
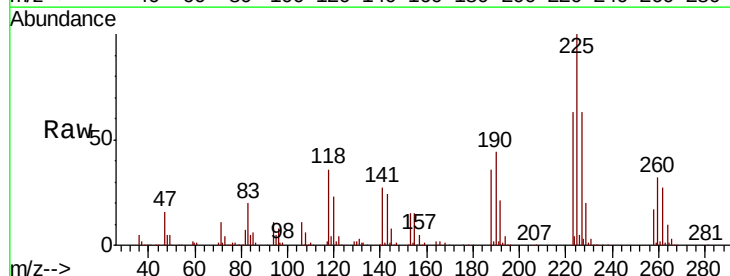
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

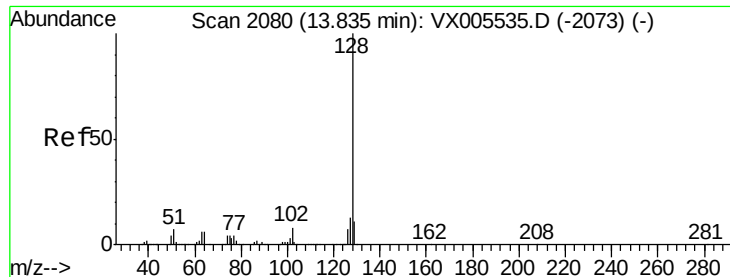
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	28.8	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 46.364 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.1	90.5
227	64.0	30.8	92.4





#95

Naphthalene

Concen: 53.484 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

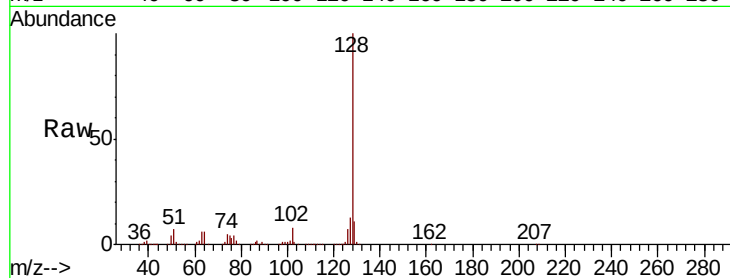
Tot Ion:128 Resp: 608350

Ion Ratio Lower Upper

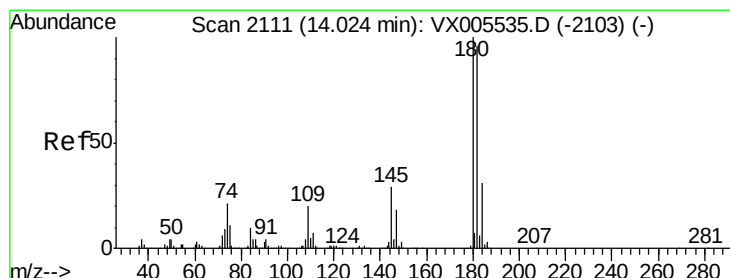
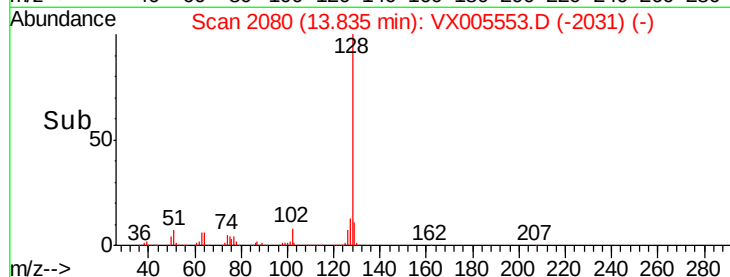
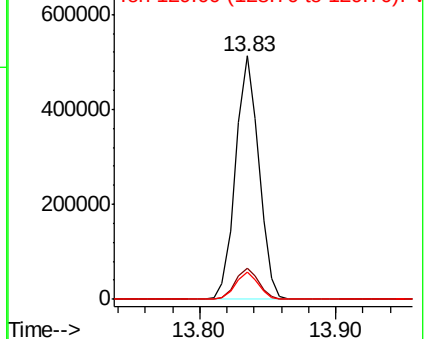
128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8



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: 50.553 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

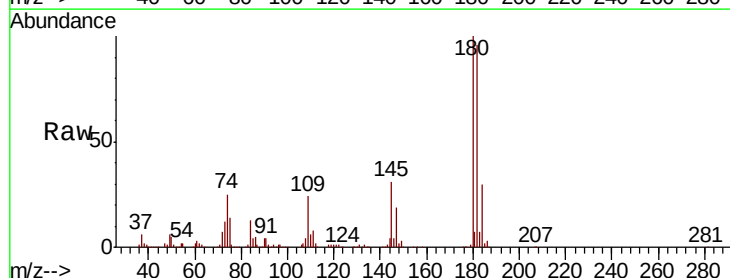
Tgt Ion:180 Resp: 200526

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.8 14.9 44.9



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

