

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005554.D
 Acq On : 24 Oct 2018 20:59
 Operator : JC/MD
 Sample : J5655-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

Quant Time: Oct 25 04:57:12 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	209821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126498	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.51	113	101766	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.71	98	380779	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	143413	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74199	35.827	ug/l	97
3) Chloromethane	1.32	50	108171	41.013	ug/l	96
4) Vinyl Chloride	1.41	62	114668	44.216	ug/l	99
5) Bromomethane	1.64	94	74491	46.161	ug/l	84
6) Chloroethane	1.71	64	73347	44.273	ug/l	99
7) Trichlorofluoromethane	1.92	101	167808	46.568	ug/l	91
8) Diethyl Ether	2.19	74	69509	48.334	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95060	45.977	ug/l	98
10) Methyl Iodide	2.51	142	117409	54.135	ug/l	97
11) Tert butyl alcohol	3.08	59	187565	272.137	ug/l	100
12) 1,1-Dichloroethene	2.37	96	94908	48.187	ug/l	94
13) Acrolein	2.29	56	91087	259.078	ug/l	97
14) Allyl chloride	2.73	41	214703	48.844	ug/l	95
15) Acrylonitrile	3.15	53	386733	250.229	ug/l	99
16) Acetone	2.45	43	382247	282.433	ug/l	90
17) Carbon Disulfide	2.57	76	273129	45.491	ug/l	99
18) Methyl Acetate	2.78	43	174068	52.125	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	348703	49.632	ug/l	98
20) Methylene Chloride	2.85	84	109658	48.377	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	101318	47.114	ug/l	95
22) Diisopropyl ether	3.87	45	356661	46.463	ug/l #	89
23) Vinyl Acetate	3.82	43	1590217	235.222	ug/l	96
24) 1,1-Dichloroethane	3.70	63	204317	48.957	ug/l	98
25) 2-Butanone	4.70	43	518759	251.706	ug/l	93
26) 2,2-Dichloropropane	4.59	77	139148	43.186	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112016	48.316	ug/l	94
28) Bromochloromethane	5.02	49	97849	48.476	ug/l	90
29) Tetrahydrofuran	5.15	42	340422	253.813	ug/l	92
30) Chloroform	5.21	83	188957	48.403	ug/l	98
31) Cyclohexane	5.57	56	166158	48.119	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	167171	48.518	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139609	46.111	ug/l	99
37) Ethyl Acetate	4.85	43	179625	46.492	ug/l	97
38) Carbon Tetrachloride	5.78	117	147783	46.344	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157794	47.198	ug/l	94
40) Benzene	6.14	78	439551	50.644	ug/l	94
41) Methacrylonitrile	5.06	41	103342	48.018	ug/l	94
42) 1,2-Dichloroethane	6.20	62	159717	48.441	ug/l	95
43) Isopropyl Acetate	6.47	43	278097	48.034	ug/l	95
44) Trichloroethene	7.21	130	112956	47.773	ug/l	93
45) 1,2-Dichloropropane	7.52	63	113189	48.508	ug/l	98
46) Dibromomethane	7.66	93	73242	48.599	ug/l	98
47) Bromodichloromethane	7.90	83	144222	49.306	ug/l	98
48) Methyl methacrylate	7.77	41	147102	52.155	ug/l	93
49) 1,4-Dioxane	7.76	88	66595	1080.436	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1002868	257.741	ug/l	93
52) Toluene	8.79	92	265766	50.384	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161908	51.216	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	167421	49.190	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109408	49.197	ug/l	97
56) Ethyl methacrylate	9.18	69	173312	52.248	ug/l	92
57) 1,3-Dichloropropane	9.37	76	185620	49.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1383	0.747	ug/l #	45
59) 2-Hexanone	9.50	43	803648	261.958	ug/l	92
60) Dibromochloromethane	9.59	129	118031	50.870	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115623	50.255	ug/l	99
64) Tetrachloroethene	9.34	164	112418	45.829	ug/l	98
65) Chlorobenzene	10.14	112	298079	47.372	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	110591	48.201	ug/l	98
67) Ethyl Benzene	10.26	91	515996	49.842	ug/l	98
68) m/p-Xylenes	10.36	106	400509	99.716	ug/l	94
69) o-Xylene	10.70	106	191614	50.708	ug/l	95
70) Styrene	10.71	104	324435	51.287	ug/l	96
71) Bromoform	10.86	173	99386	48.544	ug/l	99
73) Isopropylbenzene	11.02	105	525288	51.516	ug/l	99
74) N-amyl acetate	10.90	43	253248	50.124	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	182786	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	213634	62.878	ug/l	88
77) Bromobenzene	11.26	156	139038	48.928	ug/l	97
78) n-propylbenzene	11.36	91	606827	52.047	ug/l	99
79) 2-Chlorotoluene	11.42	91	361638	50.025	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	451618	51.776	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	53444	49.411	ug/l	98
82) 4-Chlorotoluene	11.51	91	429380	50.371	ug/l	99
83) tert-Butylbenzene	11.77	119	448047	51.531	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	466349	52.753	ug/l	97
85) sec-Butylbenzene	11.94	105	537482	51.806	ug/l	99
86) p-Isopropyltoluene	12.07	119	479564	51.707	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	258586	48.391	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263633	47.167	ug/l	99
89) n-Butylbenzene	12.39	91	420008	50.163	ug/l	97
90) Hexachloroethane	12.60	117	80915	50.584	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	262814	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46557	51.186	ug/l	93

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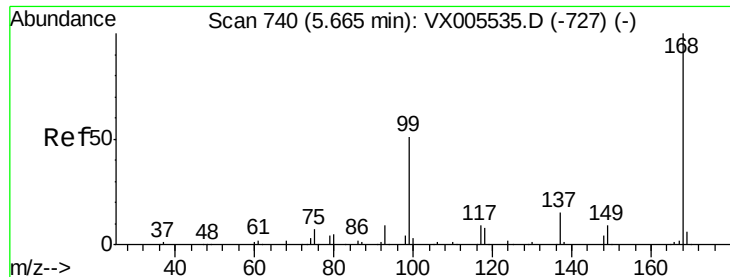
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Quant Time: Oct 25 04:57:12 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	193739	49.435	ug/l	100
94) Hexachlorobutadiene	13.79	225	93662	46.117	ug/l	98
95) Naphthalene	13.83	128	618293	54.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	202183	50.893	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

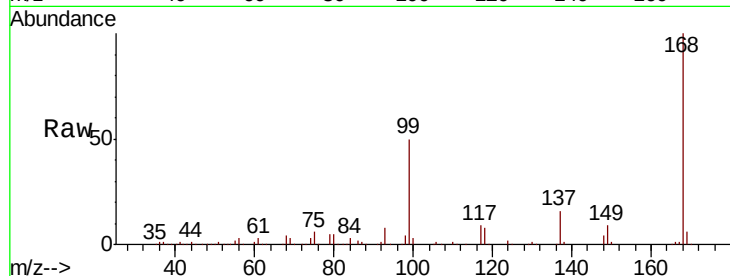
S37-0008MSD

Tot Ion:168 Resp: 209821

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

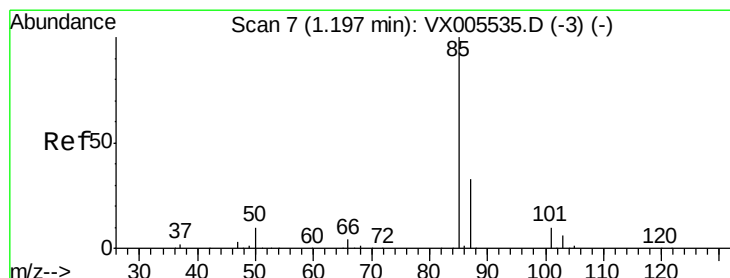
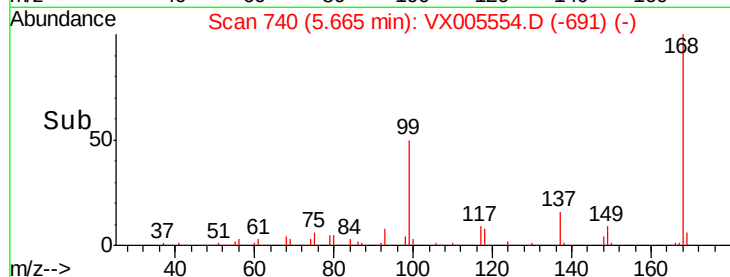
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 35.827 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005554.D

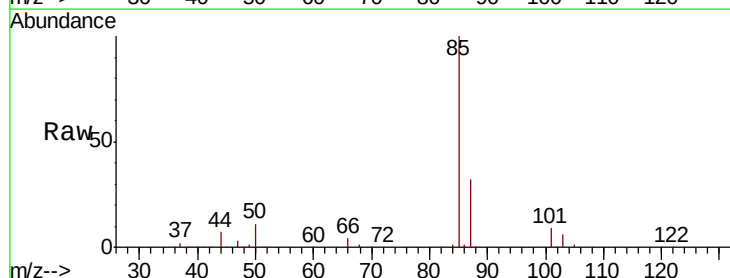
Acq: 24 Oct 2018 20:59

Tgt Ion: 85 Resp: 74199

Ion Ratio Lower Upper

85 100

87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

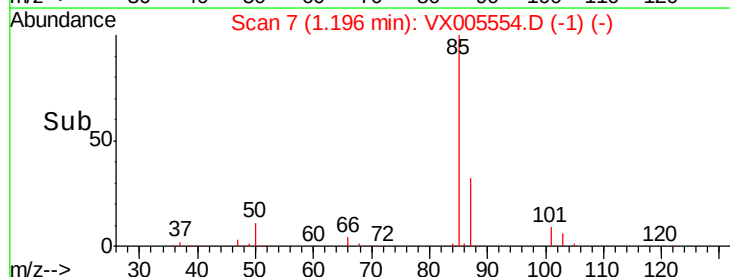
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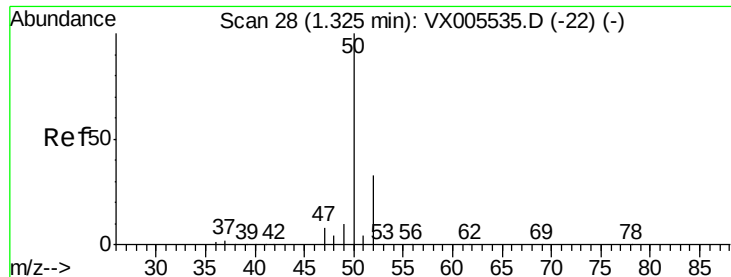
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.013 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

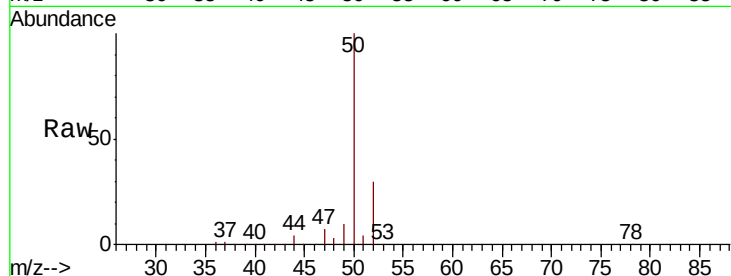
S37-0008MSD

Tot Ion: 50 Resp: 108171

Ion Ratio Lower Upper

50 100

52 30.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

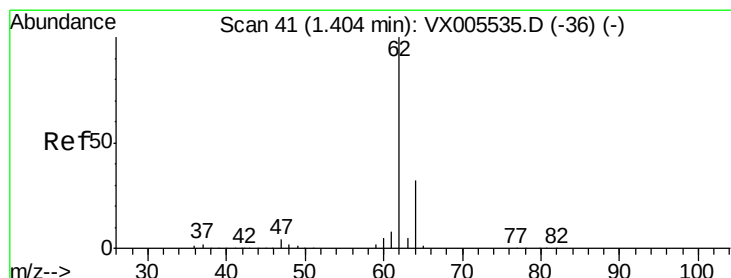
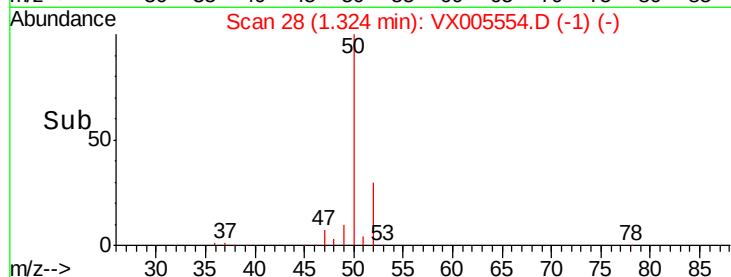
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005554.D

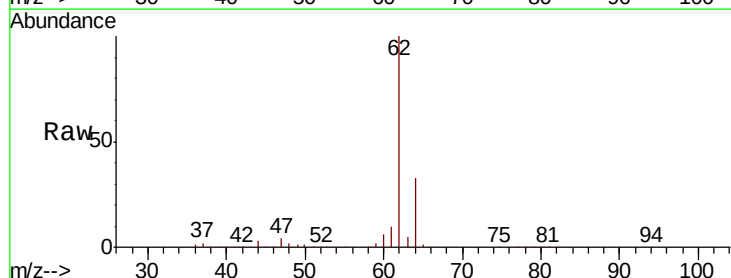
Acq: 24 Oct 2018 20:59

Tgt Ion: 62 Resp: 114668

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

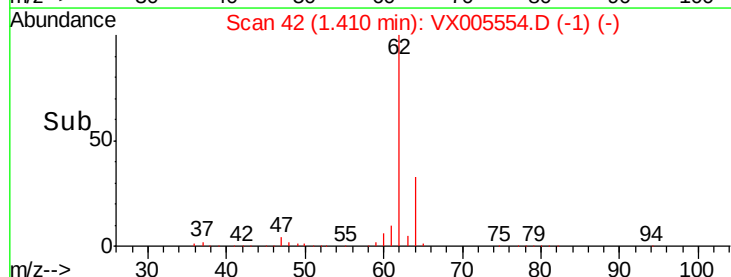
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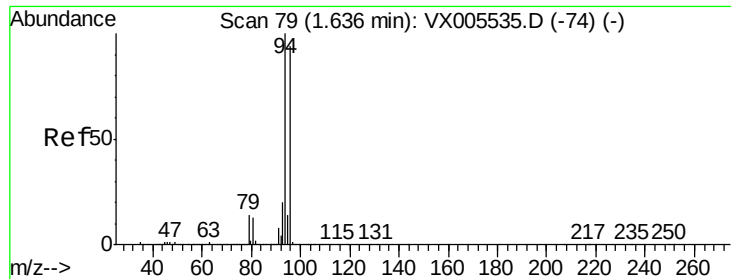
40000

20000

0

Time-->





#5

Bromomethane

Concen: 46.161 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

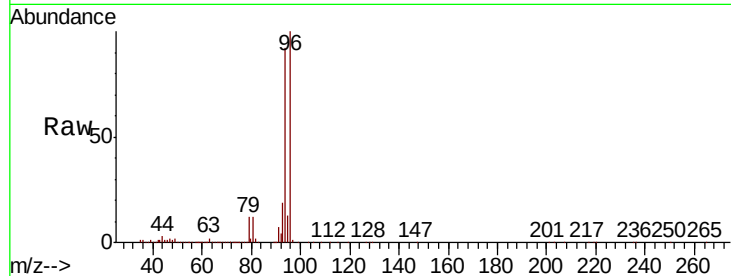
S37-0008MSD

Tot Ion: 94 Resp: 74491

Ion Ratio Lower Upper

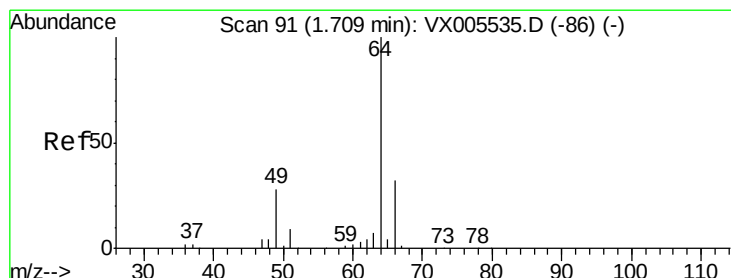
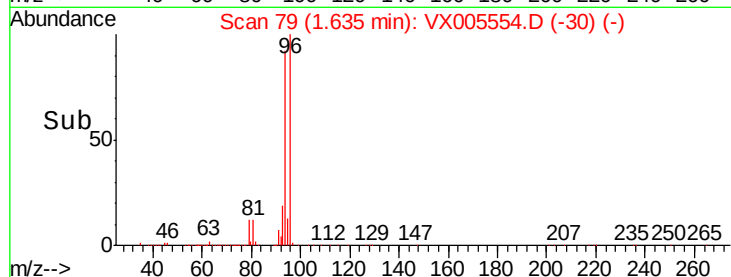
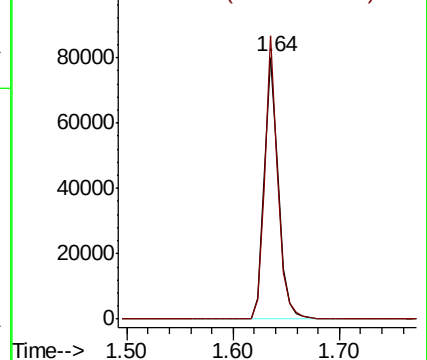
94 100

96 108.2 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: 44.273 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005554.D

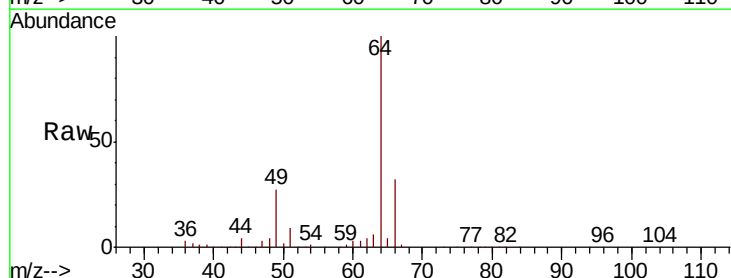
Acq: 24 Oct 2018 20:59

Tgt Ion: 64 Resp: 73347

Ion Ratio Lower Upper

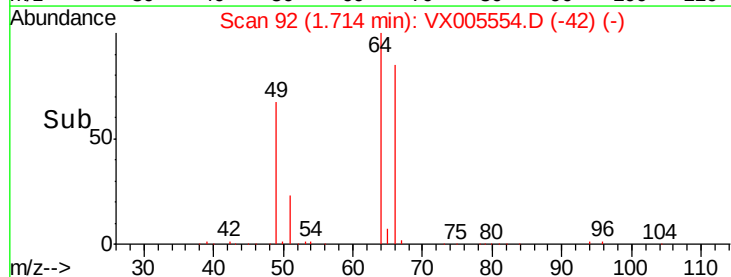
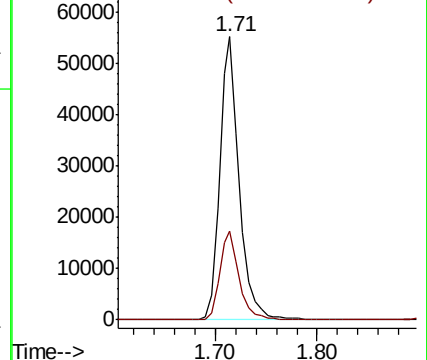
64 100

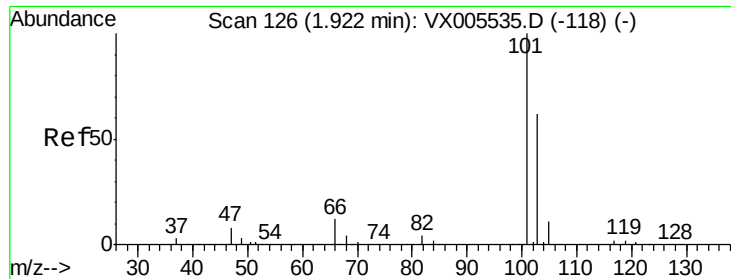
66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



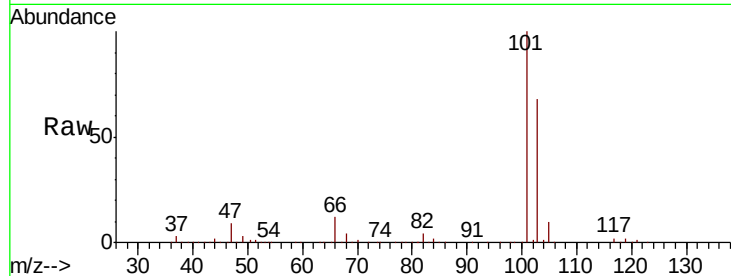


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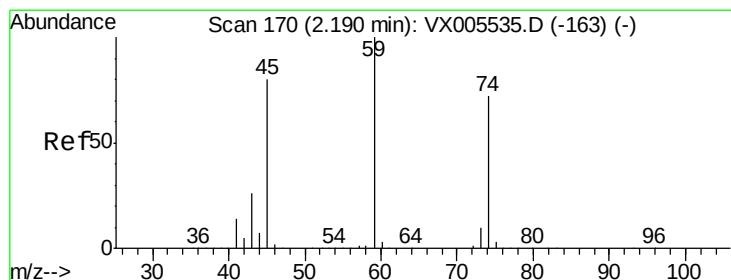
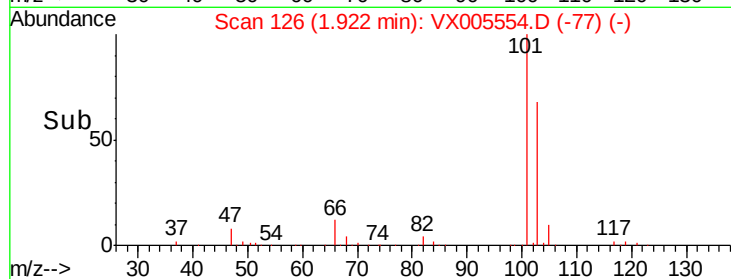
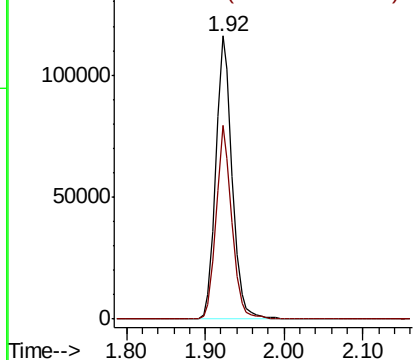
Trichlorofluoromethane
 Concen: 46.568 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

Tot Ion:101 Resp: 167808
 Ion Ratio Lower Upper
 101 100
 103 68.3 48.9 73.3



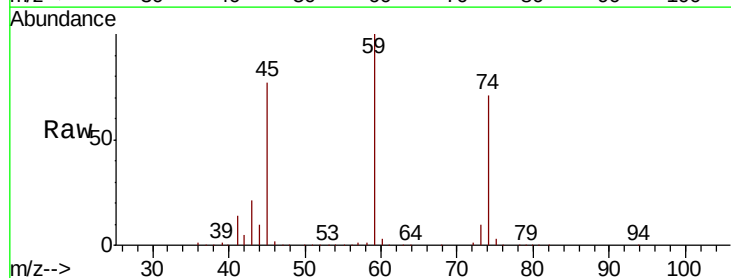
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



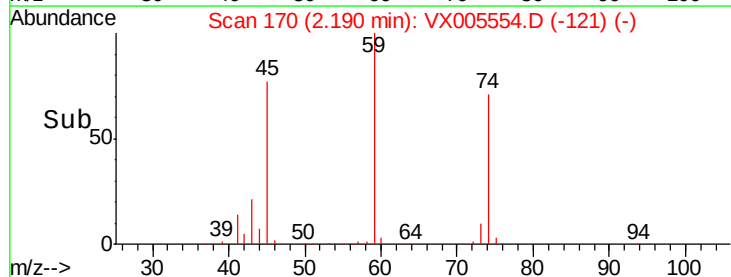
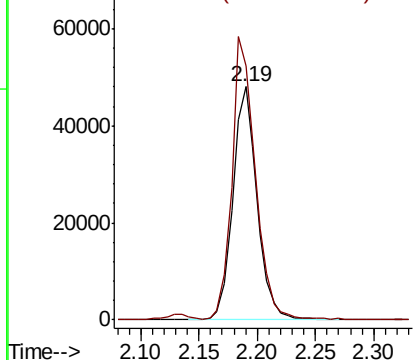
#8

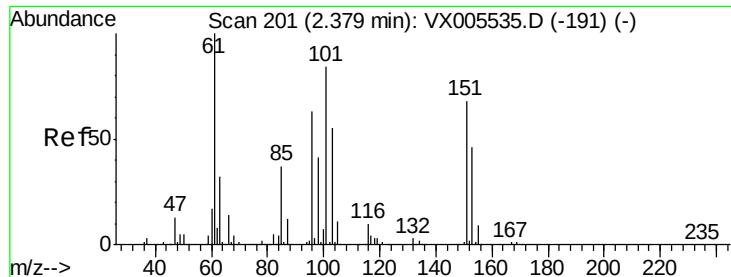
Diethyl Ether
 Concen: 48.334 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 74 Resp: 69509
 Ion Ratio Lower Upper
 74 100
 45 115.9 48.3 144.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.977 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

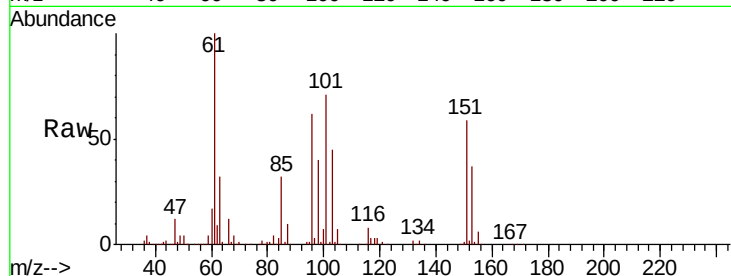
Tot Ion:101 Resp: 95060

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

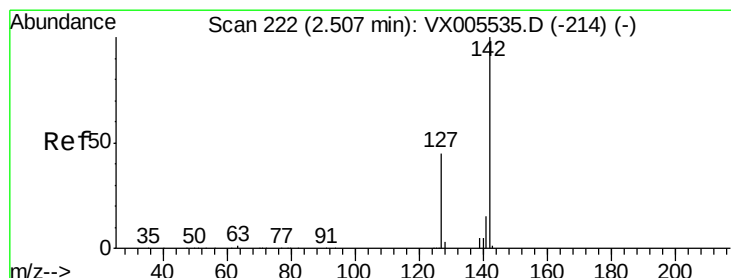
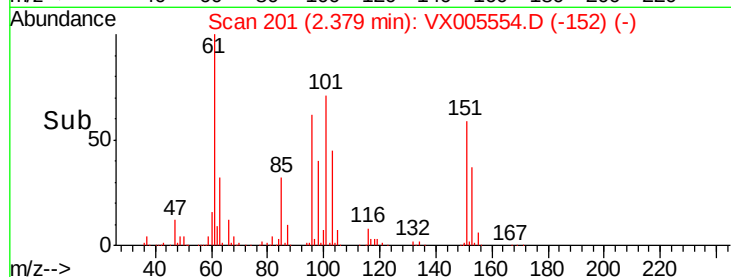
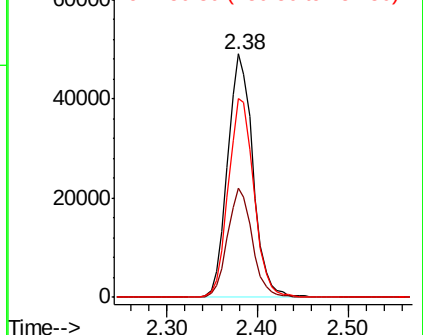
151 82.9 65.0 97.6



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: 54.135 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

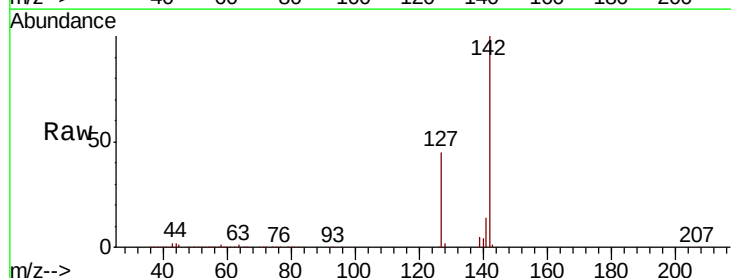
Tgt Ion:142 Resp: 117409

Ion Ratio Lower Upper

142 100

127 44.2 33.8 50.6

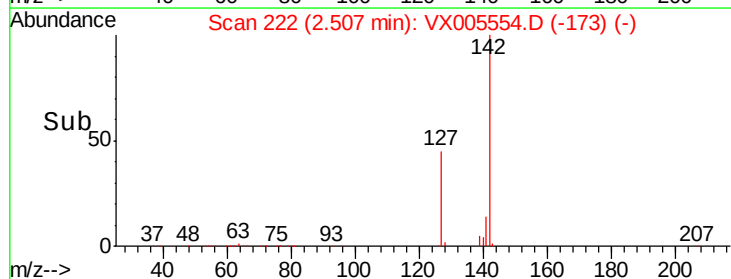
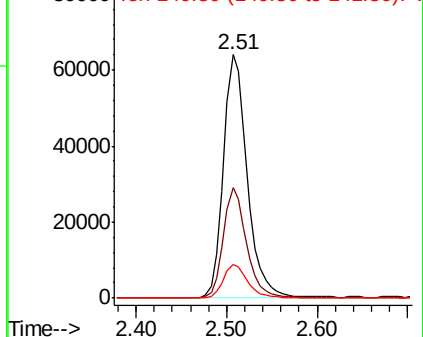
141 13.9 11.4 17.0

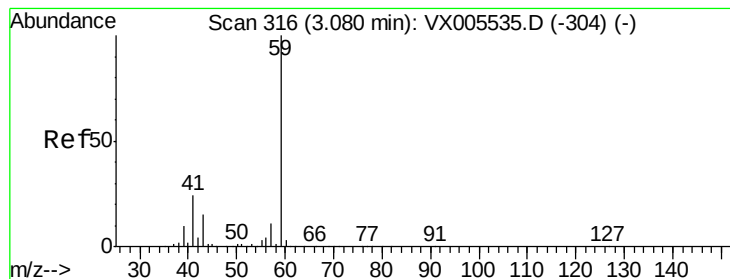


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



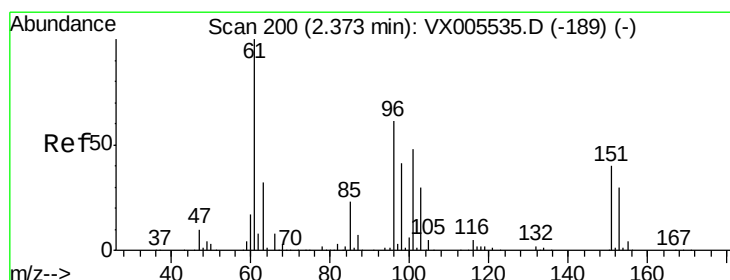
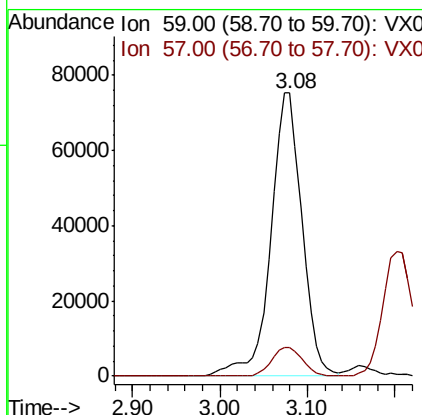
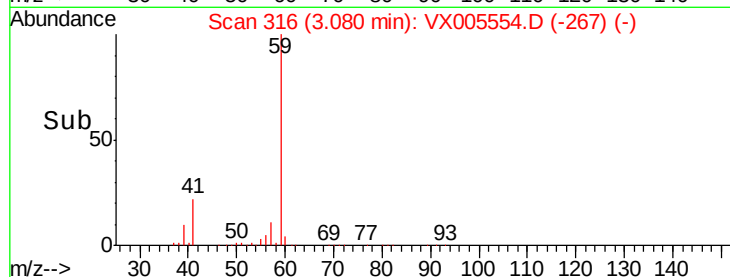
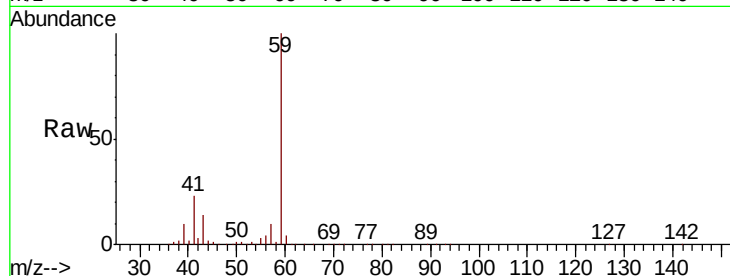


#11

Tert butyl alcohol
 Concen: 272.137 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

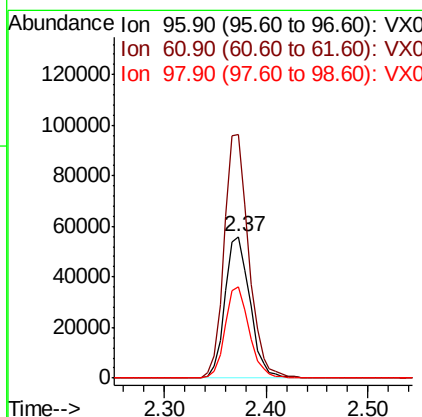
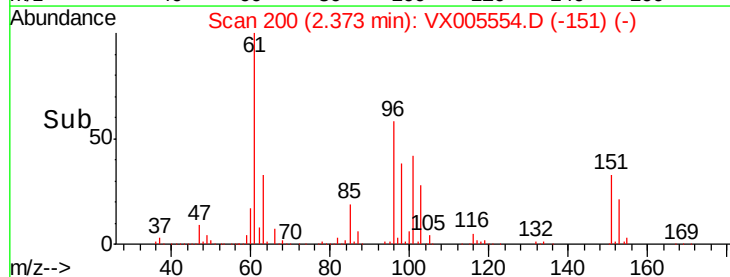
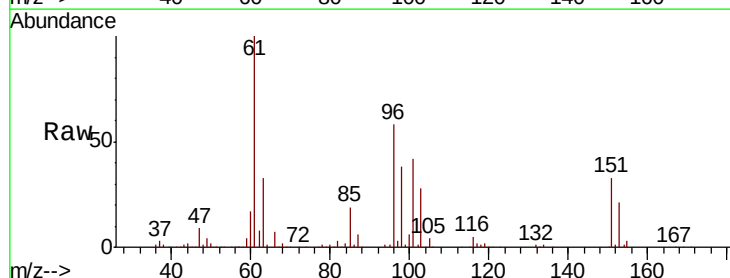
Tot Ion: 59 Resp: 187565
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

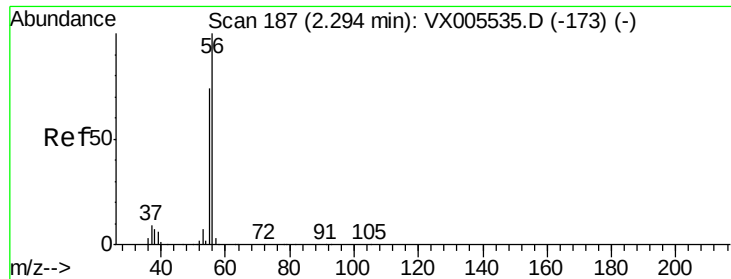


#12

1,1-Dichloroethene
 Concen: 48.187 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 96 Resp: 94908
 Ion Ratio Lower Upper
 96 100
 61 171.9 128.8 193.2
 98 64.9 52.2 78.2





#13

Acrolein

Concen: 259.078 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

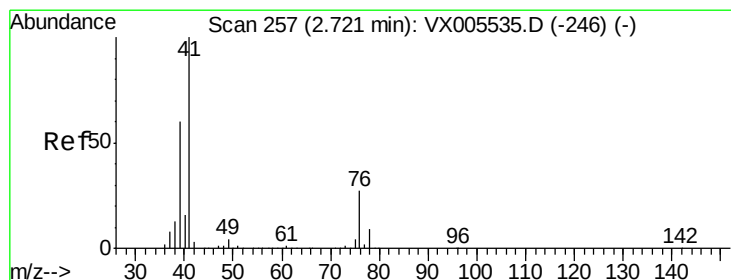
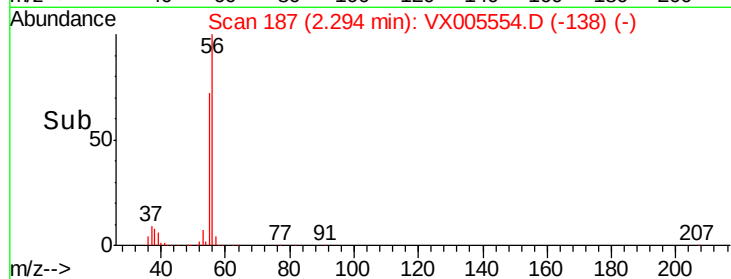
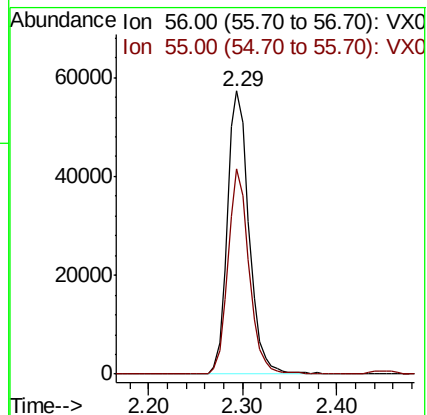
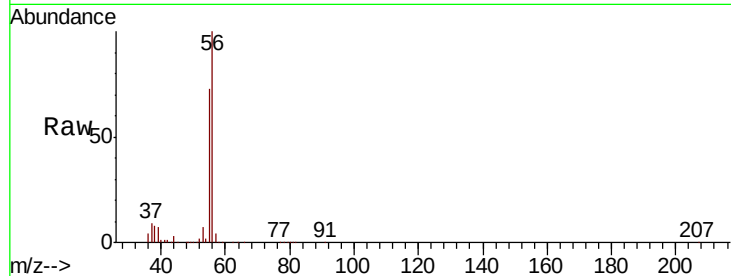
S37-0008MSD

Tot Ion: 56 Resp: 91087

Ion Ratio Lower Upper

56 100

55 70.8 54.7 82.1



#14

Allyl chloride

Concen: 48.844 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

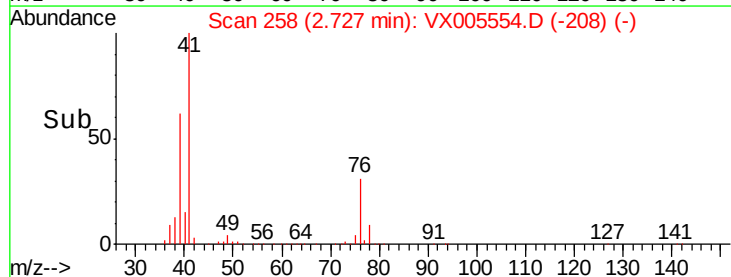
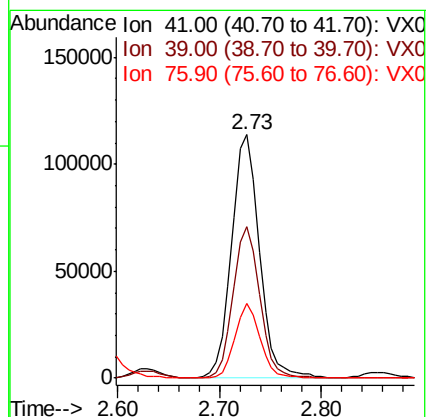
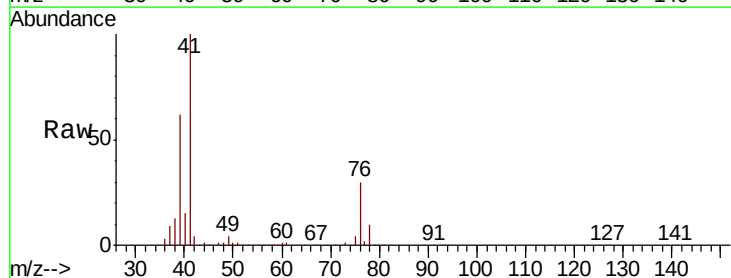
Tgt Ion: 41 Resp: 214703

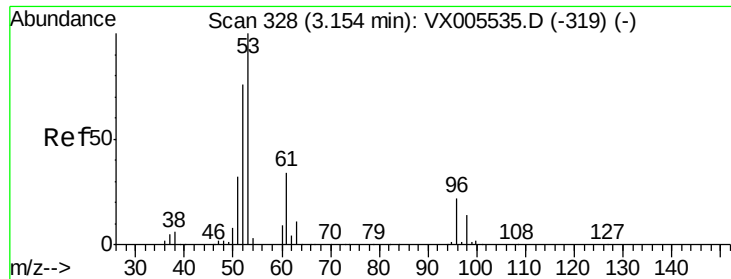
Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

76 27.5 26.7 40.1





#15

Acrylonitrile

Concen: 250.229 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

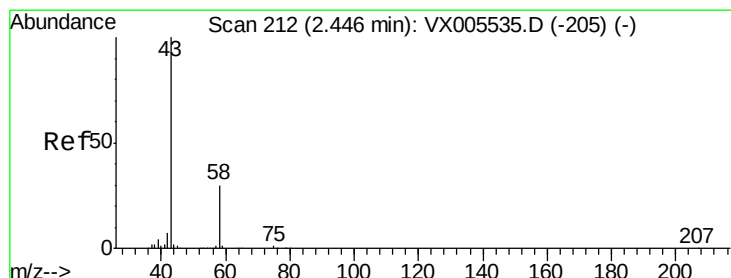
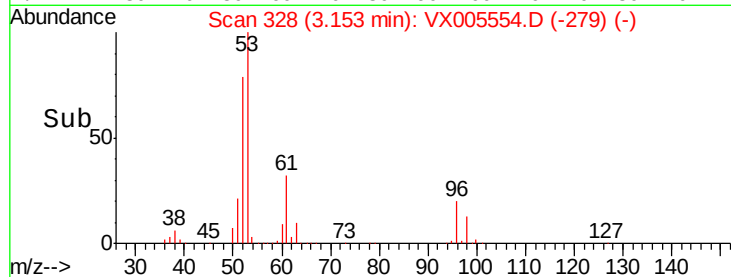
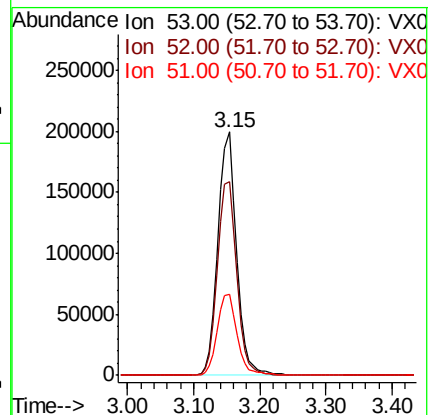
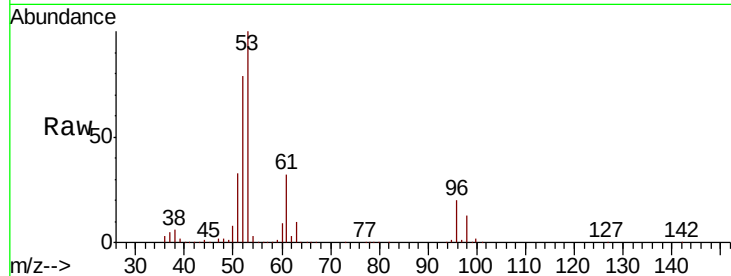
Tot Ion: 53 Resp: 386733

Ion Ratio Lower Upper

53 100

52 82.5 65.2 97.8

51 35.4 28.2 42.2



#16

Acetone

Concen: 282.433 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005554.D

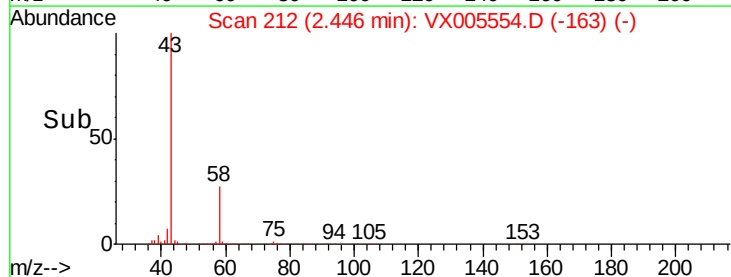
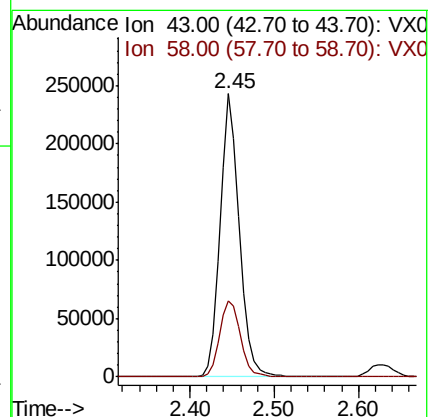
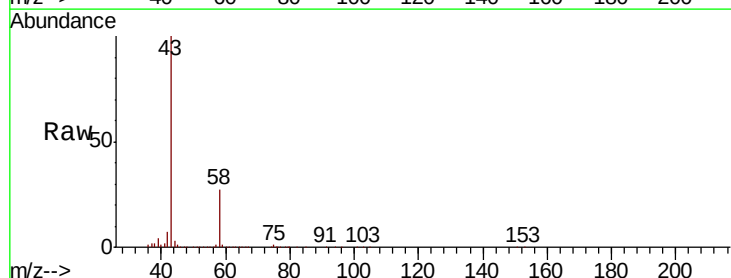
Acq: 24 Oct 2018 20:59

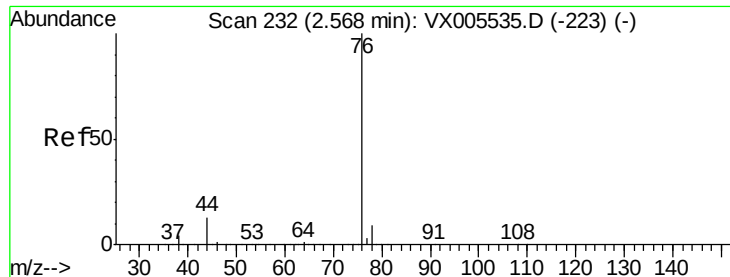
Tgt Ion: 43 Resp: 382247

Ion Ratio Lower Upper

43 100

58 27.0 26.2 39.4

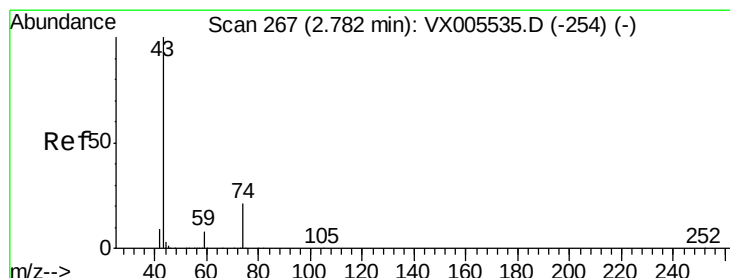
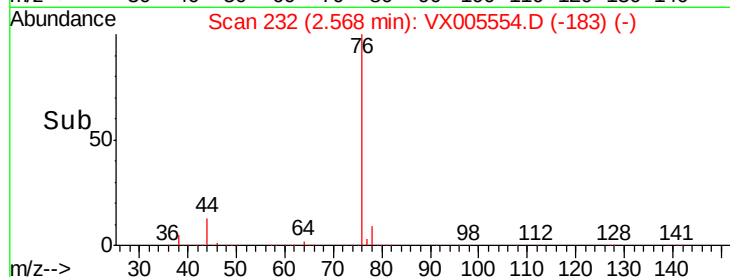
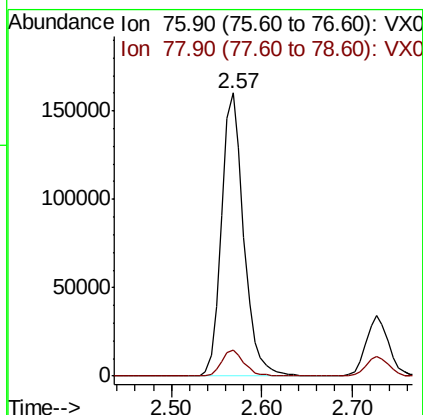
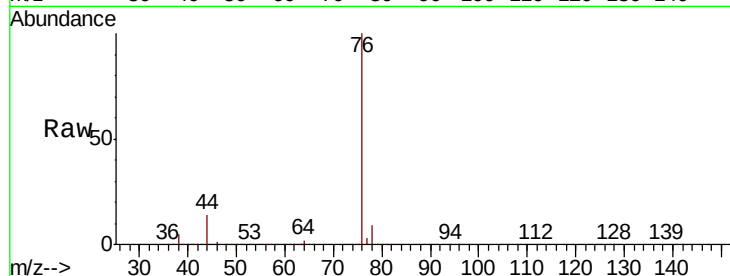




#17
Carbon Disulfide
Concen: 45.491 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

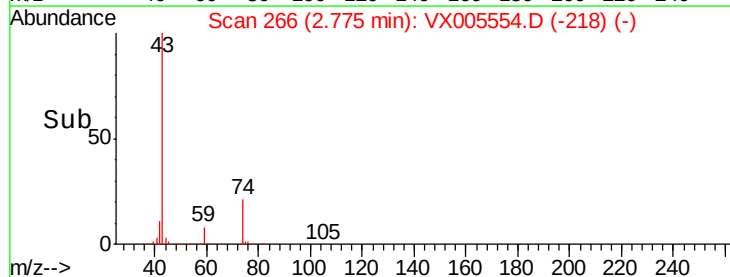
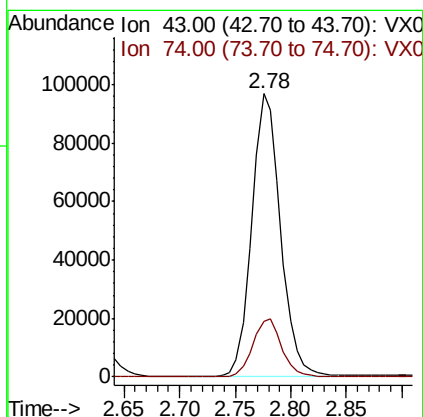
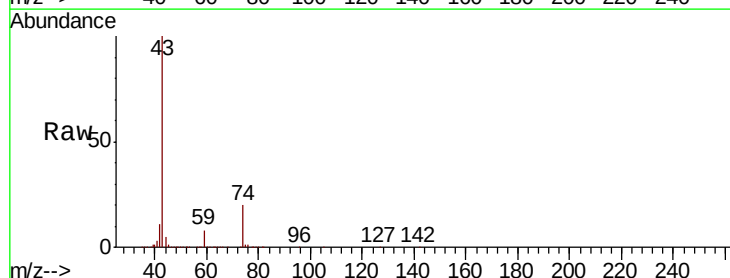
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

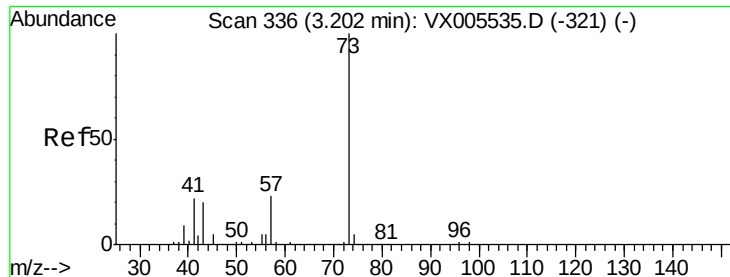
Tot Ion: 76 Resp: 273129
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 52.125 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 43 Resp: 174068
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2



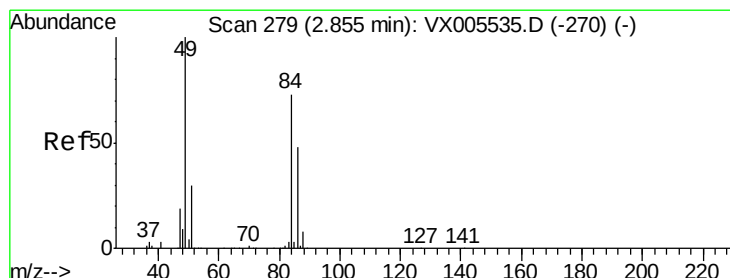
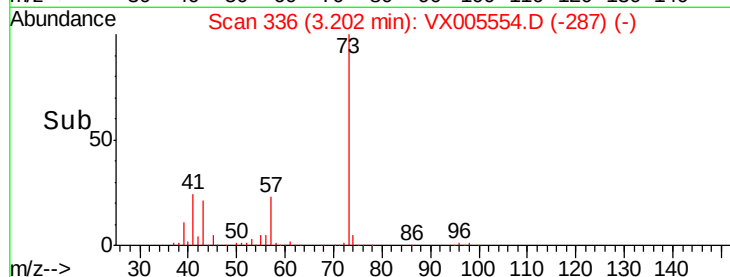
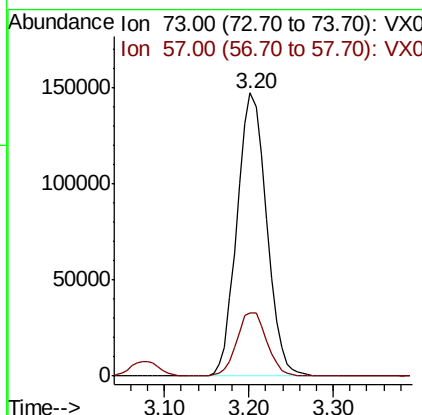
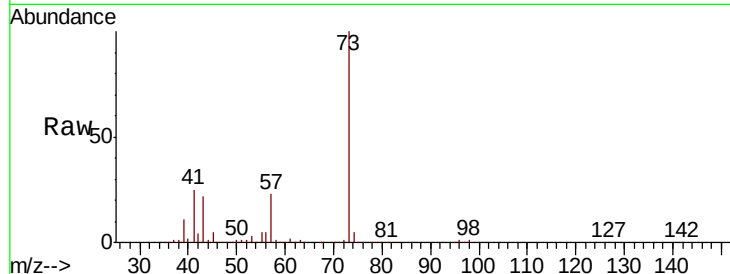


#19

Methyl tert-butyl Ether
 Concen: 49.632 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

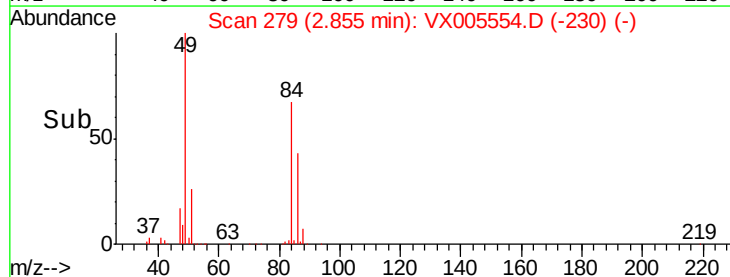
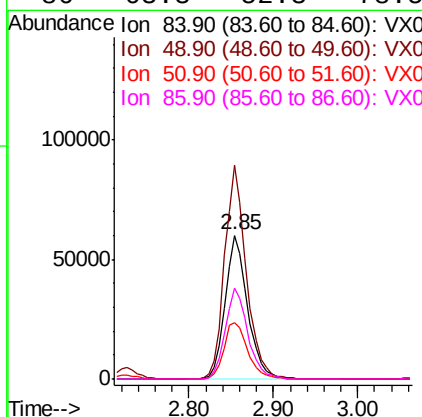
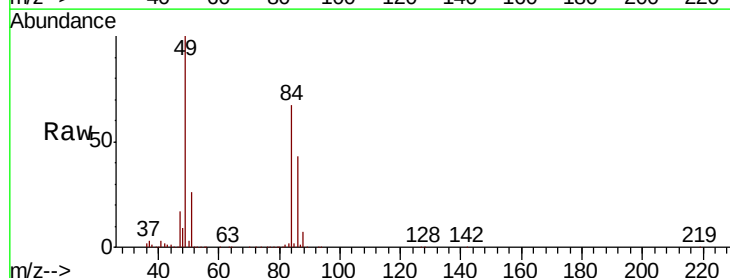
Tot Ion: 73 Resp: 348703
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.1 25.7

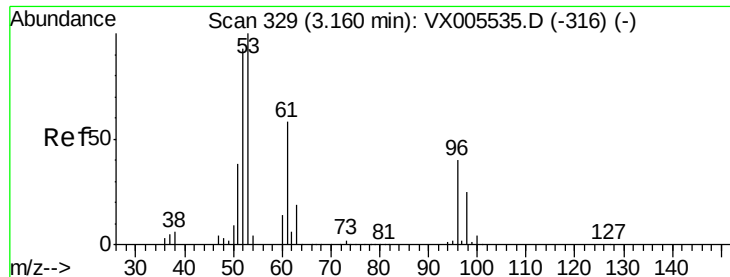


#20

Methylene Chloride
 Concen: 48.377 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 84 Resp: 109658
 Ion Ratio Lower Upper
 84 100
 49 148.4 101.2 151.8
 51 38.7 29.5 44.3
 86 63.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.114 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

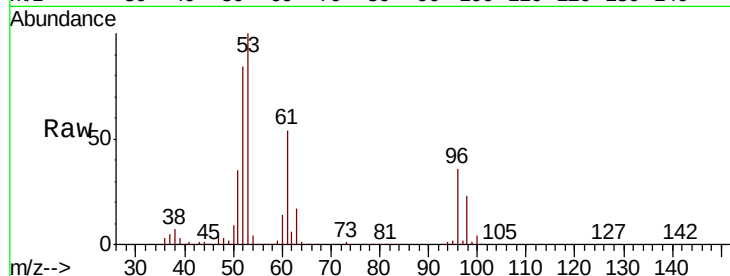
Tot Ion: 96 Resp: 101318

Ion Ratio Lower Upper

96 100

61 150.0 113.8 170.6

98 63.3 51.8 77.8

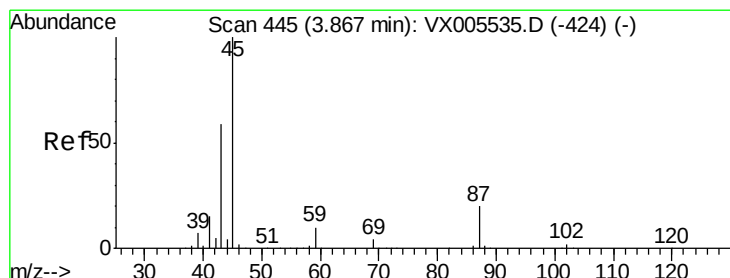
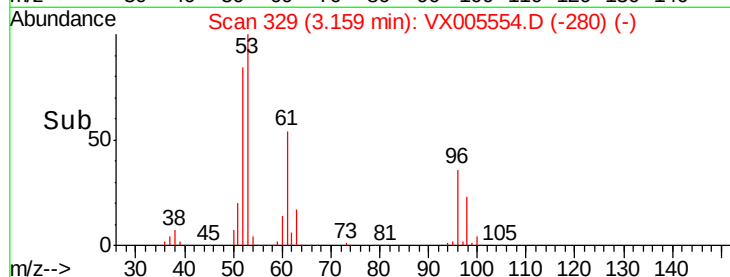
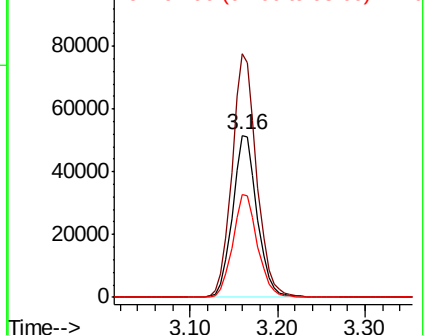


Abundance

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: 46.463 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Tgt Ion: 45 Resp: 356661

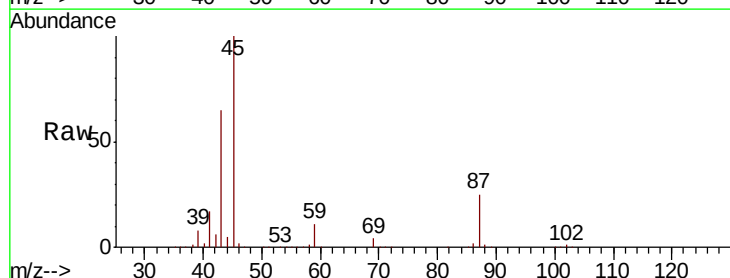
Ion Ratio Lower Upper

45 100

43 64.6 42.8 64.2#

87 25.4 22.6 34.0

59 10.9 9.6 14.4



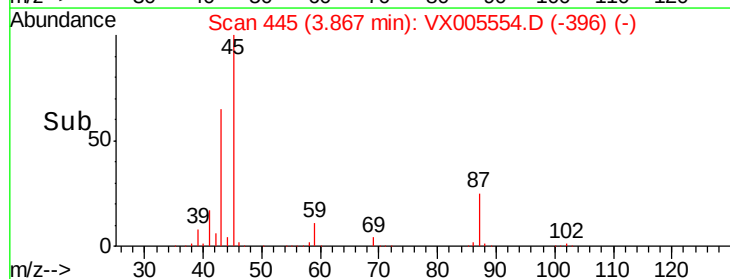
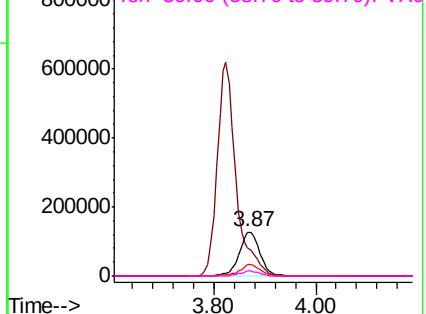
Abundance

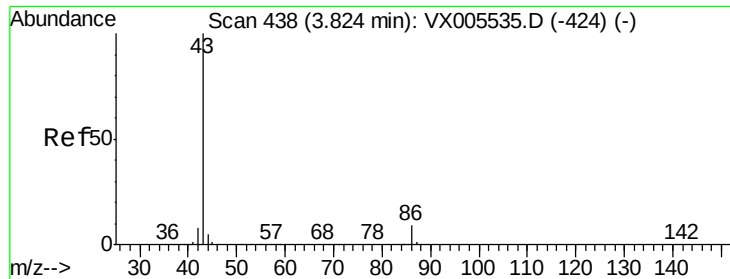
Ion 45.00 (44.70 to 45.70): VX0

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: 235.222 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

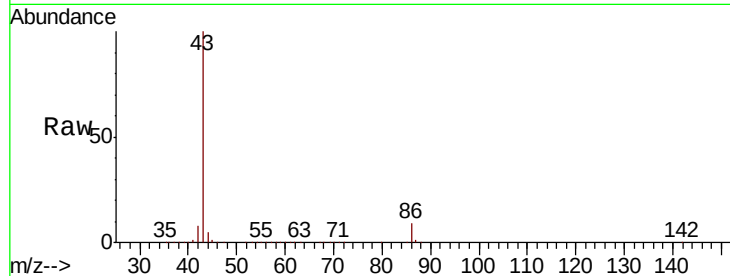
S37-0008MSD

Tot Ion: 43 Resp: 1590217

Ion Ratio Lower Upper

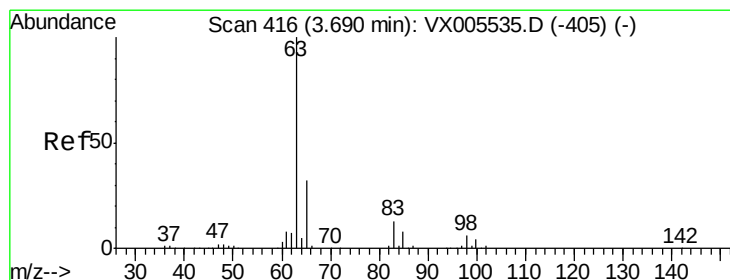
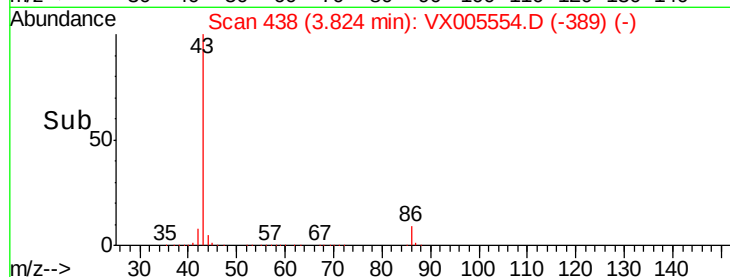
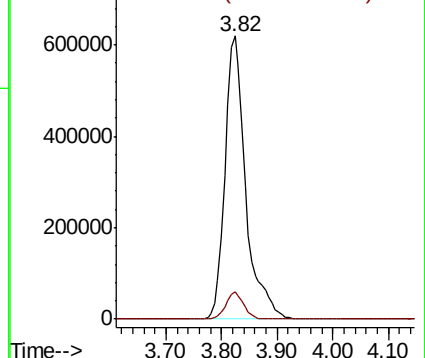
43 100

86 9.5 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: 48.957 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

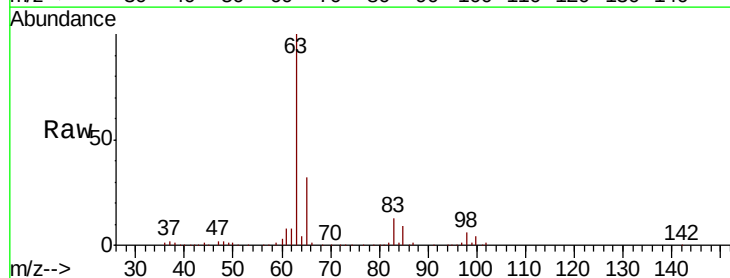
Tgt Ion: 63 Resp: 204317

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

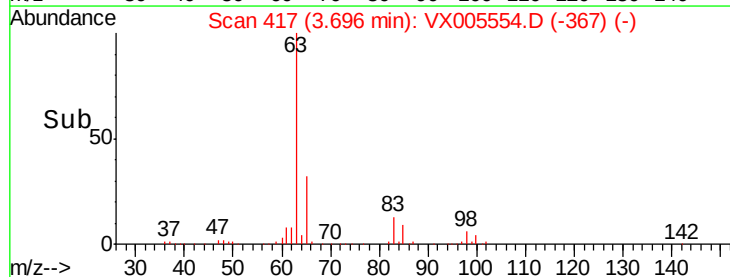
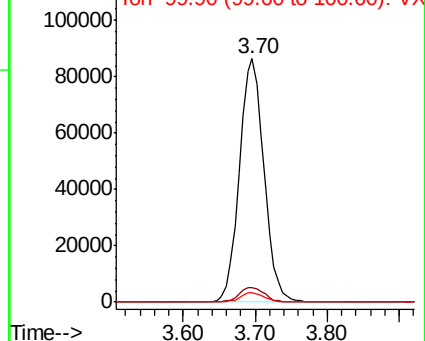
100 3.9 2.4 7.1

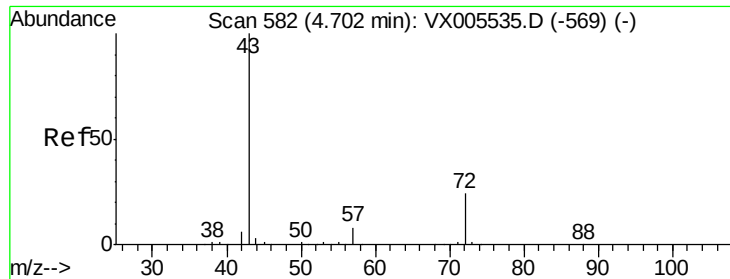


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.706 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

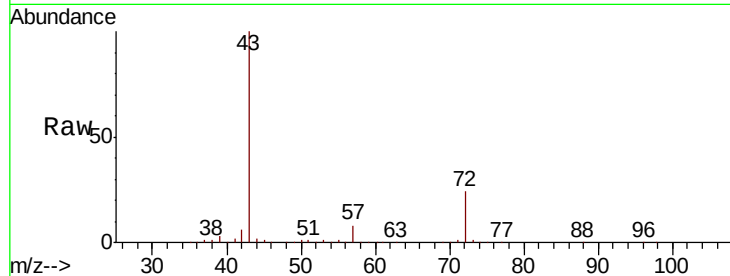
S37-0008MSD

Tot Ion: 43 Resp: 518759

Ion Ratio Lower Upper

43 100

72 24.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

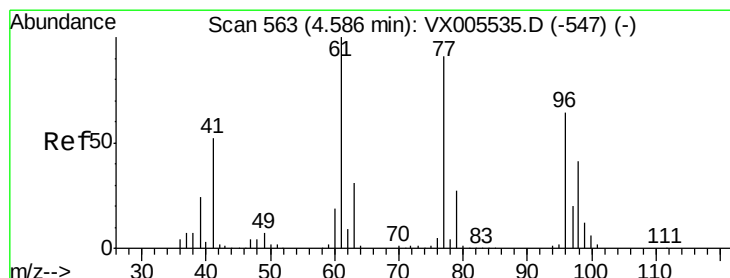
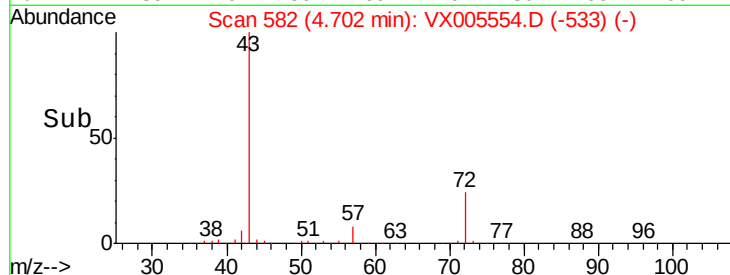
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.186 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005554.D

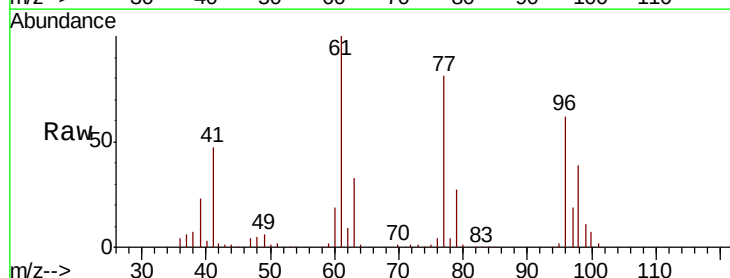
Acq: 24 Oct 2018 20:59

Tgt Ion: 77 Resp: 139148

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

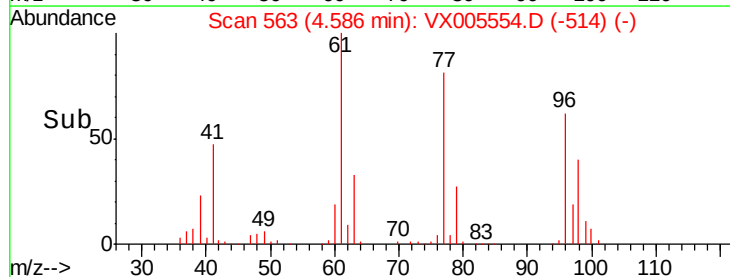
30000

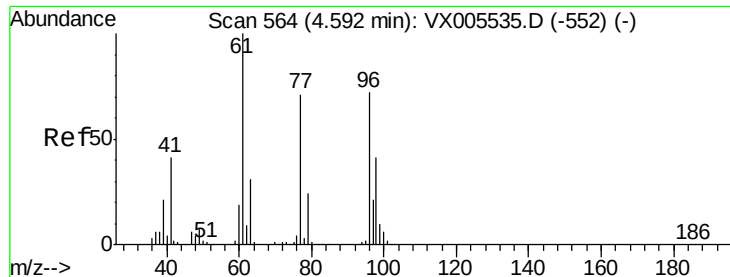
20000

10000

0

Time-->



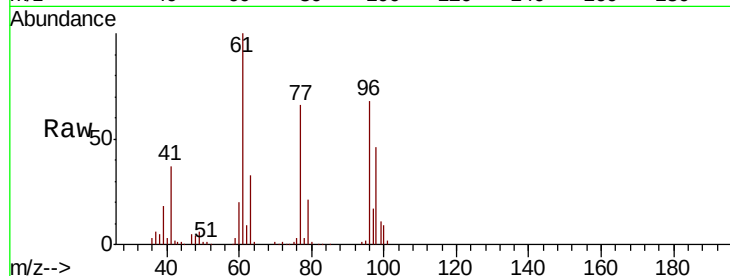


#27

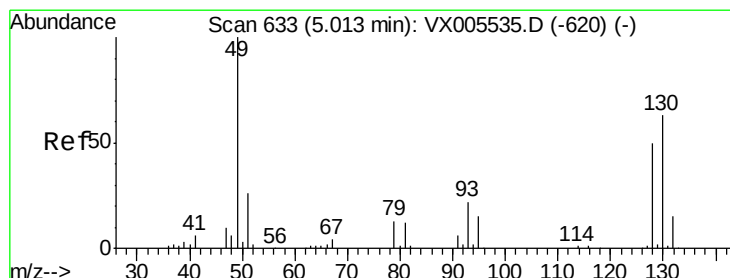
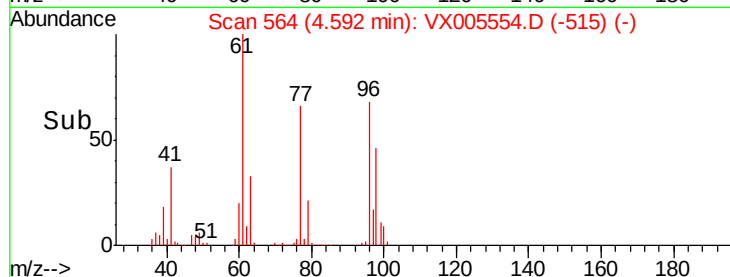
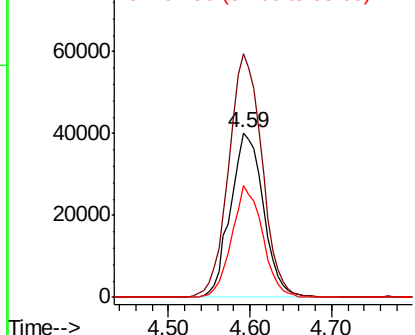
cis-1,2-Dichloroethene
 Concen: 48.316 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	282.6
98	63.7	0.0	130.2



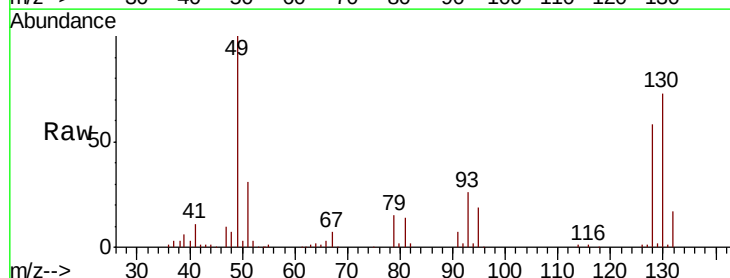
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



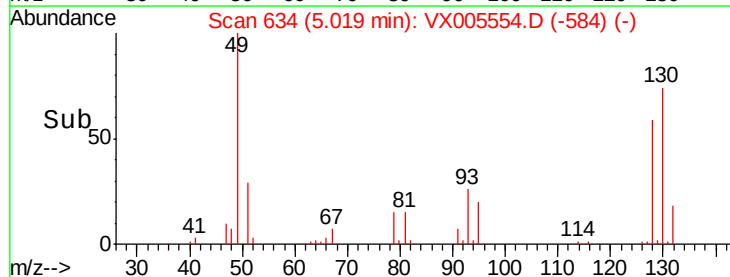
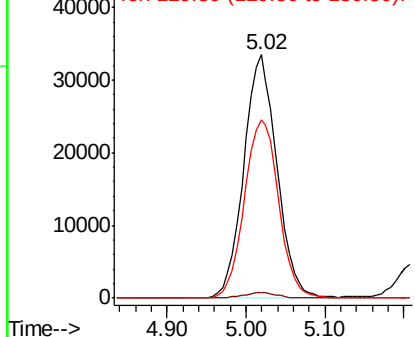
#28

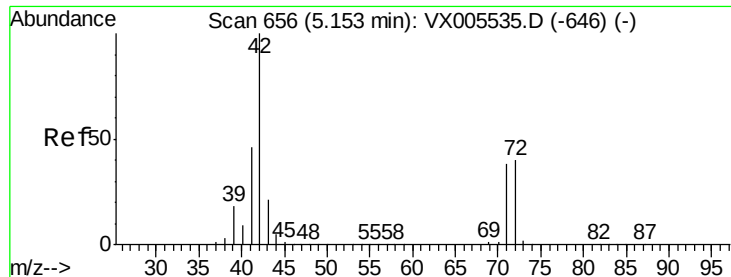
Bromochloromethane
 Concen: 48.476 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.5	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

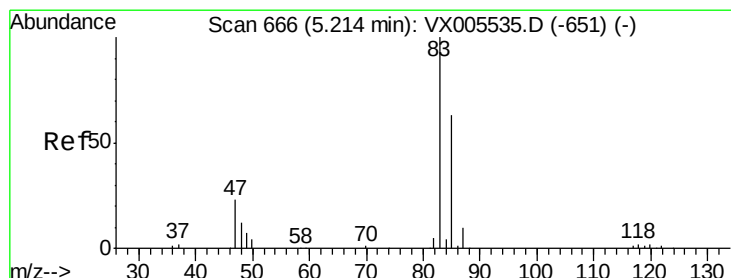
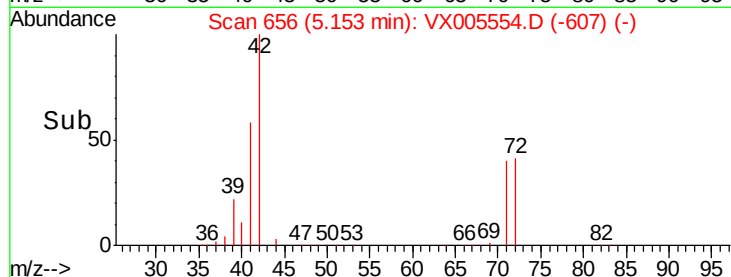
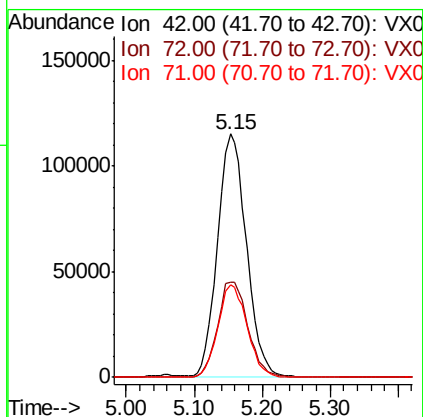
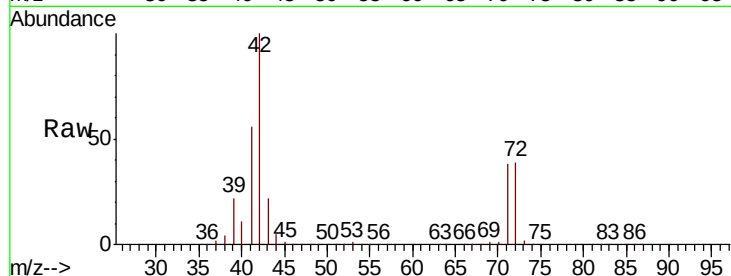




#29
Tetrahydrofuran
Concen: 253.813 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

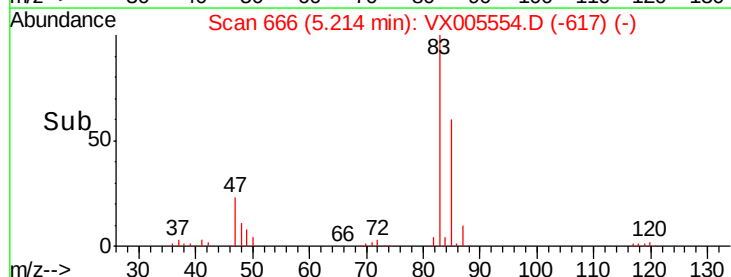
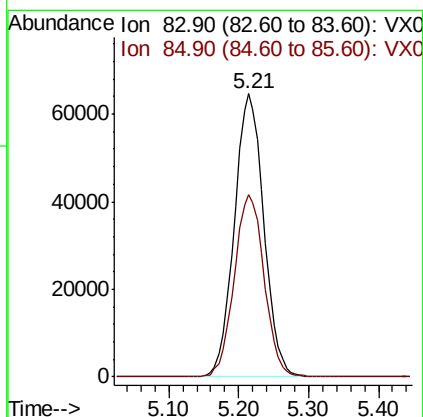
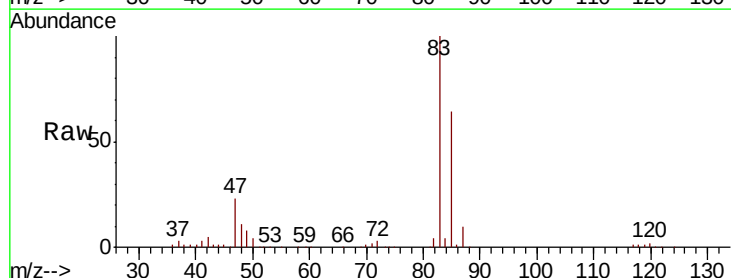
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

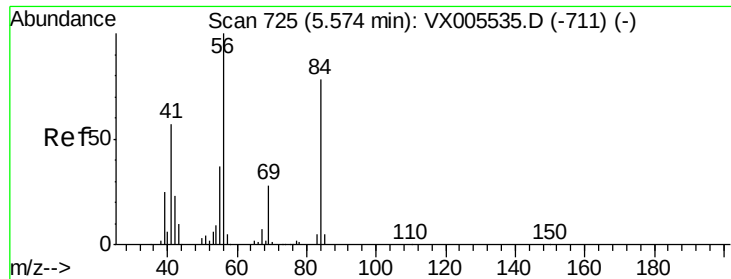
Tot Ion: 42 Resp: 340422
Ion Ratio Lower Upper
42 100
72 41.1 37.4 56.0
71 38.4 34.5 51.7



#30
Chloroform
Concen: 48.403 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 83 Resp: 188957
Ion Ratio Lower Upper
83 100
85 64.4 52.6 79.0

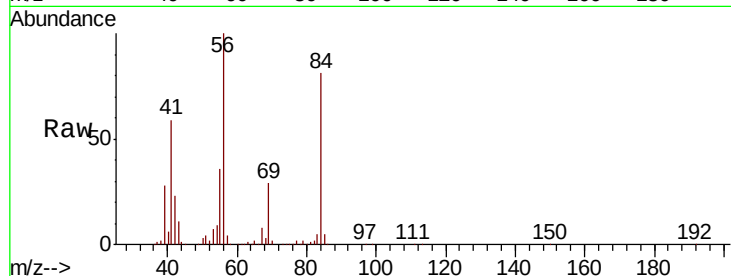




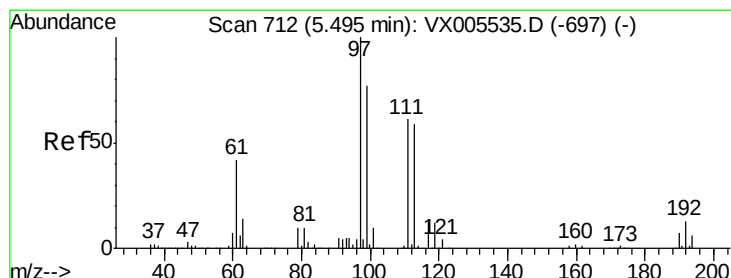
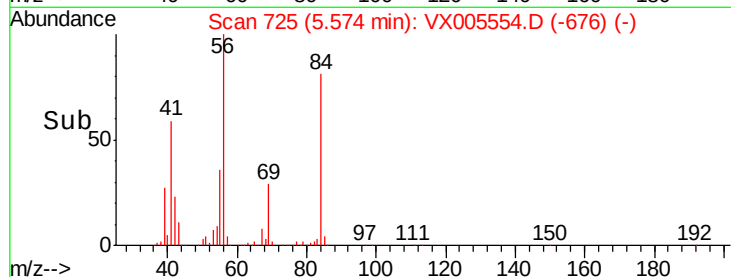
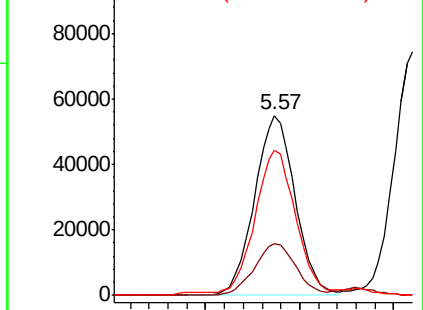
#31
Cyclohexane
Concen: 48.119 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Tot Ion: 56 Resp: 166158
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.2
84 79.3 71.4 107.2

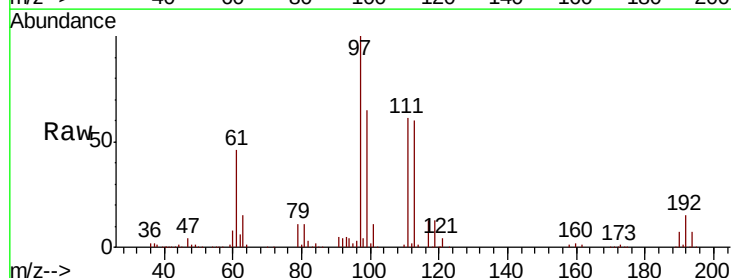


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

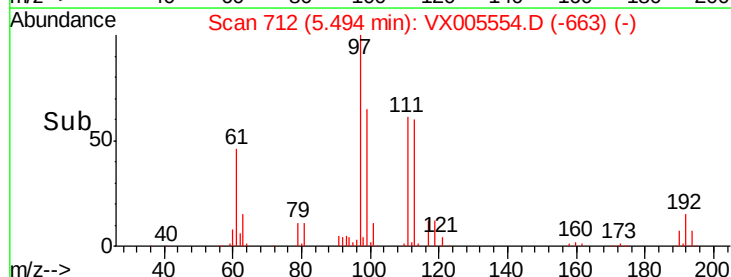
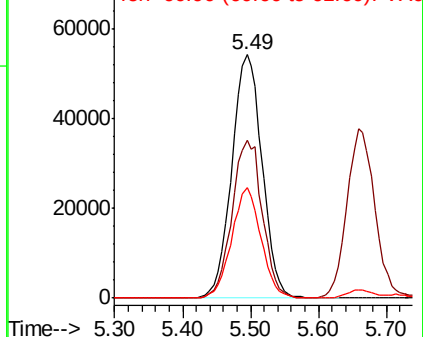


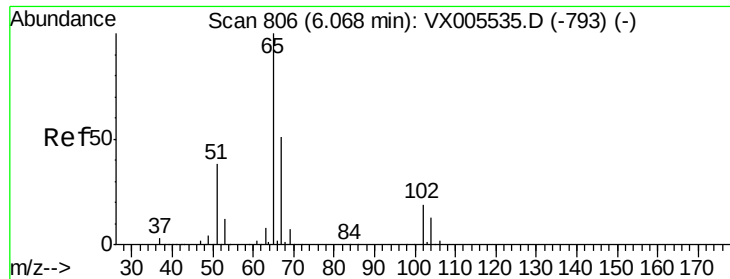
#32
1,1,1-Trichloroethane
Concen: 48.518 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 97 Resp: 167171
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 44.1 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

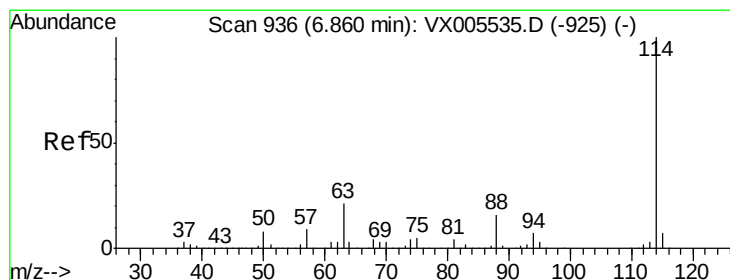
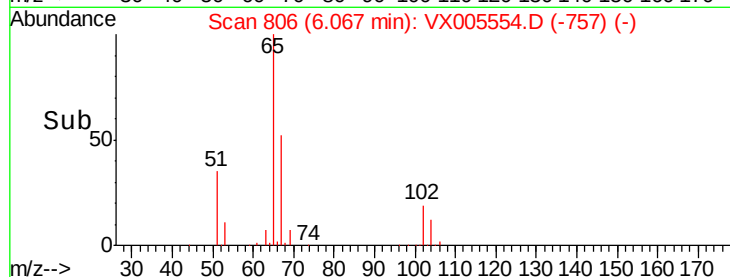
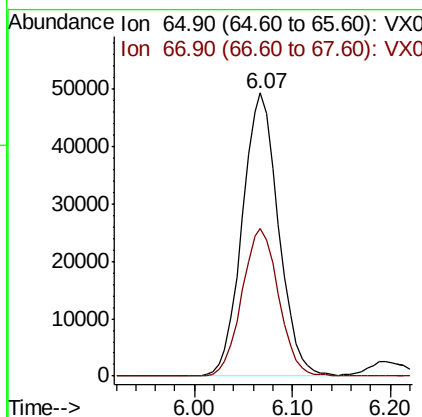
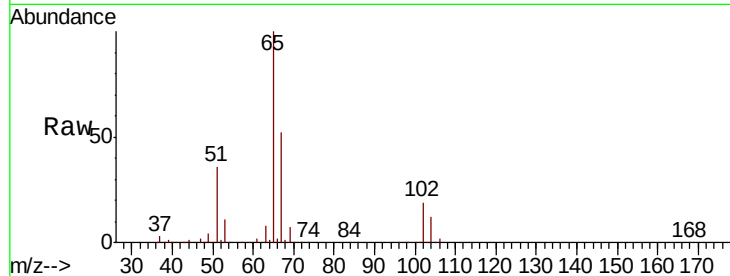




#33
 1,2-Dichloroethane-d4
 Concen: 49.389 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

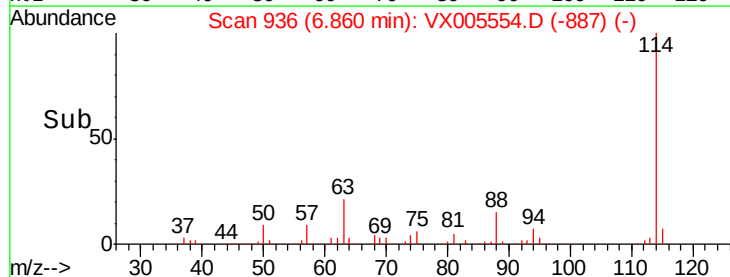
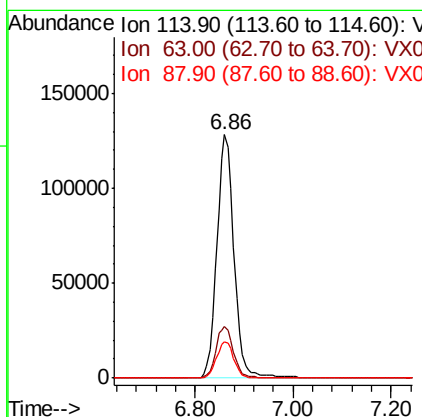
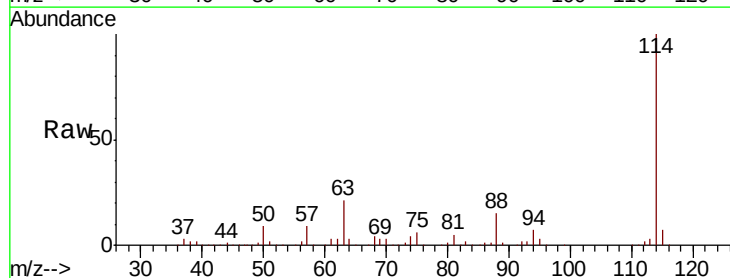
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

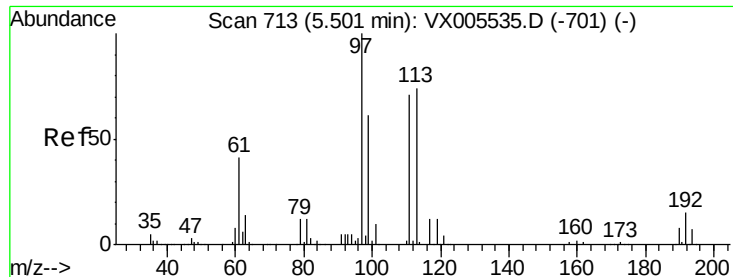
Tot Ion: 65 Resp: 126498
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 114 Resp: 311986
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 14.9 0.0 30.4

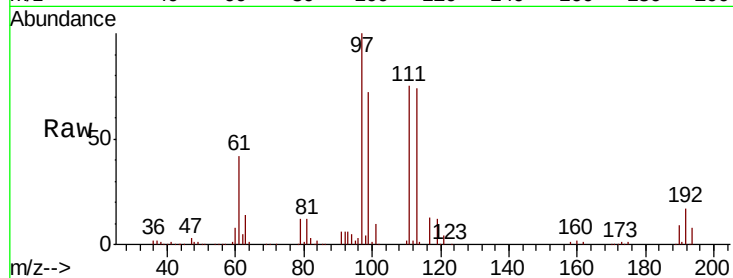




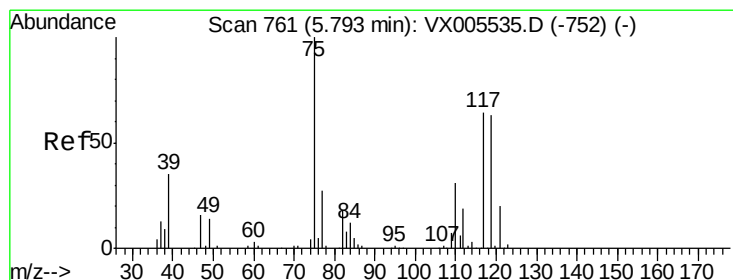
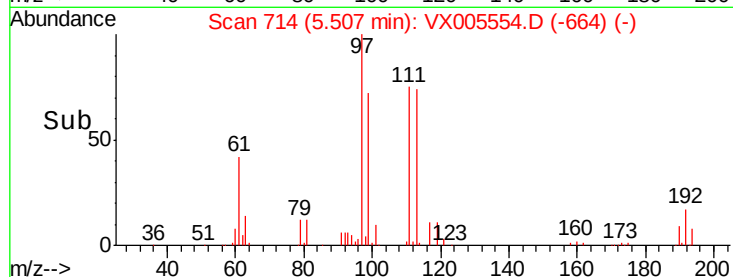
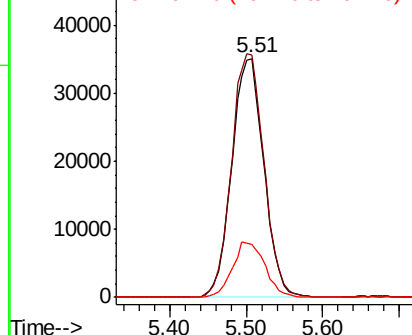
#35
 Dibromofluoromethane
 Concen: 48.173 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

Tot Ion:113 Resp: 101766
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 23.4 19.4 29.2

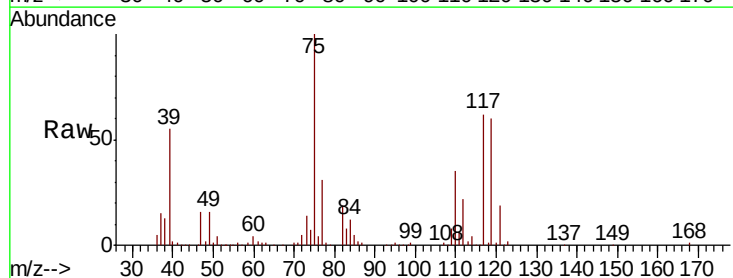


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

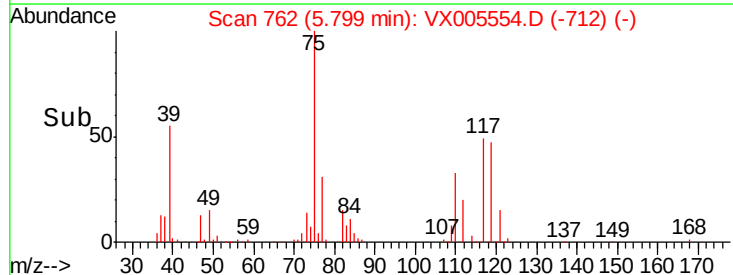
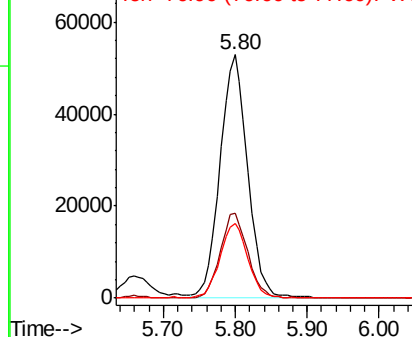


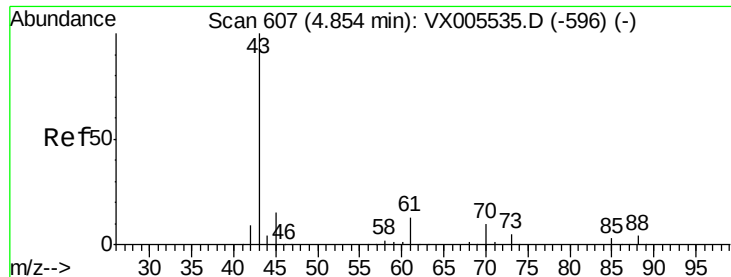
#36
 1,1-Dichloropropene
 Concen: 46.111 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 75 Resp: 139609
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.0 54.0
 77 30.8 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.492 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

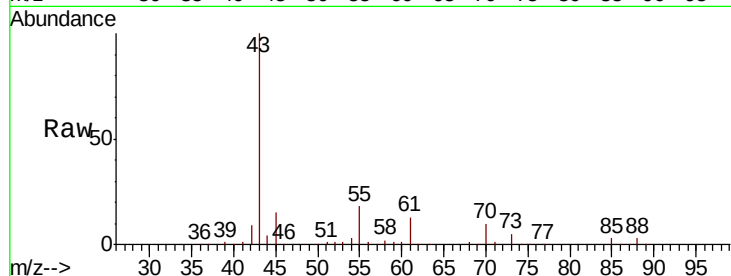
Tot Ion: 43 Resp: 179625

Ion Ratio Lower Upper

43 100

61 13.4 11.5 17.3

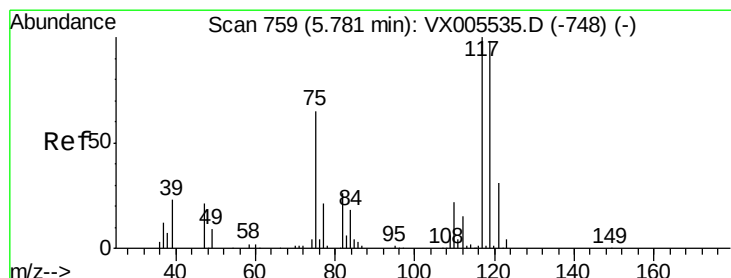
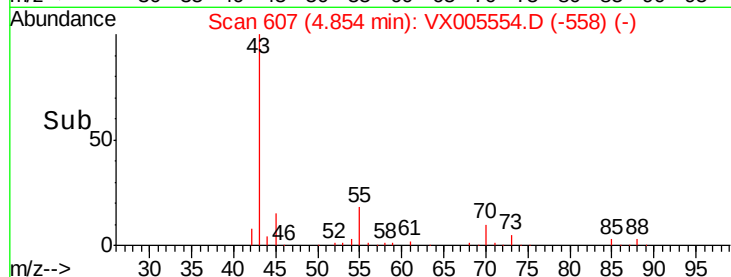
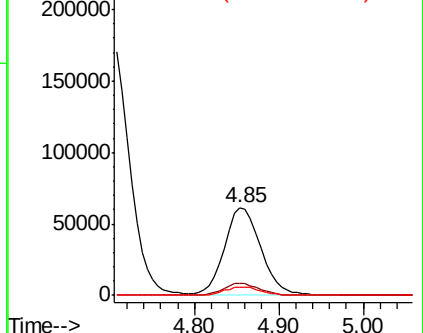
70 9.8 9.0 13.6



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: 46.344 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

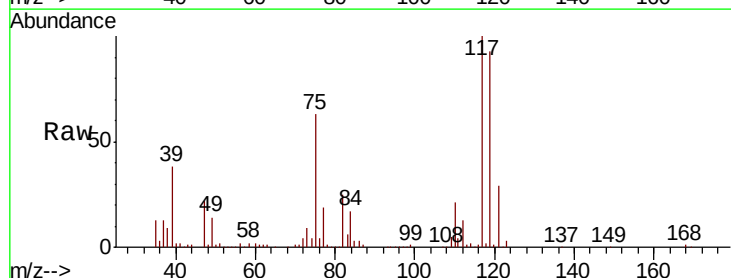
Tgt Ion: 117 Resp: 147783

Ion Ratio Lower Upper

117 100

119 93.3 78.8 118.2

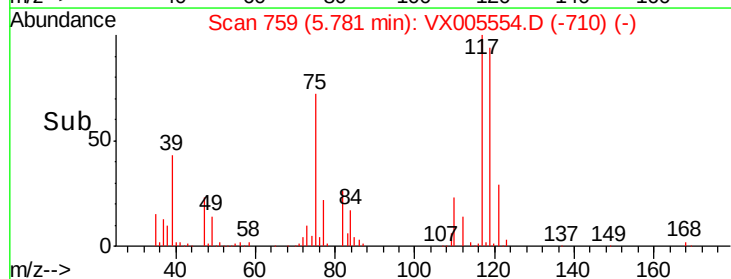
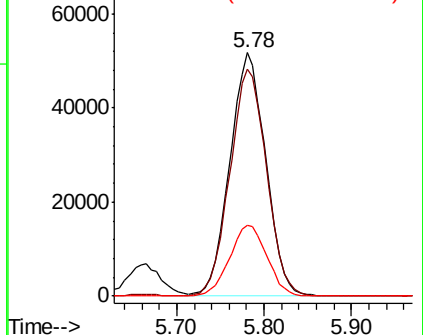
121 29.3 24.9 37.3

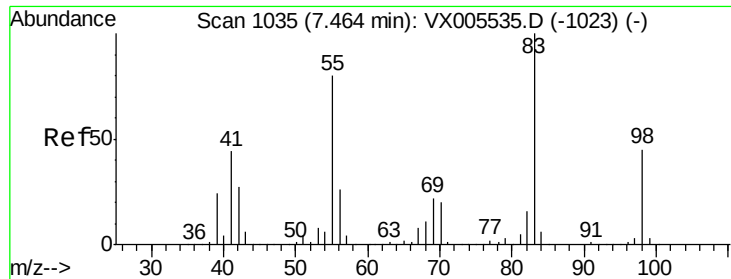


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

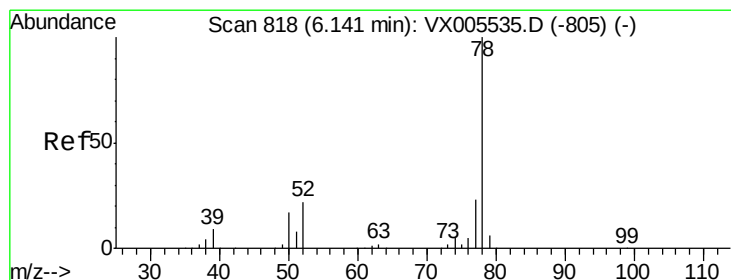
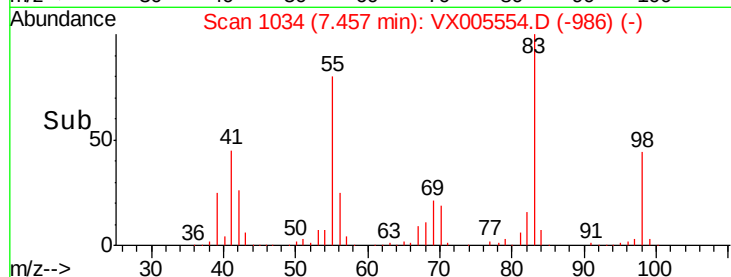
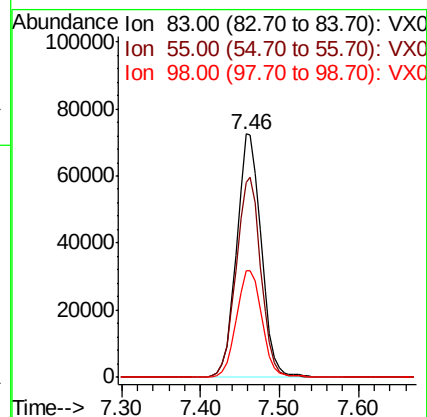
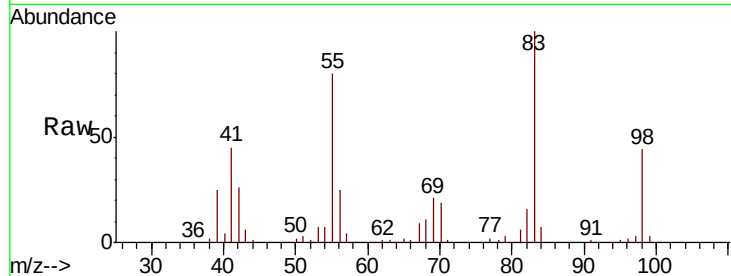




#39
Methylvlcyclohexane
Concen: 47.198 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

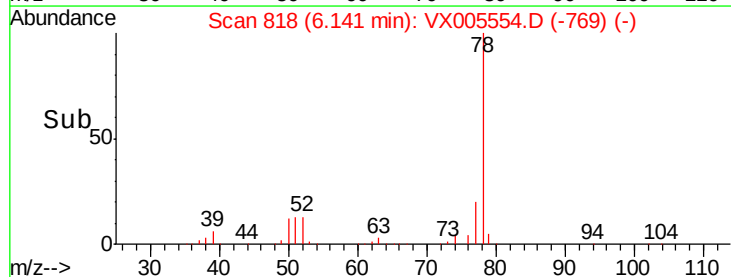
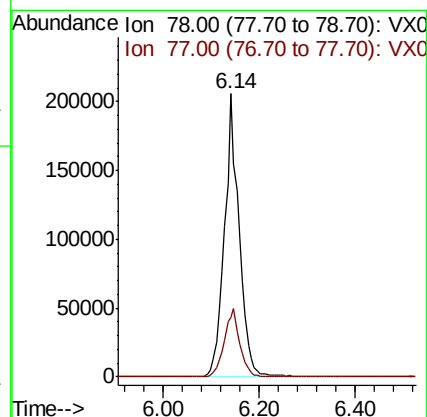
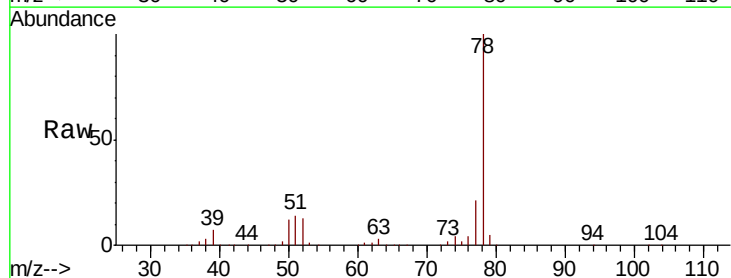
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

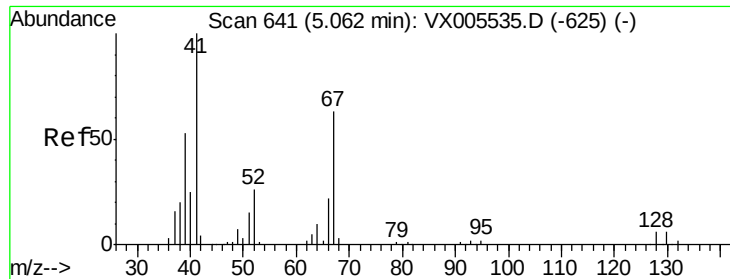
Tot Ion: 83 Resp: 157794
Ion Ratio Lower Upper
83 100
55 80.3 61.0 91.4
98 44.0 39.6 59.4



#40
Benzene
Concen: 50.644 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 78 Resp: 439551
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.4

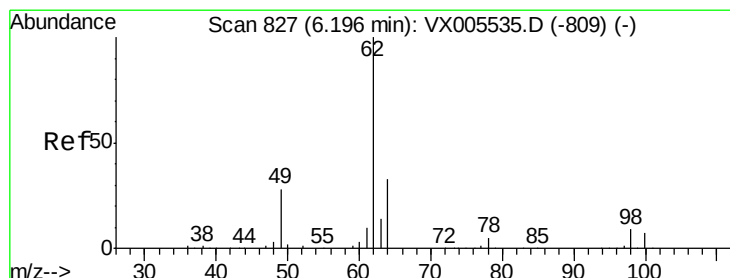
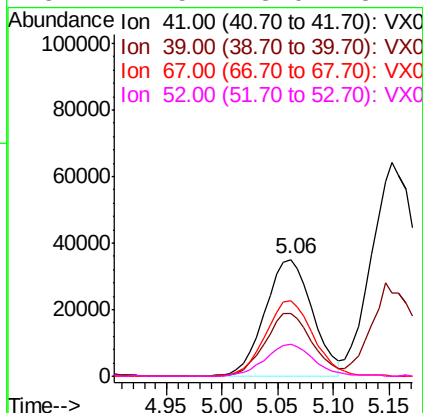
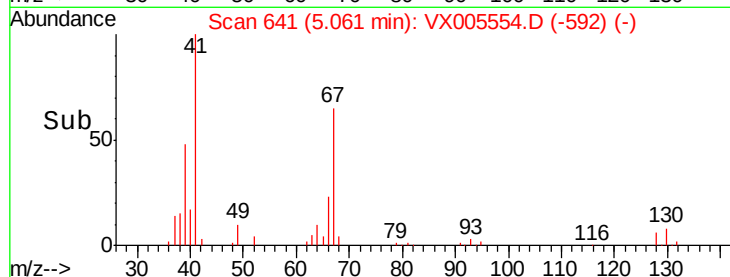
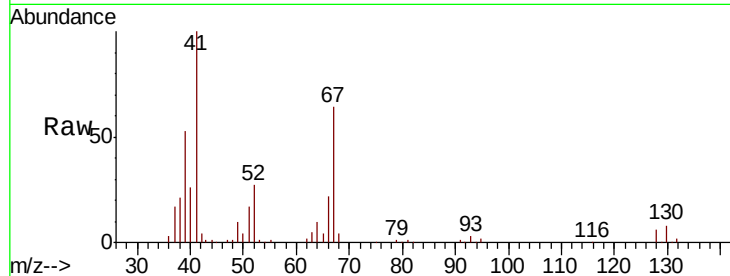




#41
Methacrylonitrile
Concen: 48.018 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

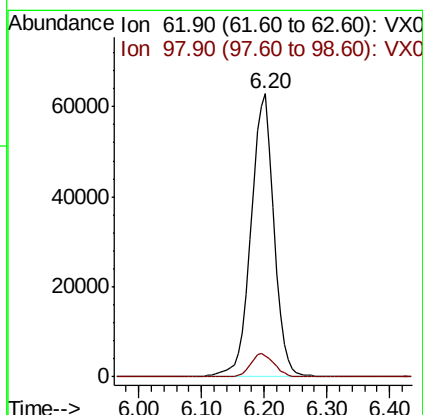
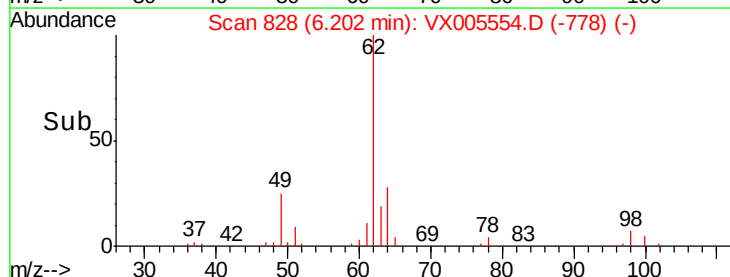
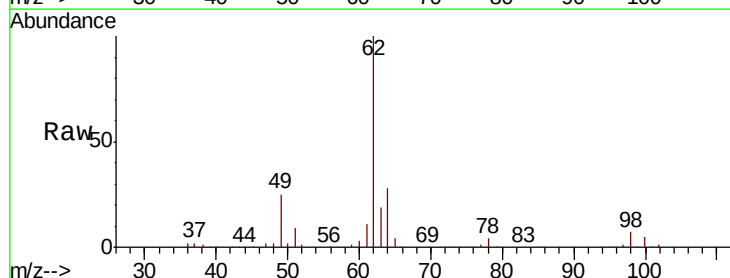
Instrument :
MSVOA_X
ClientSampleID :
S37-0008MSD

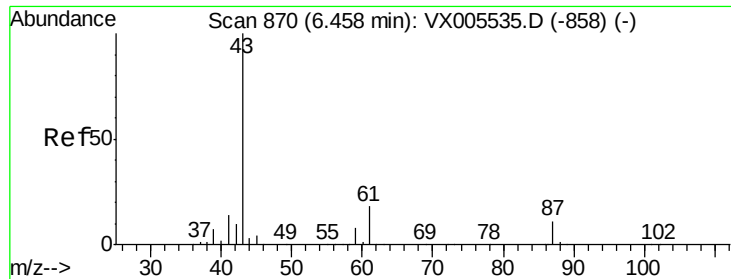
Tot Ion:	41	Resp:	103342
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.4	63.6
67	65.9	59.2	88.8
52	27.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 48.441 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion:	62	Resp:	159717
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 48.034 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampled :

S37-0008MSD

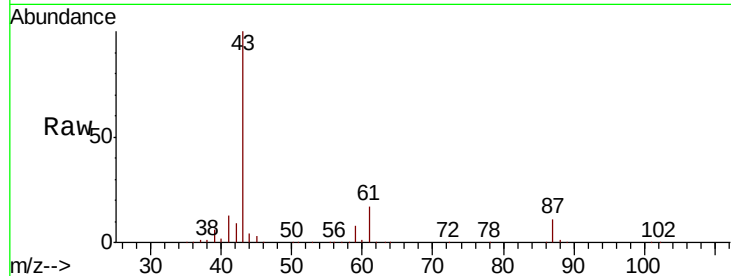
Tot Ion: 43 Resp: 278097

Ion Ratio Lower Upper

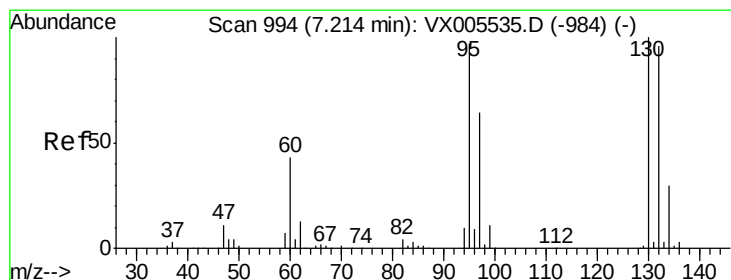
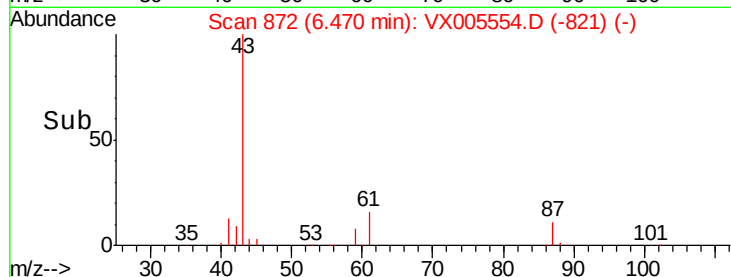
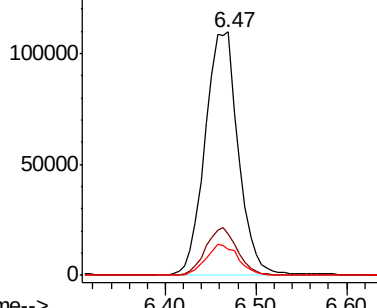
43 100

61 18.9 17.0 25.4

87 12.4 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: 47.773 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005554.D

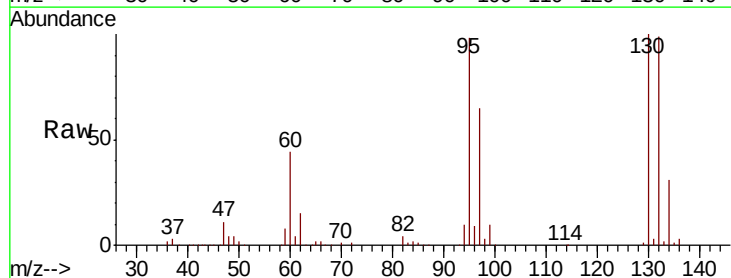
Acq: 24 Oct 2018 20:59

Tgt Ion:130 Resp: 112956

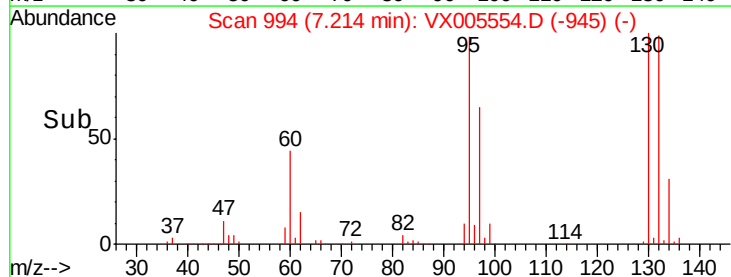
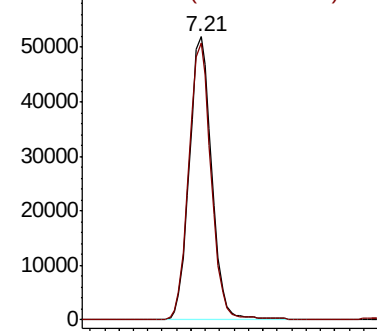
Ion Ratio Lower Upper

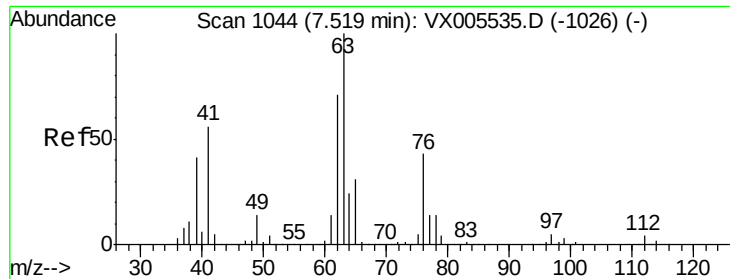
130 100

95 97.7 0.0 181.6



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

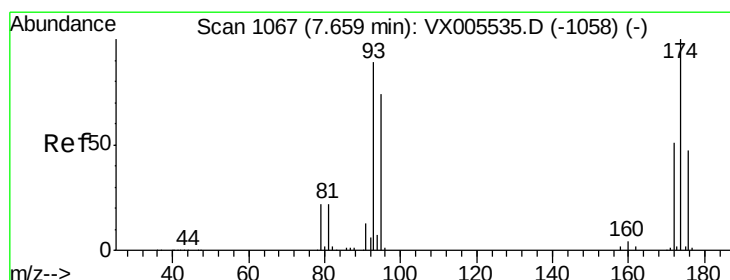
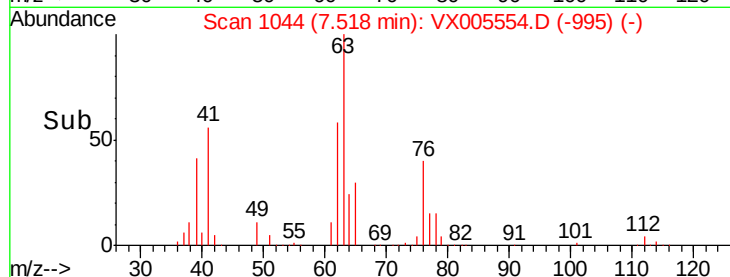
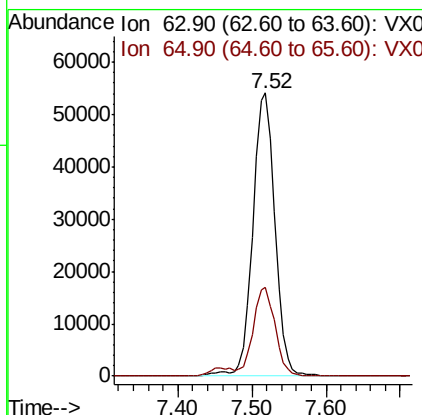
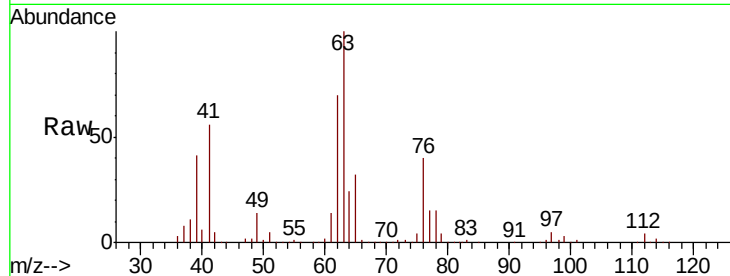




#45
 1,2-Dichloropropane
 Concen: 48.508 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

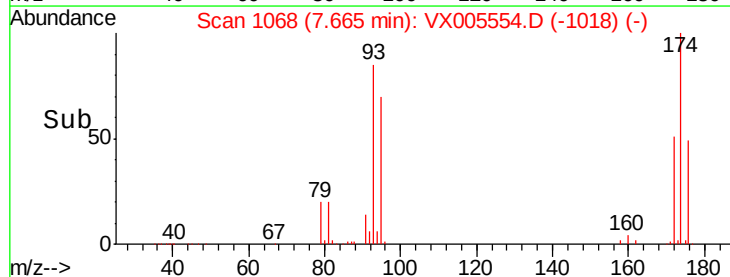
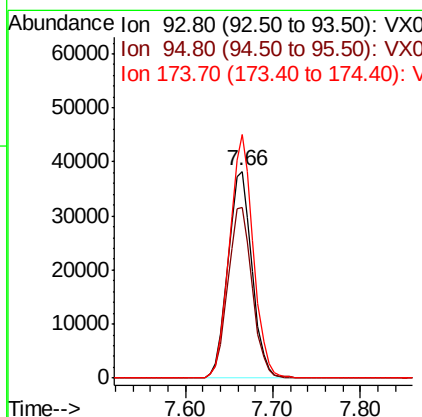
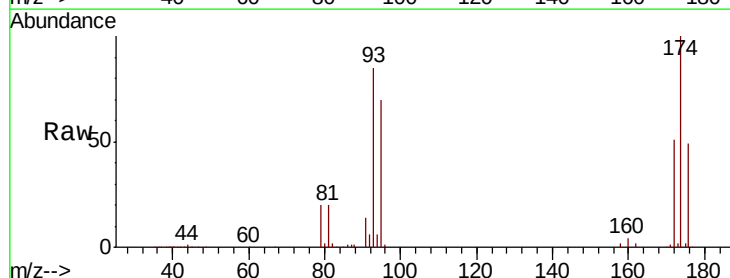
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

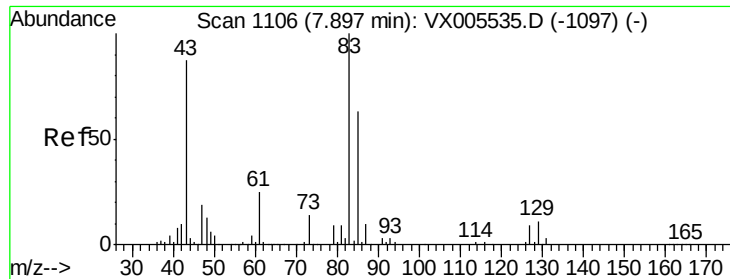
Tot Ion: 63 Resp: 113189
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5



#46
 Dibromomethane
 Concen: 48.599 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 93 Resp: 73242
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 115.7 94.2 141.4





#47

Bromodichloromethane

Concen: 49.306 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

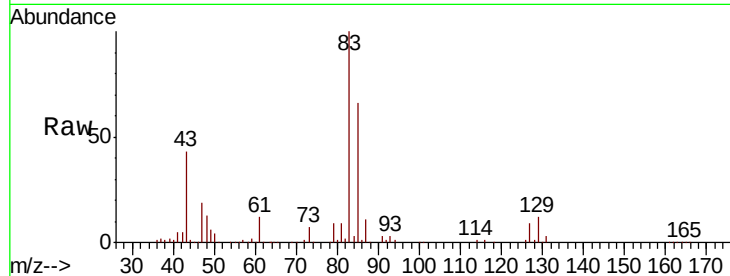
Tot Ion: 83 Resp: 144222

Ion Ratio Lower Upper

83 100

85 65.7 50.9 76.3

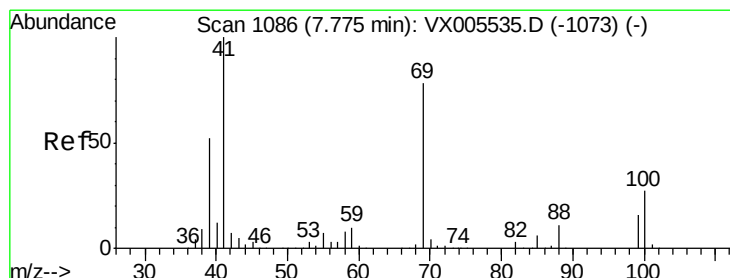
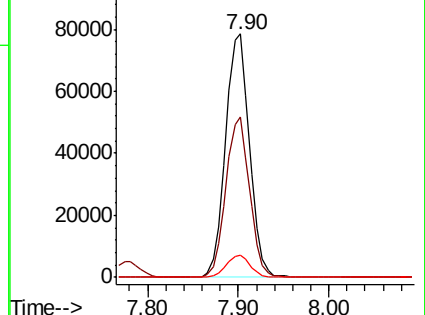
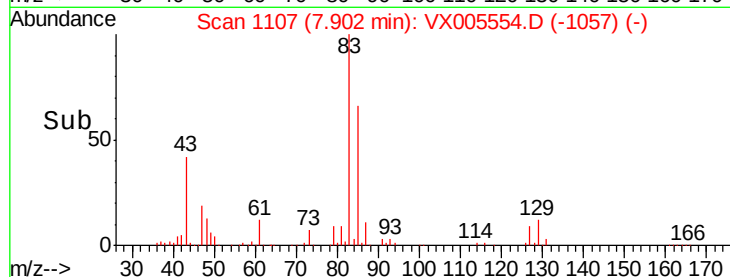
127 9.0 7.3 10.9



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: 52.155 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

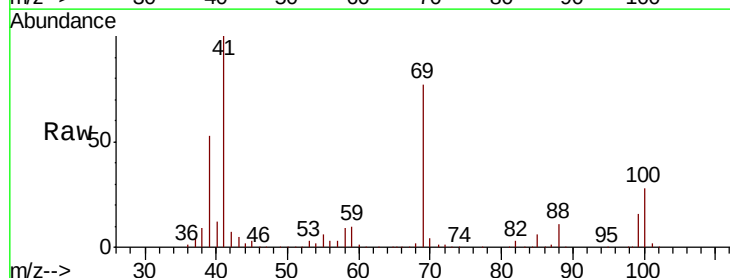
Tgt Ion: 41 Resp: 147102

Ion Ratio Lower Upper

41 100

69 78.4 70.2 105.4

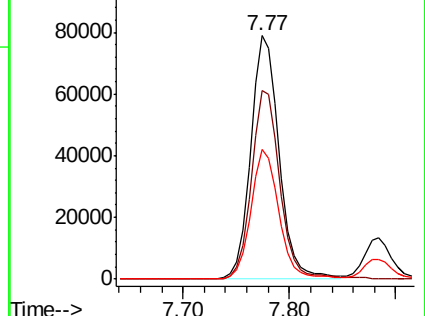
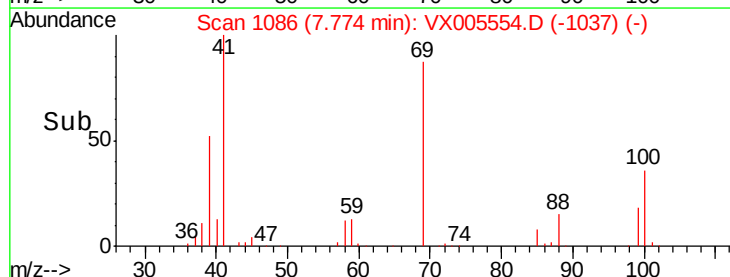
39 52.6 42.7 64.1

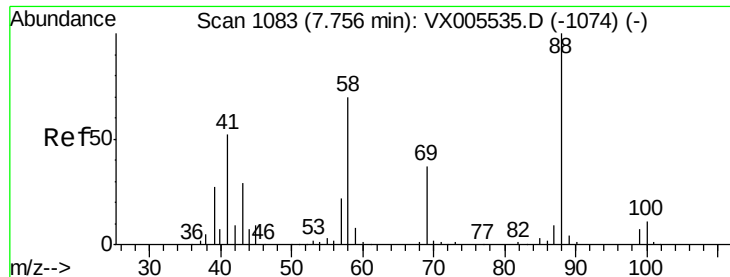


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

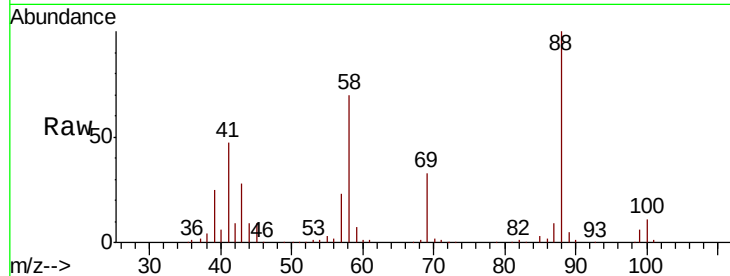




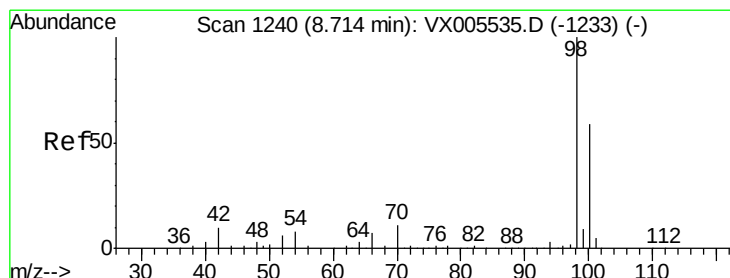
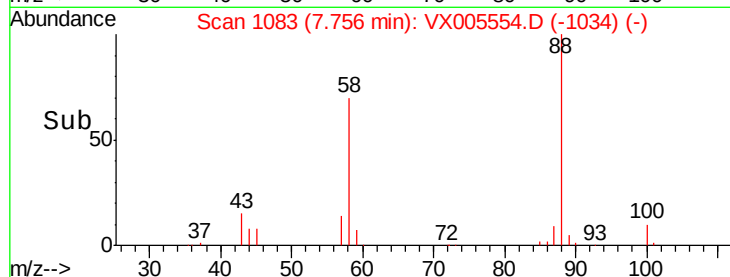
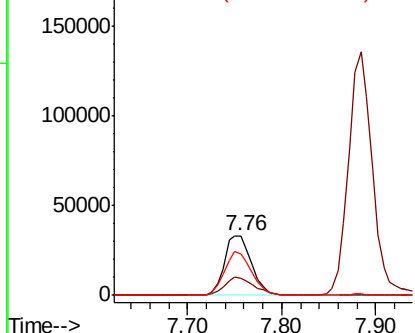
#49
1,4-Dioxane
Concen: 1080.436 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Tot Ion: 88 Resp: 66595
Ion Ratio Lower Upper
88 100
43 33.3 24.7 37.1
58 72.8 55.3 82.9

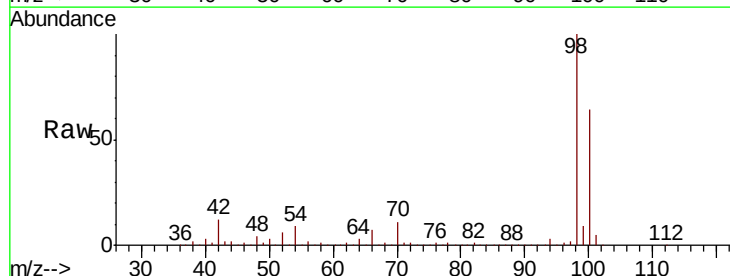


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

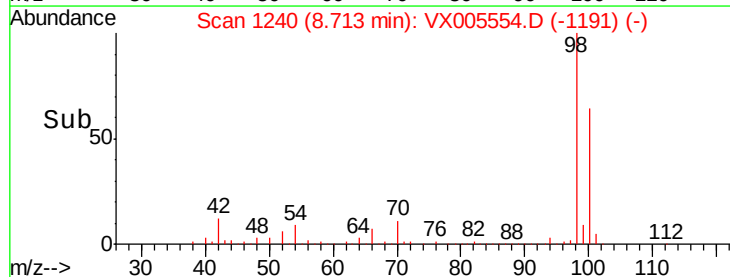
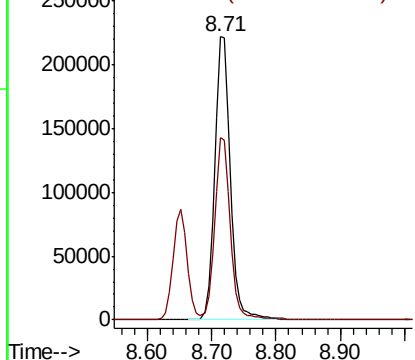


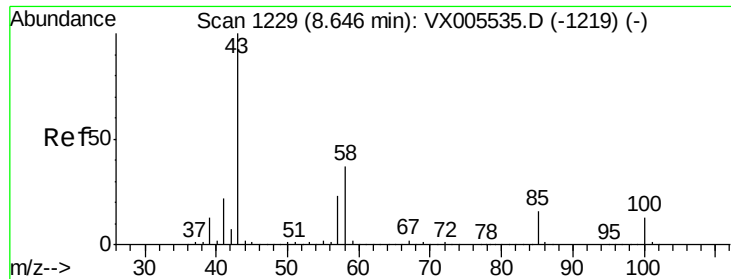
#50
Toluene-d8
Concen: 50.164 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 98 Resp: 380779
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 257.741 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

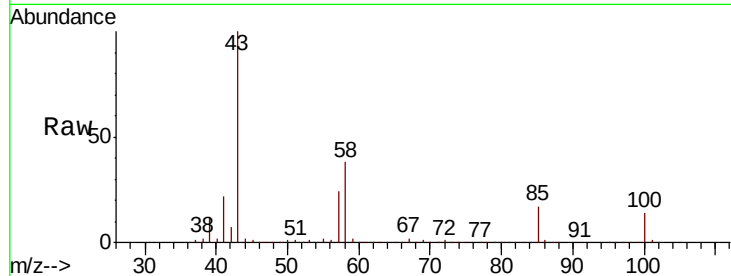
S37-0008MSD

Tot Ion: 43 Resp: 1002868

Ion Ratio Lower Upper

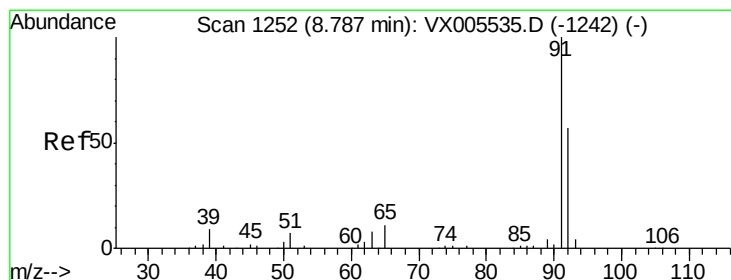
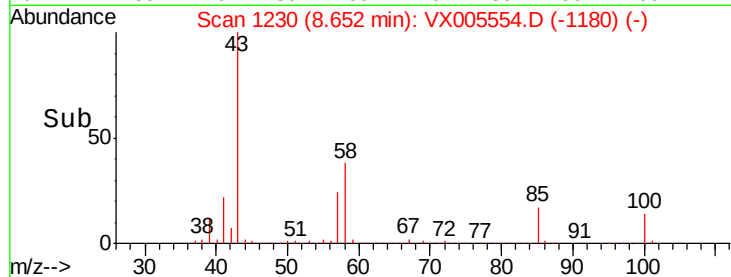
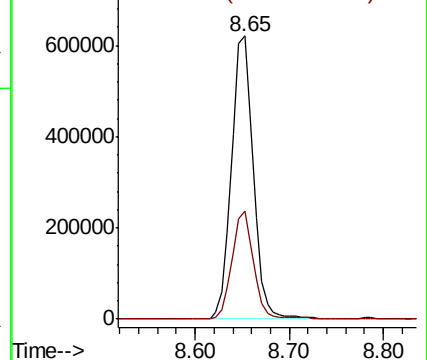
43 100

58 37.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.384 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005554.D

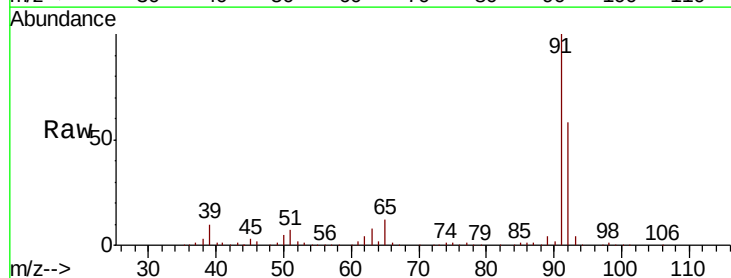
Acq: 24 Oct 2018 20:59

Tgt Ion: 92 Resp: 265766

Ion Ratio Lower Upper

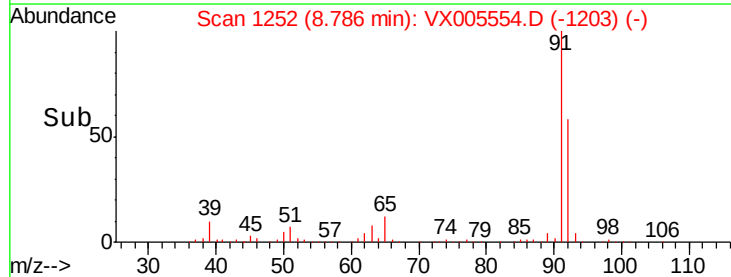
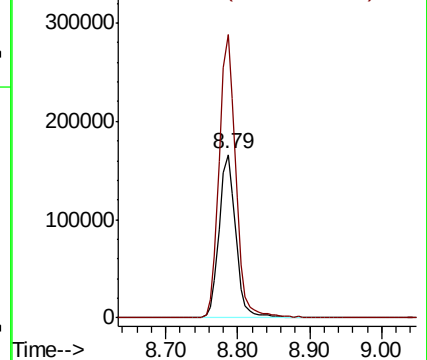
92 100

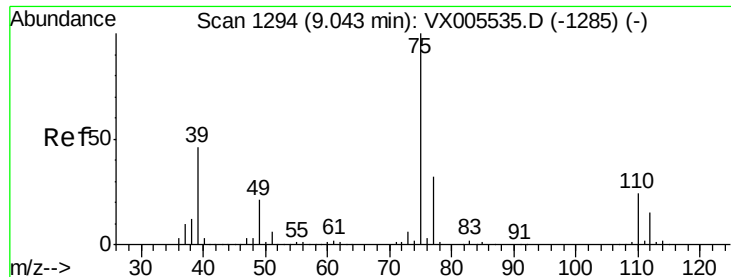
91 173.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.216 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampled :

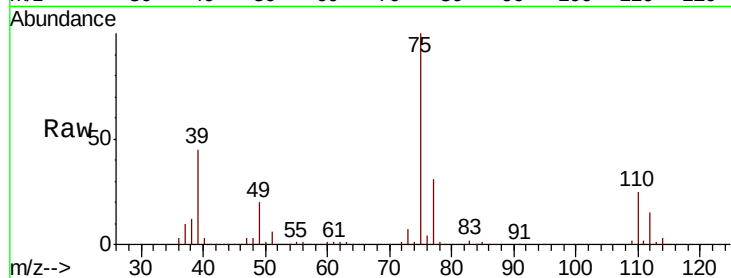
S37-0008MSD

Tot Ion: 75 Resp: 161908

Ion Ratio Lower Upper

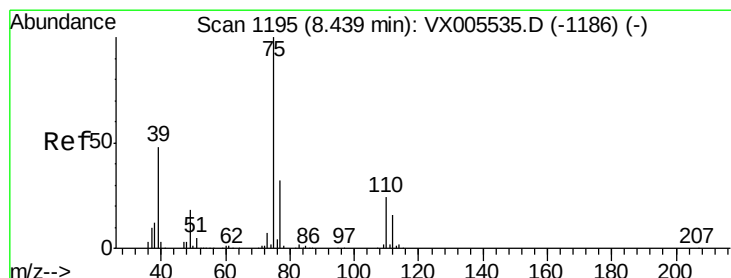
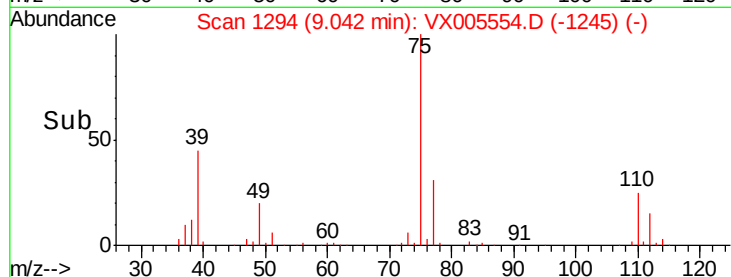
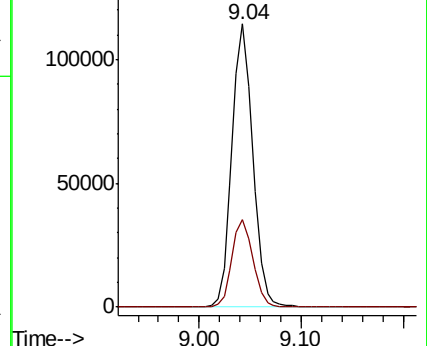
75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.190 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

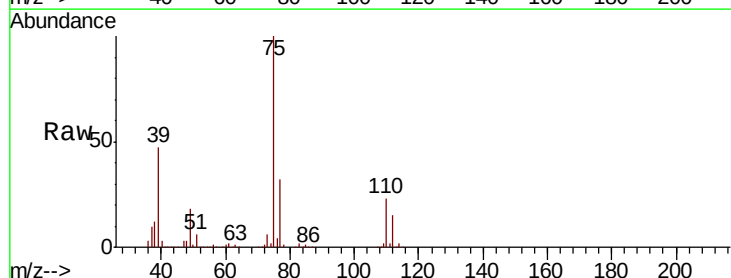
Tgt Ion: 75 Resp: 167421

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

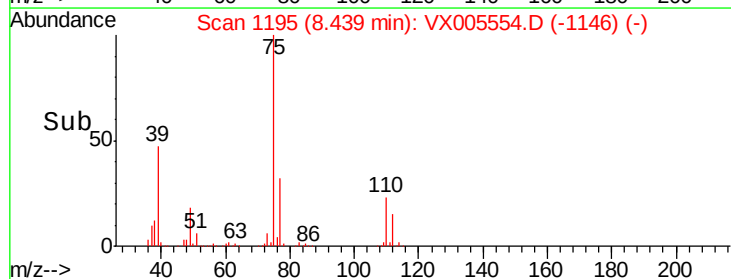
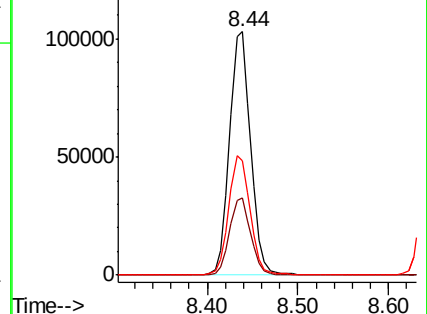
39 46.9 36.4 54.6

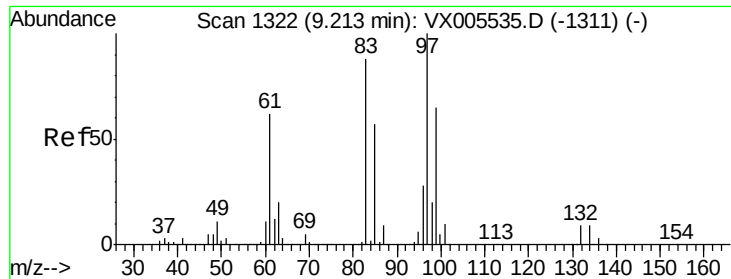


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

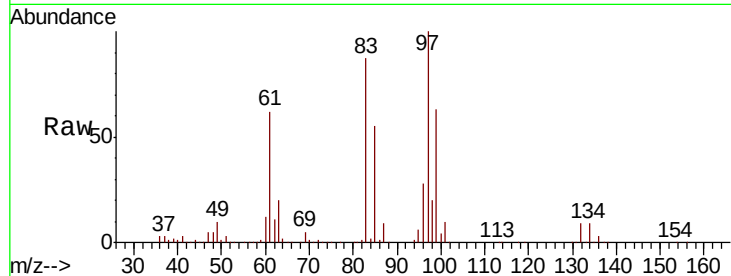




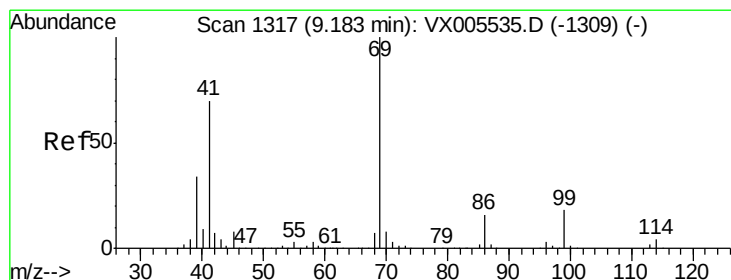
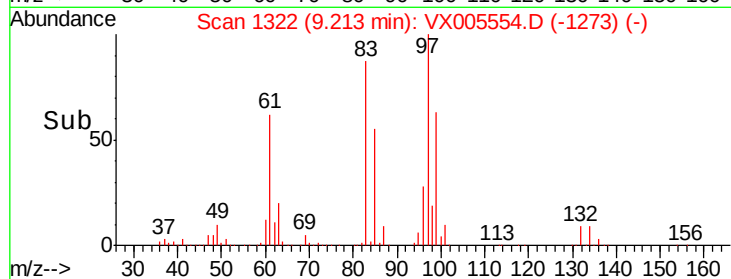
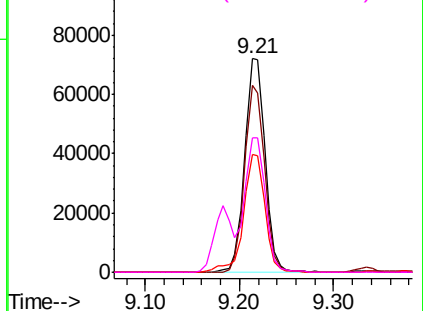
#55
1,1,2-Trichloroethane
Concen: 49.197 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Tot Ion:	97	Resp:	109408
Ion	Ratio	Lower	Upper
97	100		
83	87.5	66.4	99.6
85	55.4	43.3	64.9
99	62.8	49.0	73.4

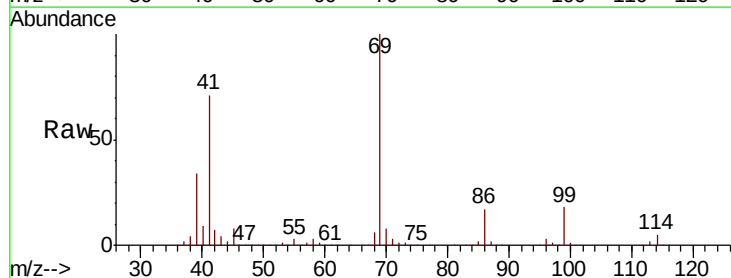


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

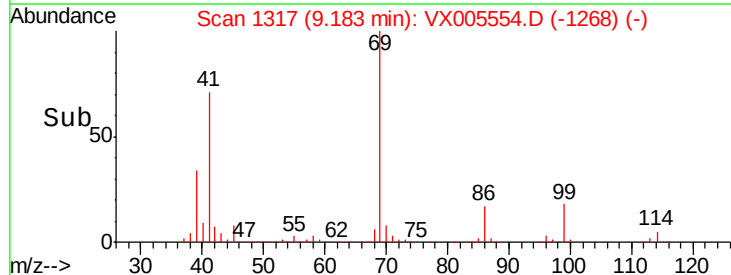
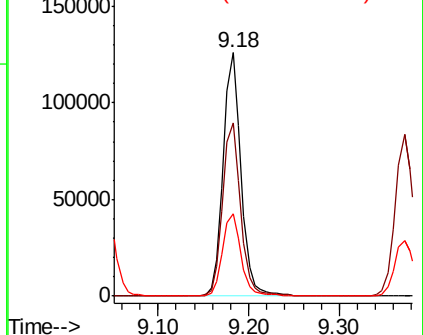


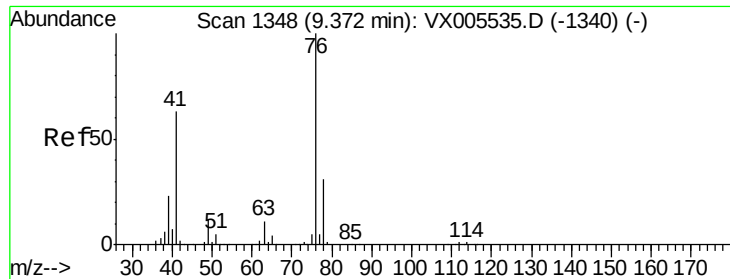
#56
Ethyl methacrylate
Concen: 52.248 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion:	69	Resp:	173312
Ion	Ratio	Lower	Upper
69	100		
41	71.9	51.0	76.4
39	34.9	26.1	39.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

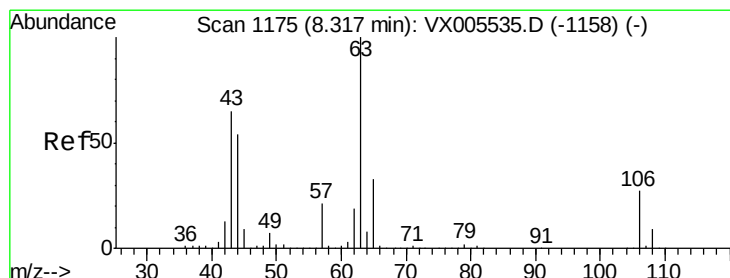
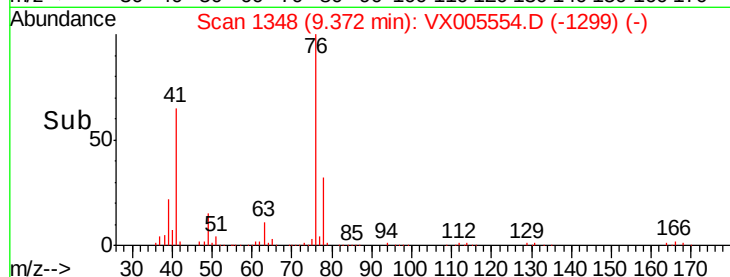
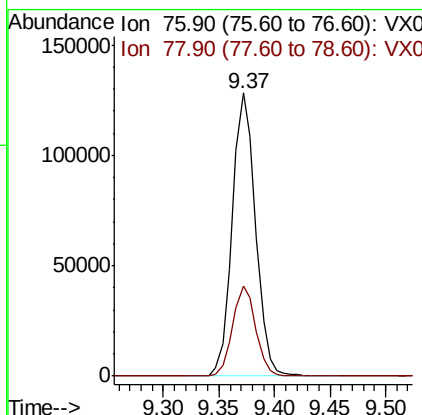
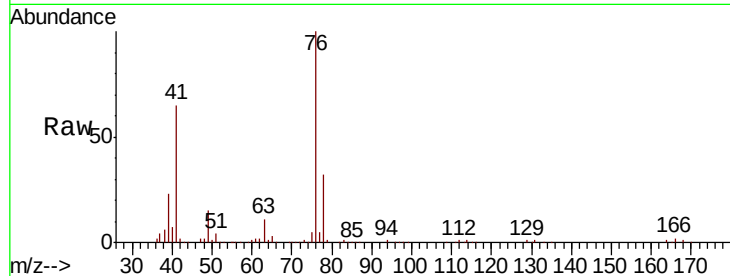




#57
 1,3-Dichloropropane
 Concen: 49.329 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

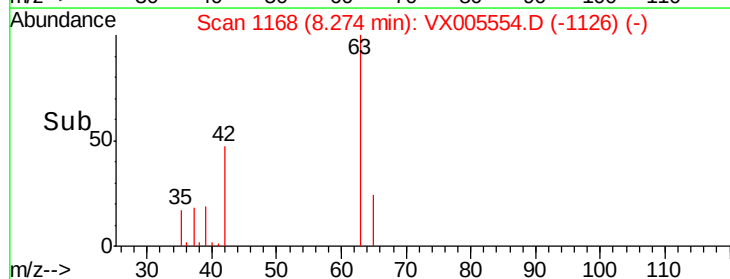
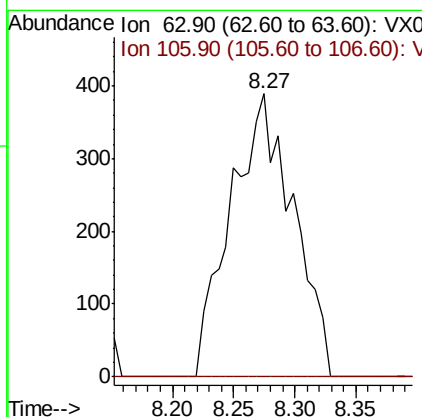
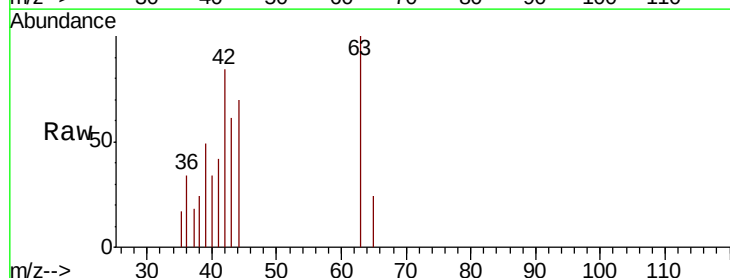
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

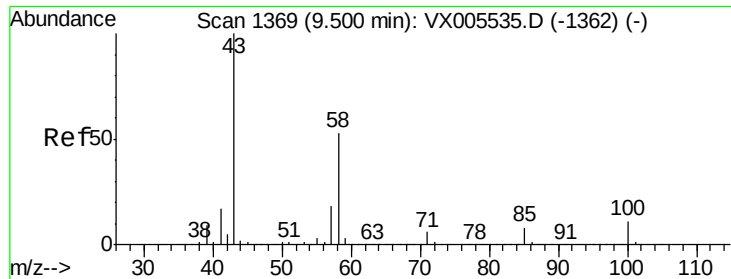
Tot Ion: 76 Resp: 185620
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.747 ug/l
 RT: 8.27 min Scan# 1168
 Delta R.T. -0.04 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 63 Resp: 1383
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

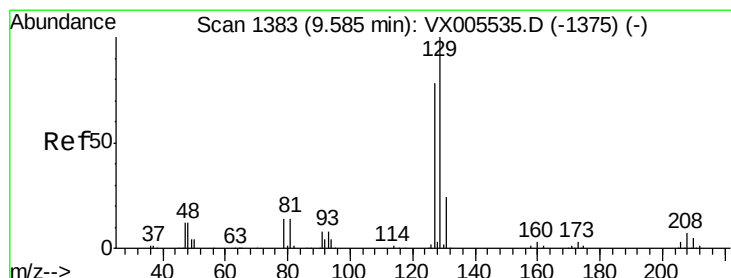
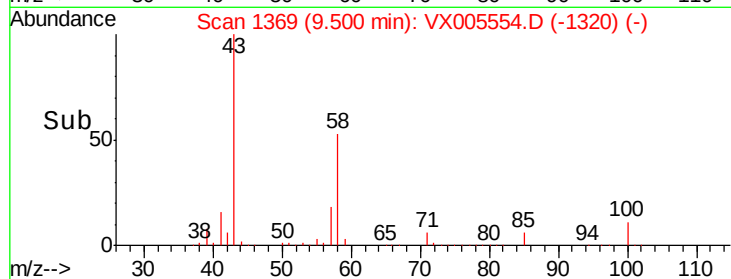
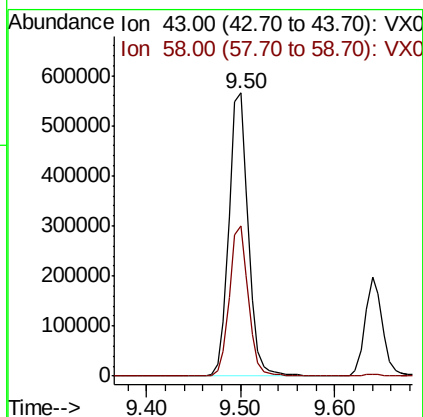
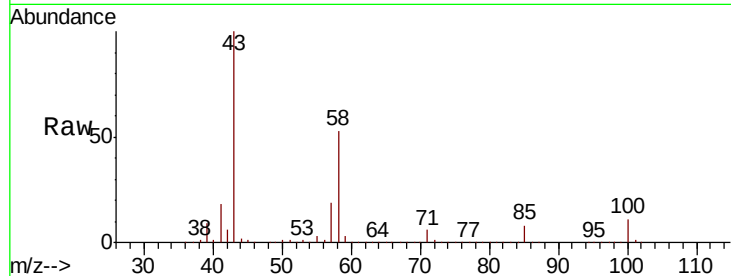




#59
2-Hexanone
Concen: 261.958 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

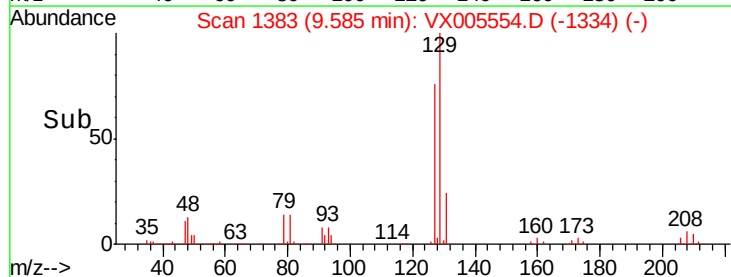
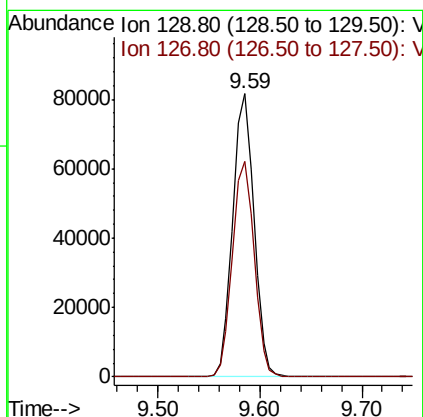
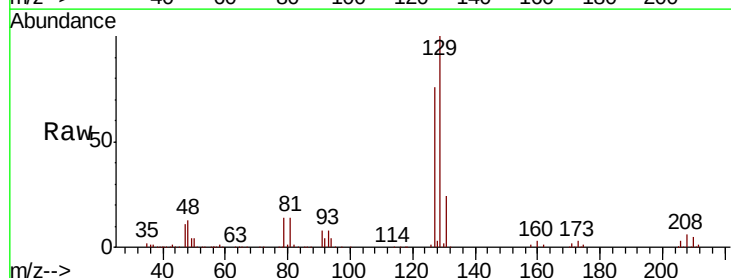
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

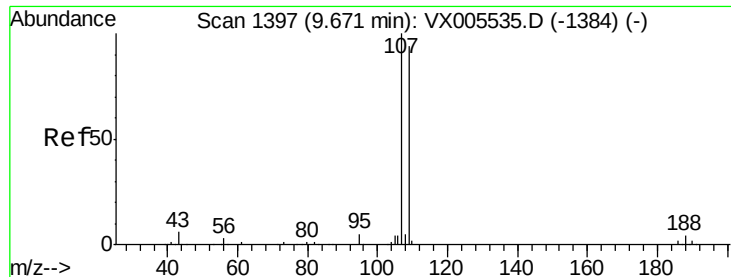
Tot Ion: 43 Resp: 803648
Ion Ratio Lower Upper
43 100
58 52.1 29.0 87.0



#60
Dibromochloromethane
Concen: 50.870 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 129 Resp: 118031
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.255 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

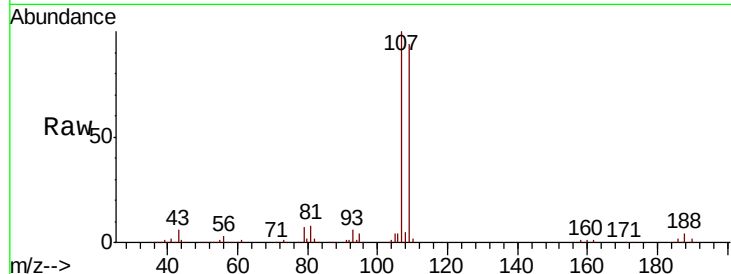
S37-0008MSD

Tot Ion:107 Resp: 115623

Ion Ratio Lower Upper

107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

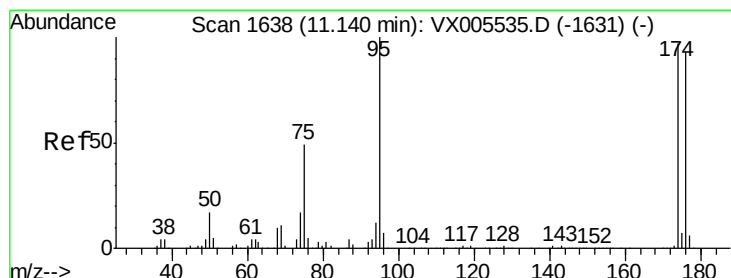
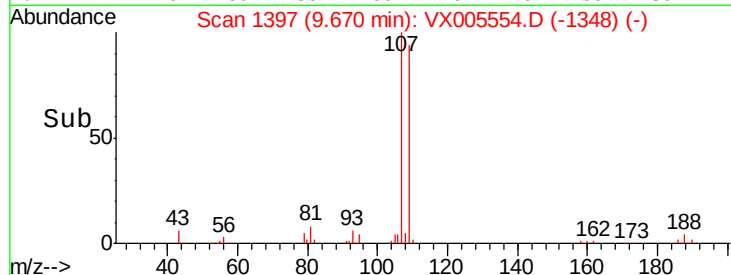
40000

20000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.029 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

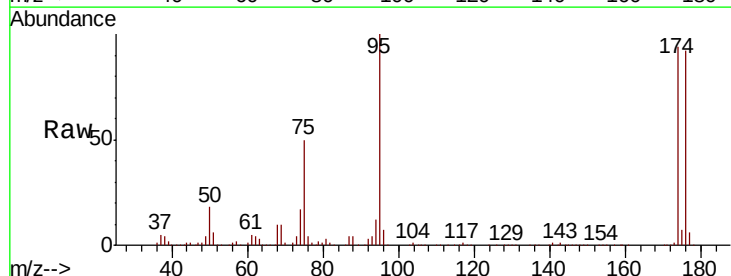
Tgt Ion: 95 Resp: 143413

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 89.0 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

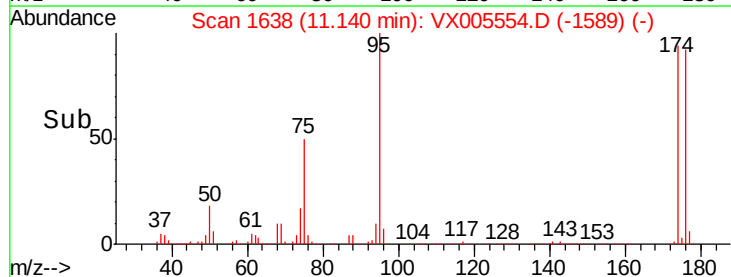
100000

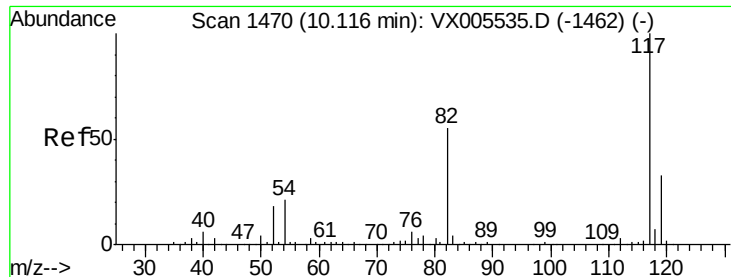
50000

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: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

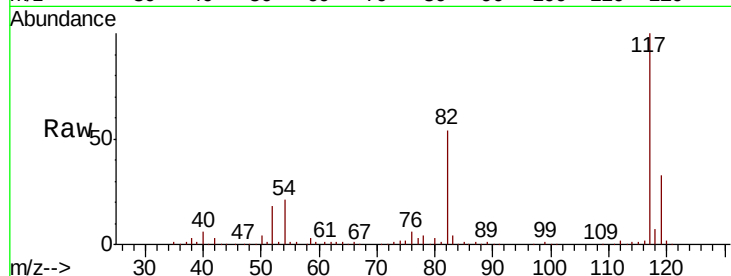
Tot Ion:117 Resp: 295490

Ion Ratio Lower Upper

117 100

82 53.9 47.8 71.6

119 32.8 29.3 43.9

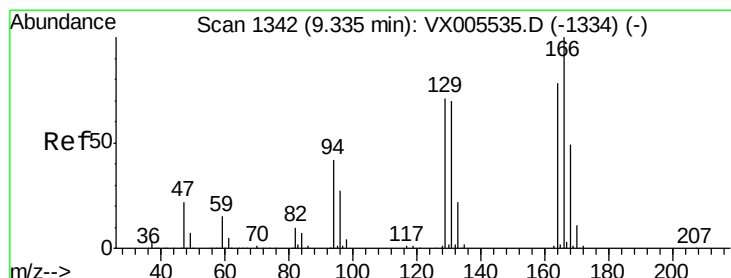
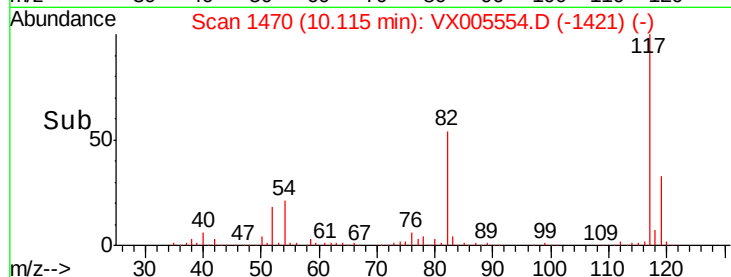
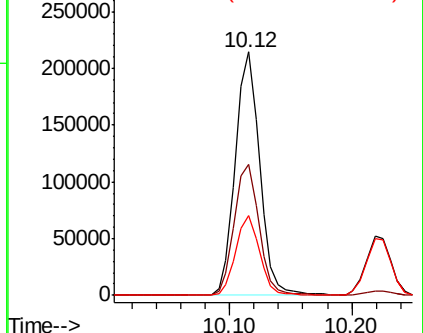


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.829 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Tgt Ion:164 Resp: 112418

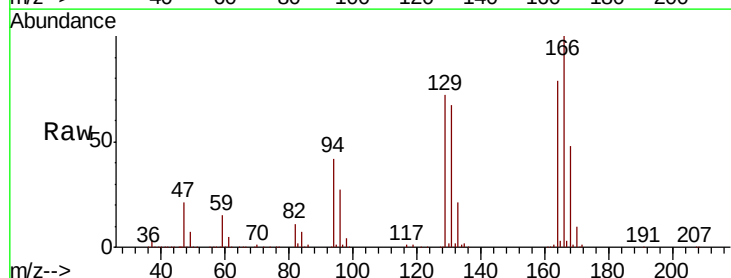
Ion Ratio Lower Upper

164 100

166 126.9 102.8 154.2

129 91.2 69.4 104.0

131 85.4 67.9 101.9



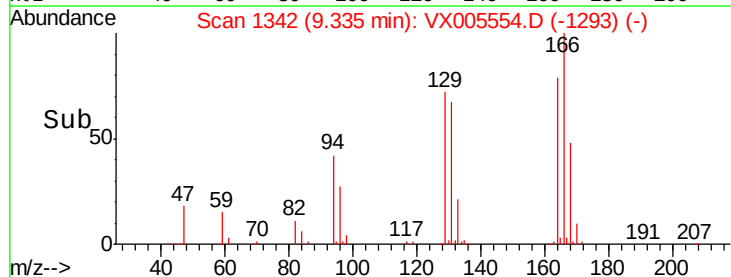
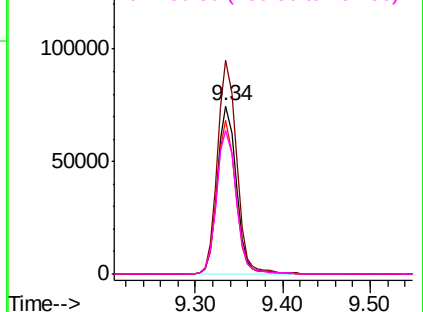
Abundance

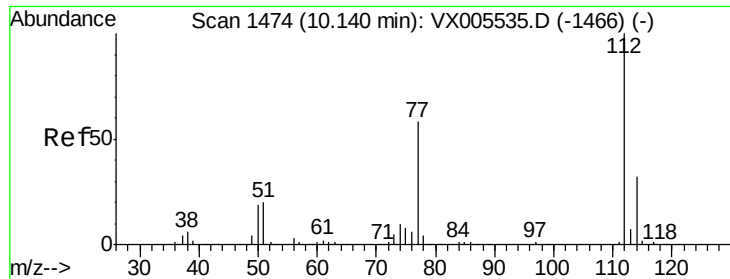
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

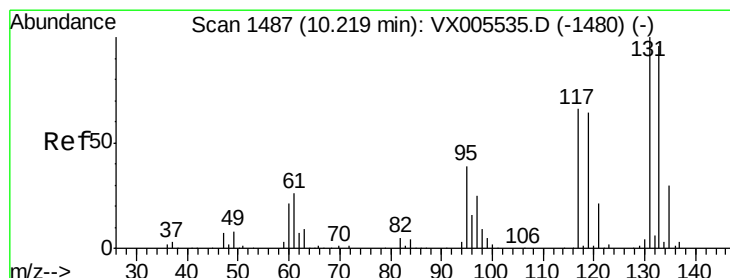
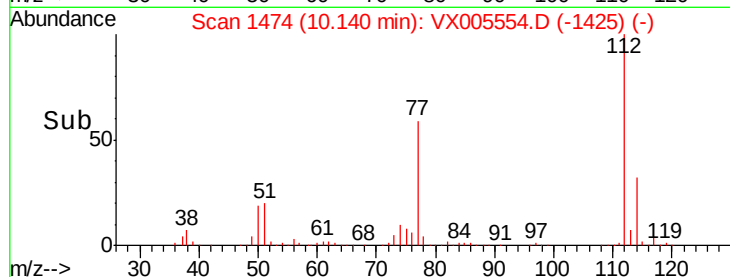
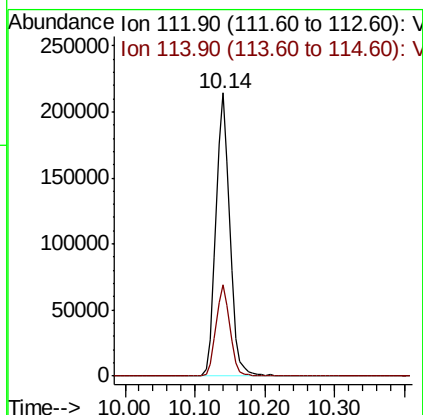
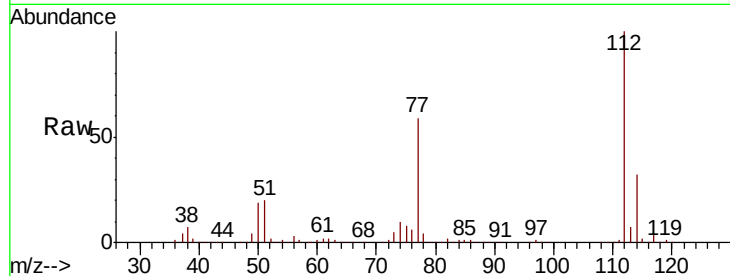




#65
Chlorobenzene
Concen: 47.372 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

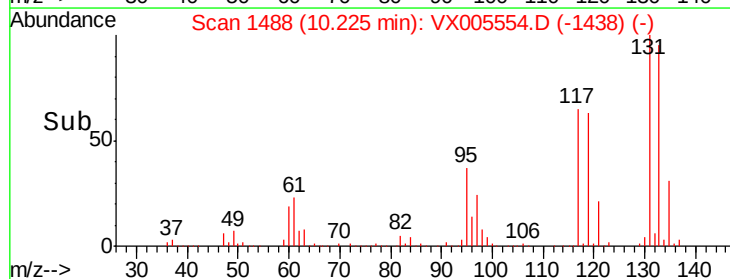
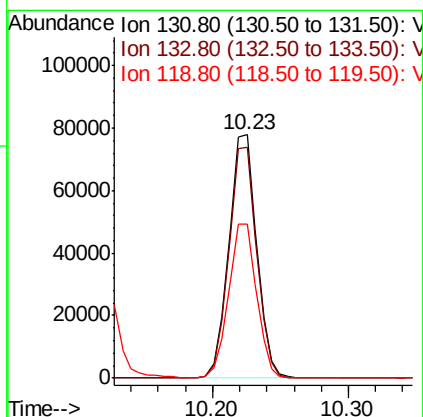
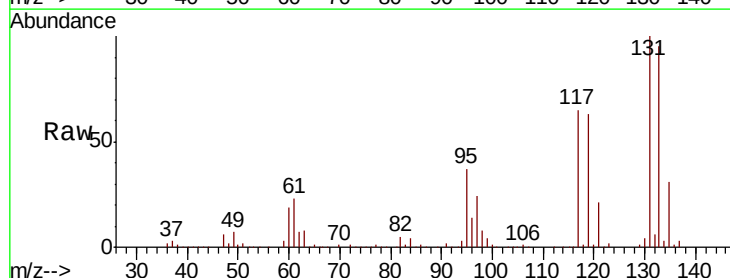
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

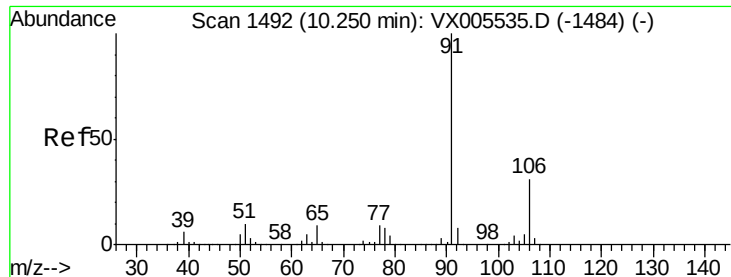
Tot Ion:112 Resp: 298079
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.201 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion:131 Resp: 110591
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 63.9 32.9 98.6

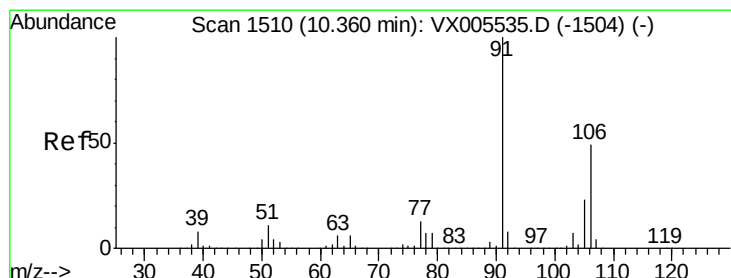
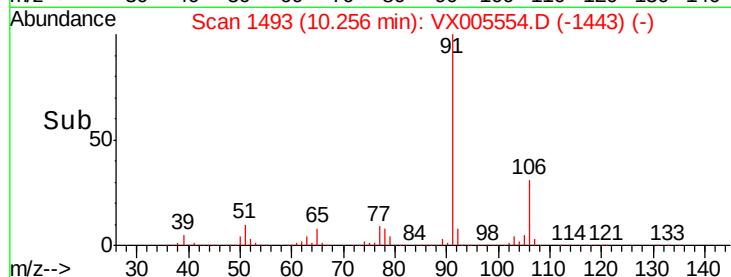
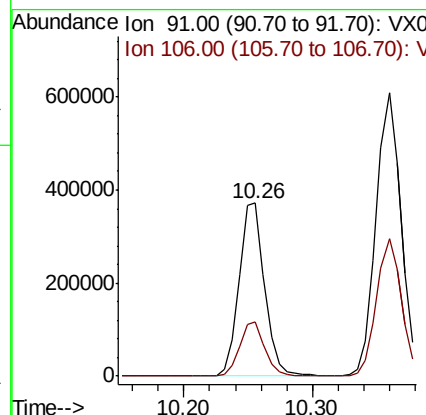
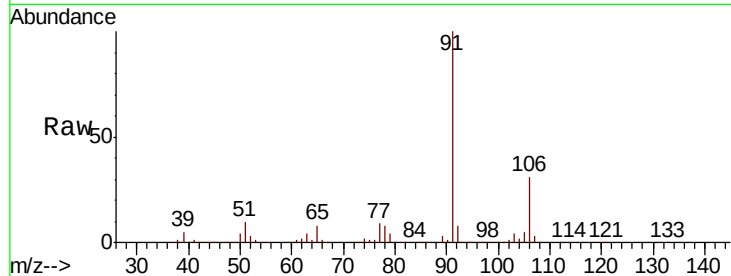




#67
Ethyl Benzene
Concen: 49.842 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

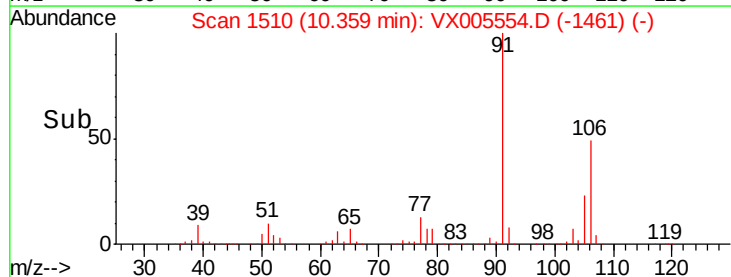
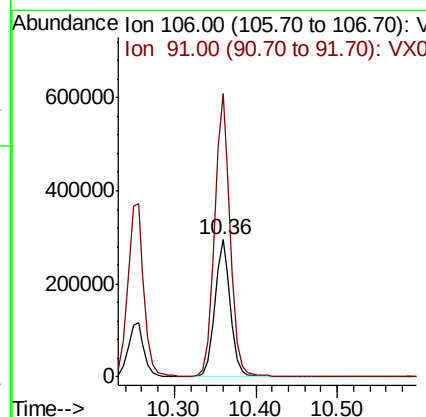
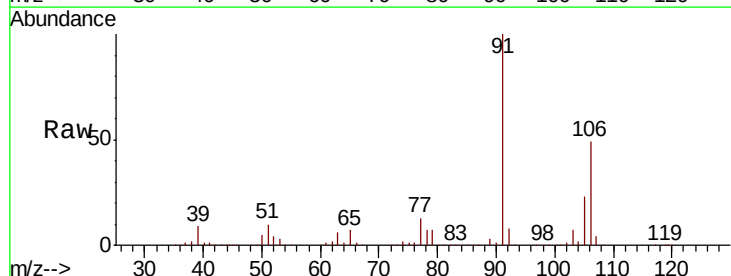
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

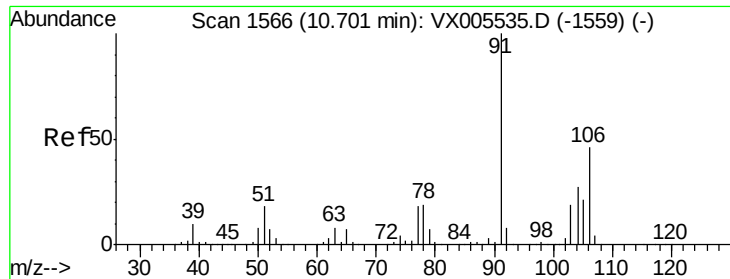
Tot Ion: 91 Resp: 515996
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 99.716 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 106 Resp: 400509
Ion Ratio Lower Upper
106 100
91 205.7 157.1 235.7

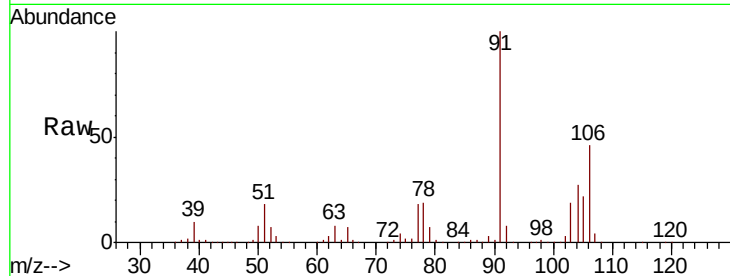




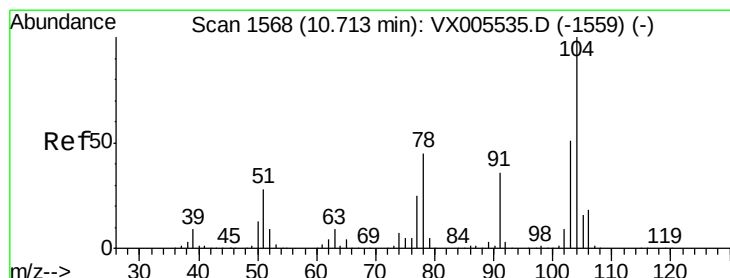
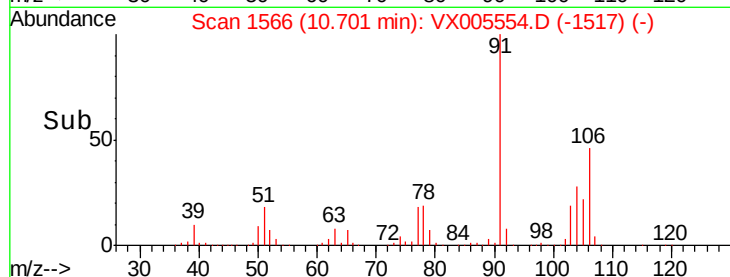
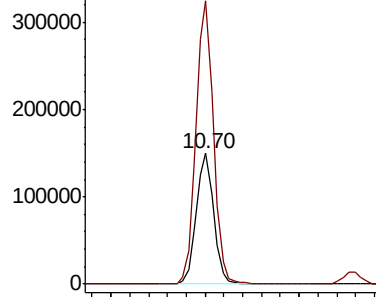
#69
o-Xylene
Concen: 50.708 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Tot Ion:106 Resp: 191614
Ion Ratio Lower Upper
106 100
91 217.7 105.1 315.1

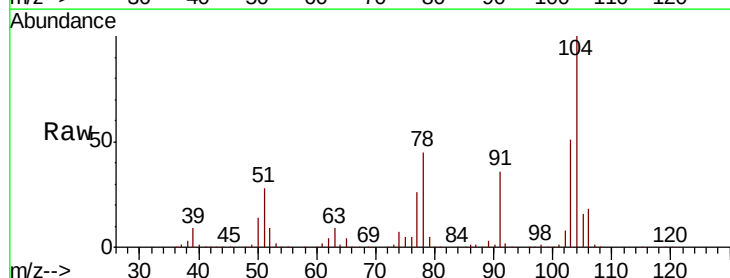


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

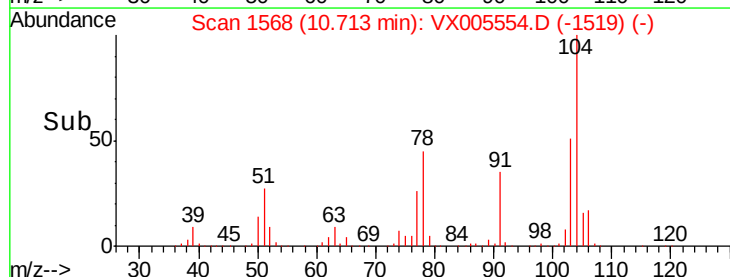
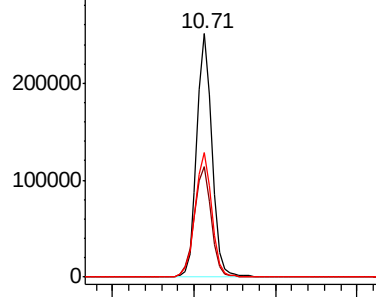


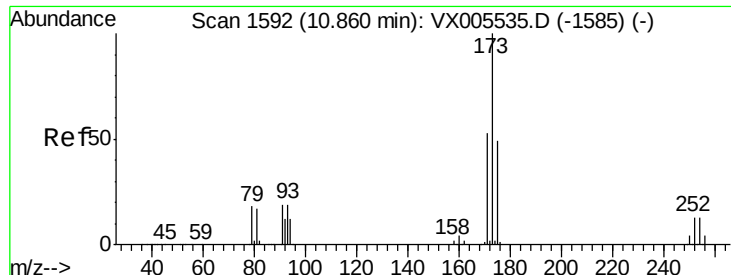
#70
Styrene
Concen: 51.287 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion:104 Resp: 324435
Ion Ratio Lower Upper
104 100
78 50.9 37.4 56.0
103 56.4 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: 48.544 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

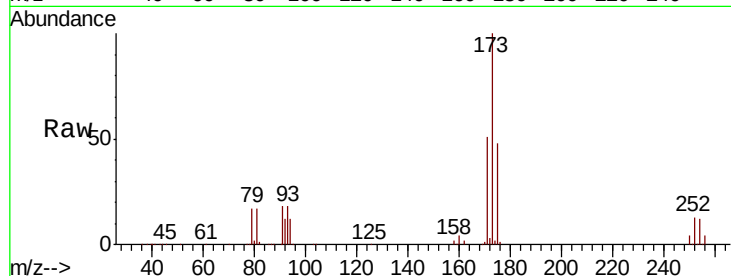
Tot Ion:173 Resp: 99386

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

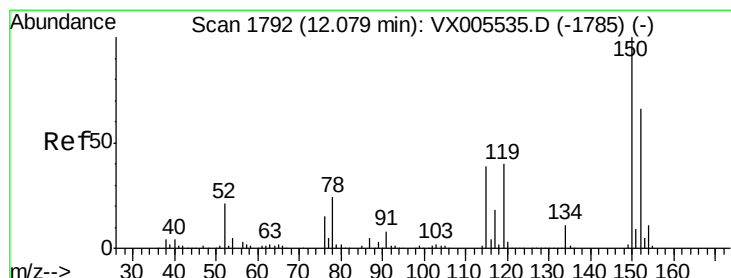
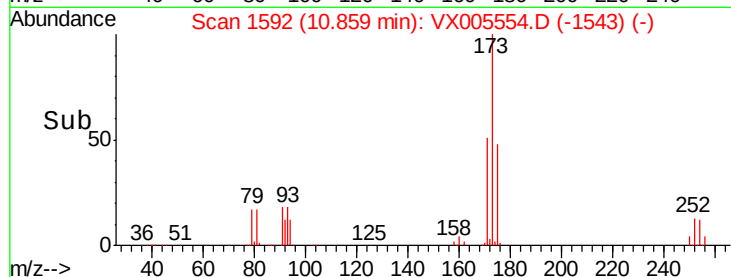
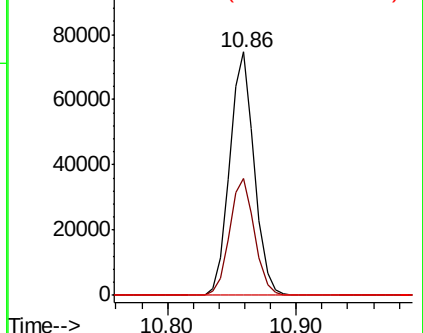
254 0.2 0.2 0.2



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: VX005554.D

Acq: 24 Oct 2018 20:59

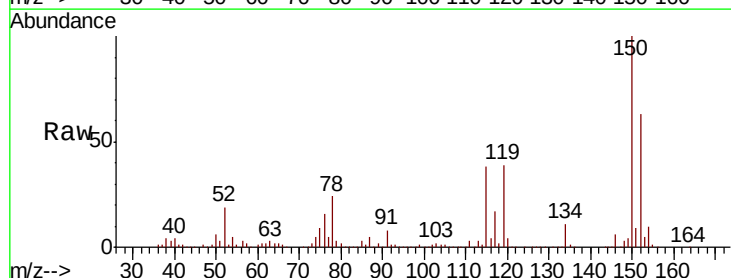
Tgt Ion:152 Resp: 166805

Ion Ratio Lower Upper

152 100

115 78.0 39.0 117.0

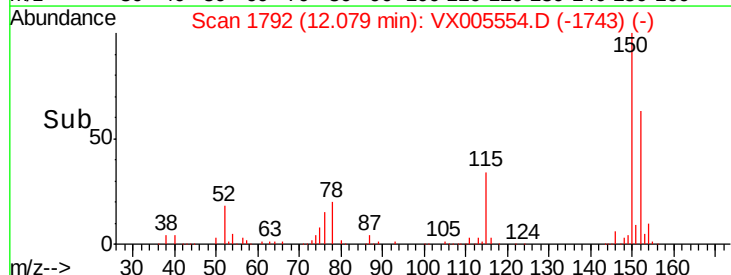
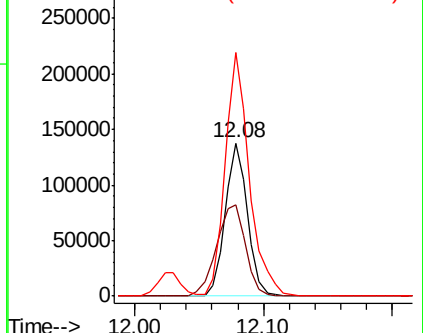
150 173.3 0.0 351.0

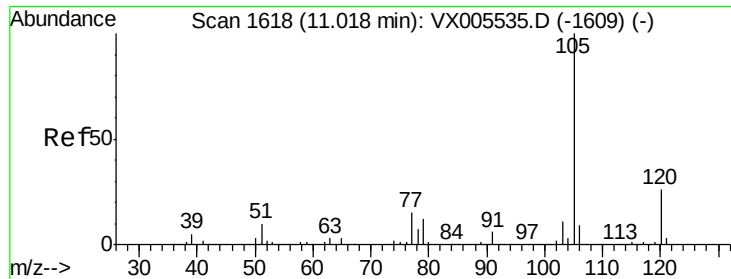


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

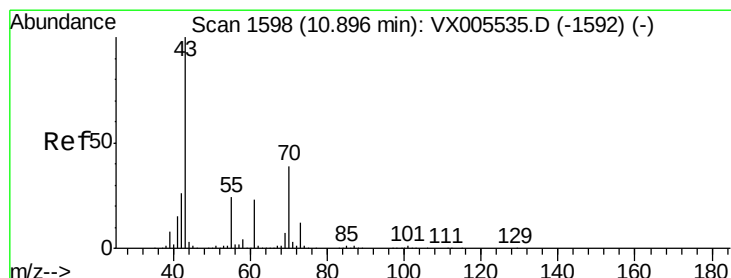
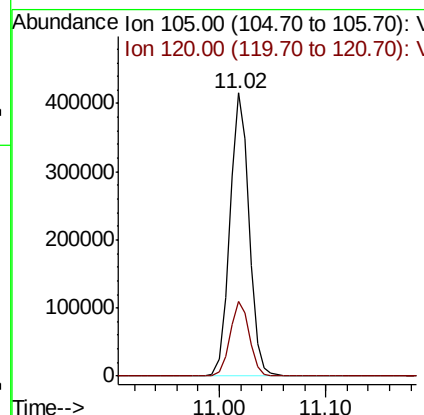
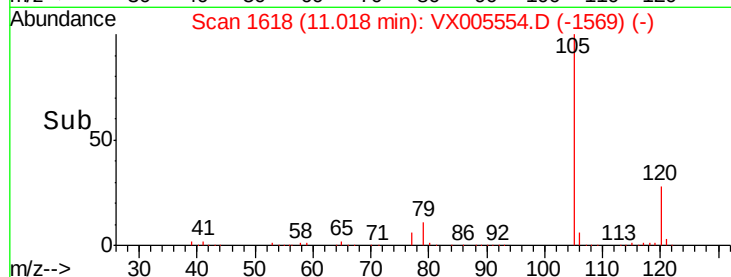
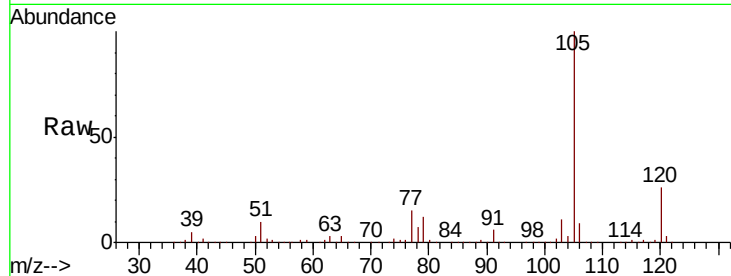




#73
Isopropylbenzene
Concen: 51.516 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

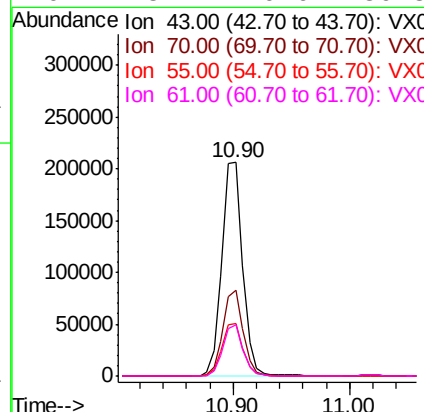
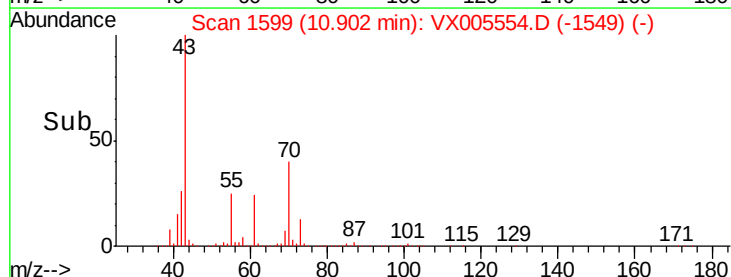
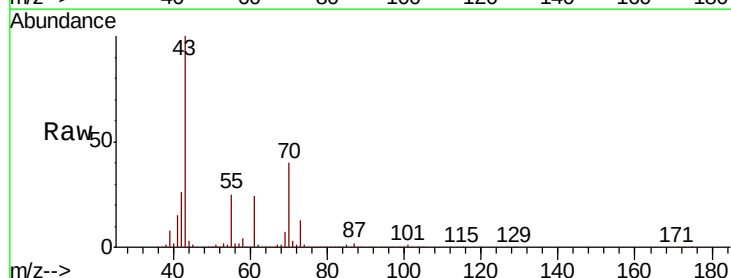
Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

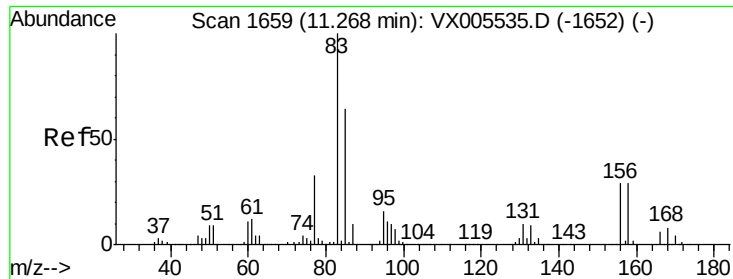
Tot Ion:105 Resp: 525288
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 50.124 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion: 43 Resp: 253248
Ion Ratio Lower Upper
43 100
70 39.2 37.4 56.0
55 25.0 21.8 32.8
61 23.2 20.6 30.8

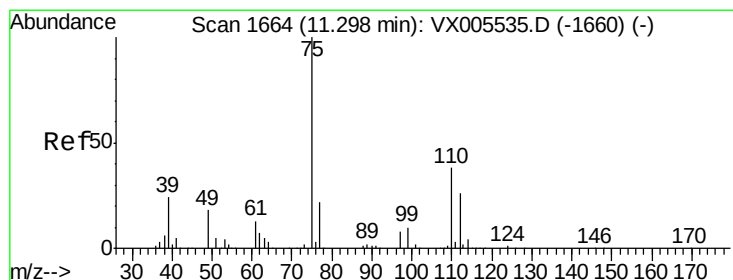
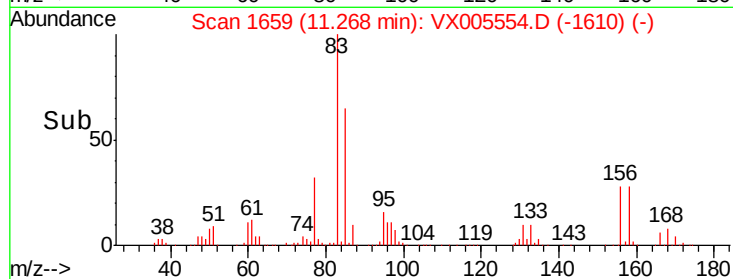
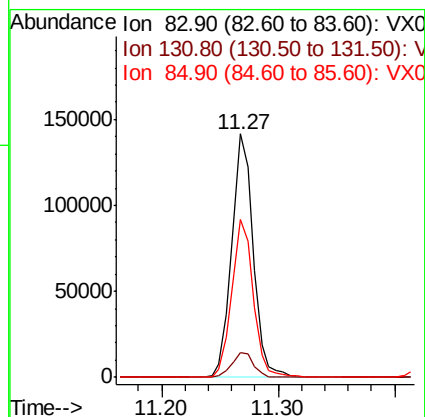
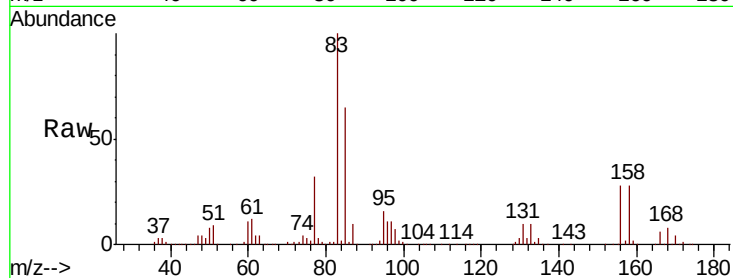




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.590 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

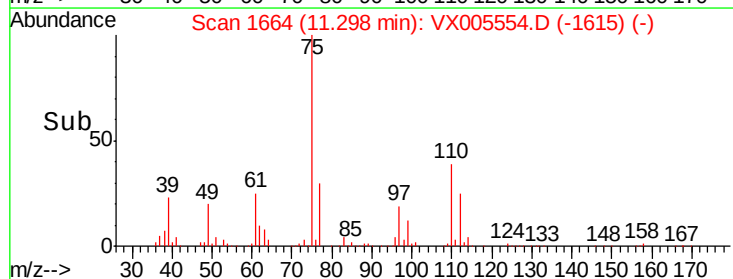
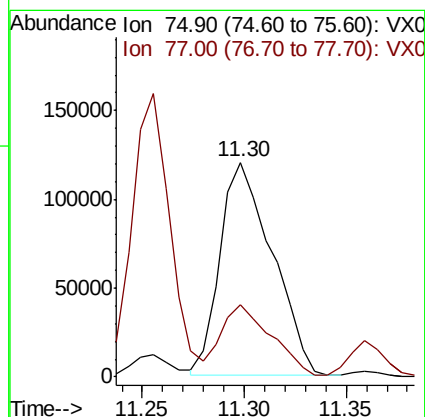
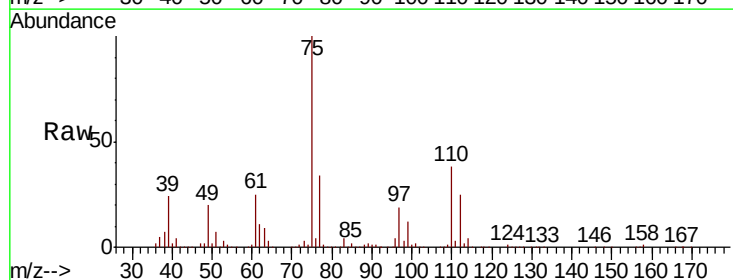
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

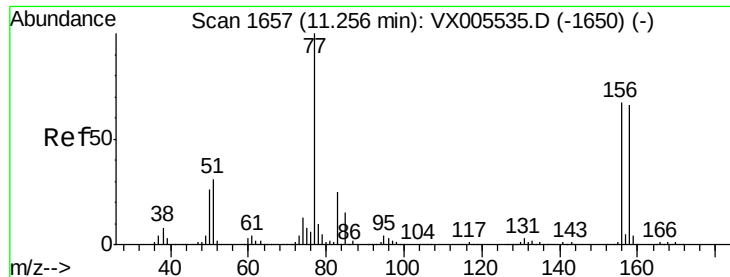
Tot Ion: 83 Resp: 182786
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 65.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 62.878 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 75 Resp: 213634
 Ion Ratio Lower Upper
 75 100
 77 32.7 20.2 60.6





#77

Bromobenzene

Concen: 48.928 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

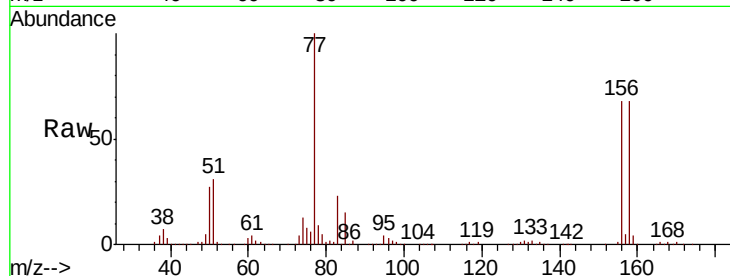
Tot Ion:156 Resp: 139038

Ion Ratio Lower Upper

156 100

77 149.1 71.5 214.3

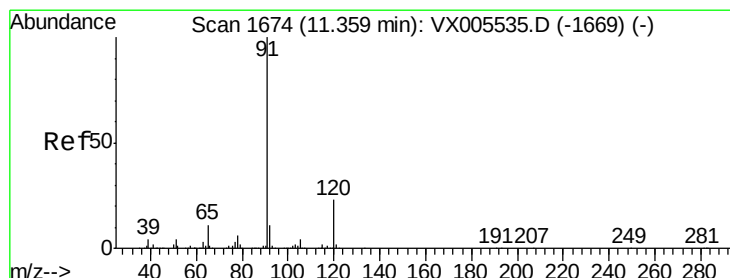
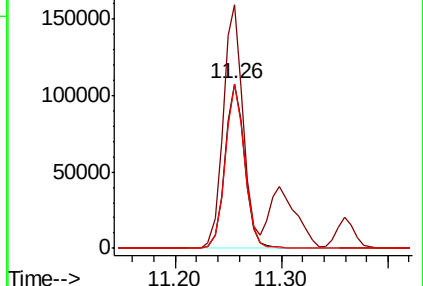
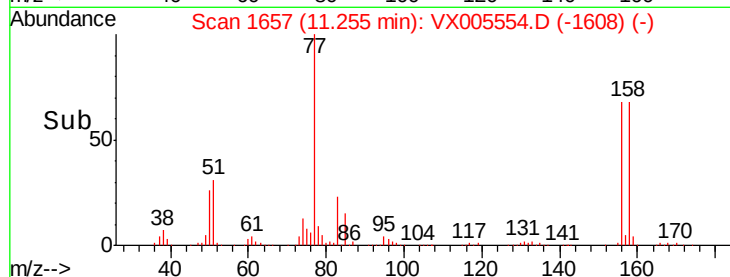
158 98.6 48.9 146.8



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: 52.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005554.D

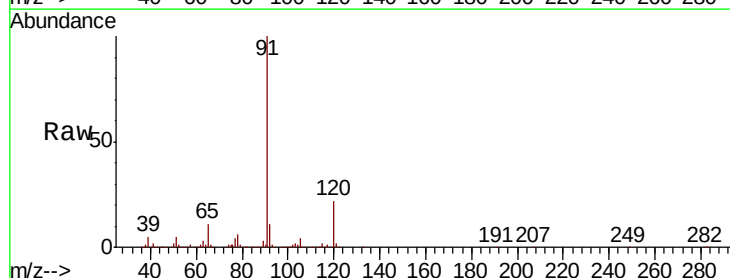
Acq: 24 Oct 2018 20:59

Tgt Ion: 91 Resp: 606827

Ion Ratio Lower Upper

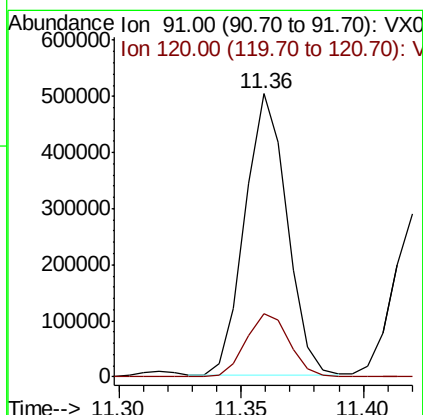
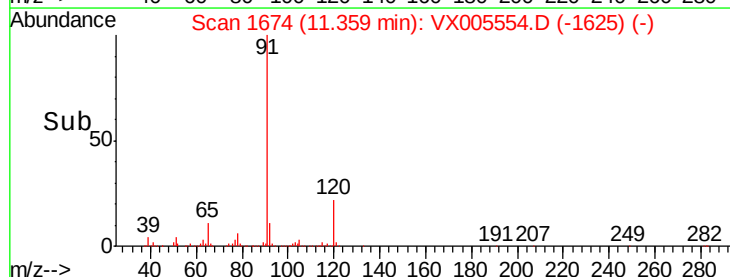
91 100

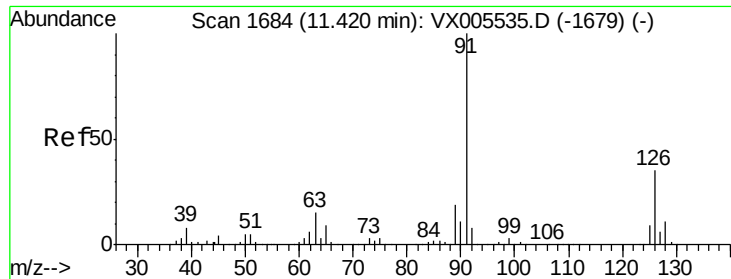
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

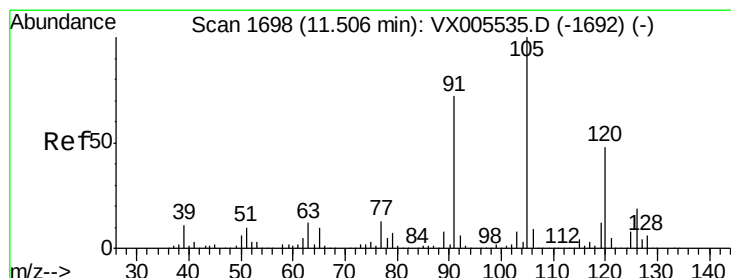
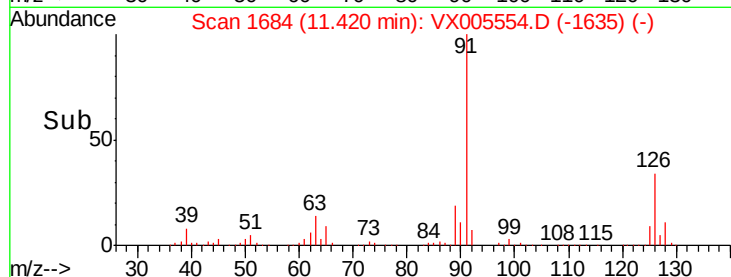
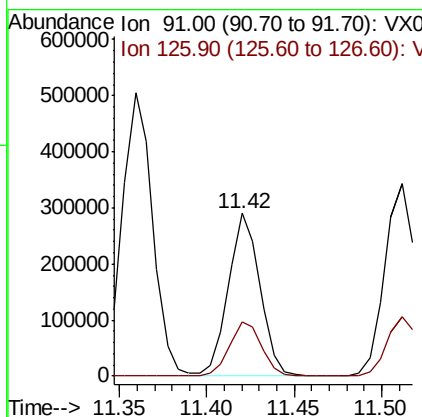
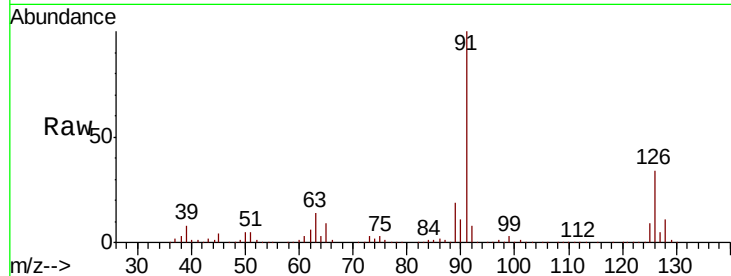




#79
 2-Chlorotoluene
 Concen: 50.025 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

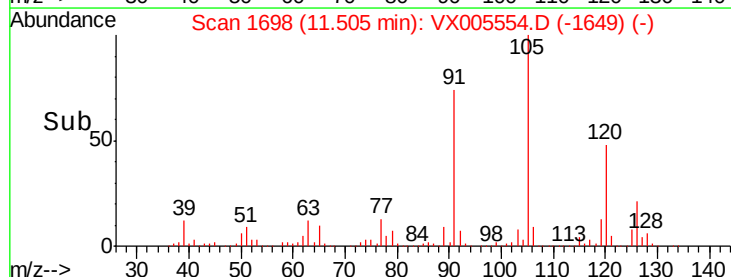
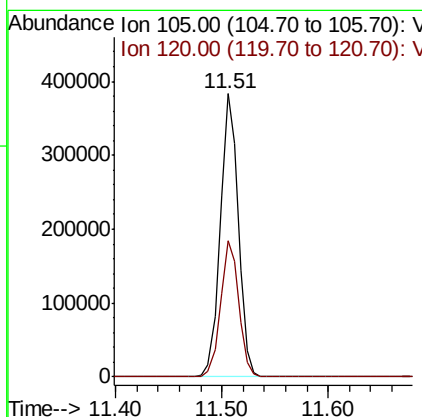
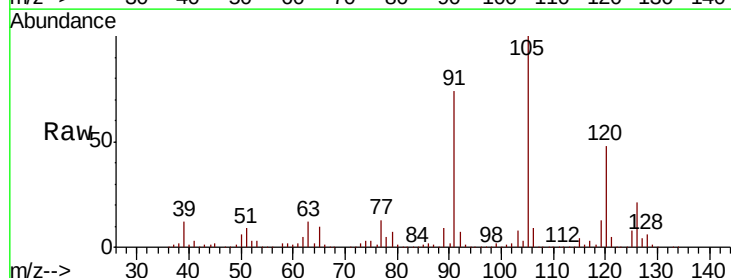
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

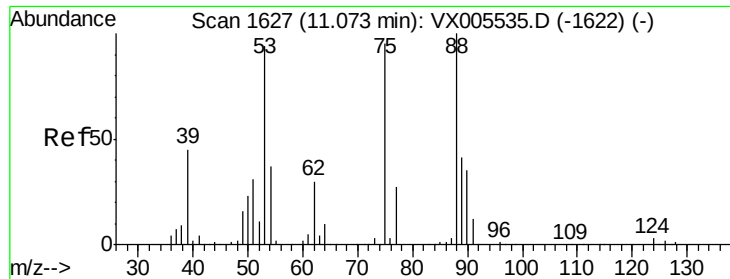
Tot Ion: 91 Resp: 361638
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.776 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 105 Resp: 451618
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.411 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

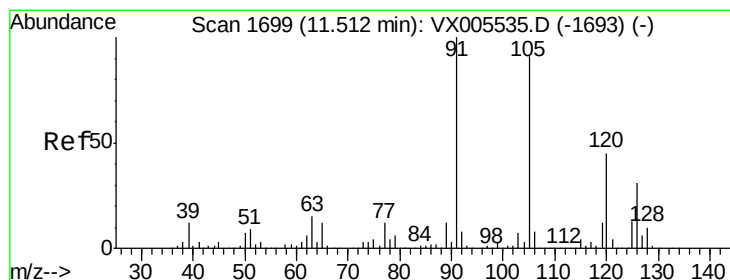
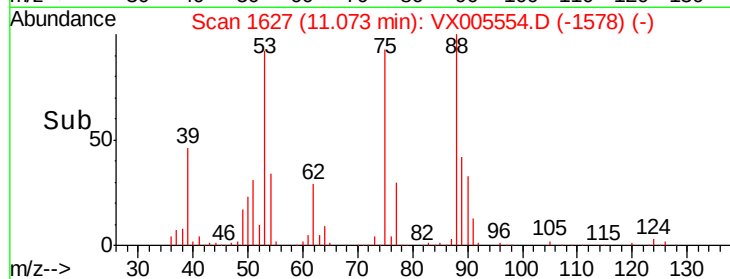
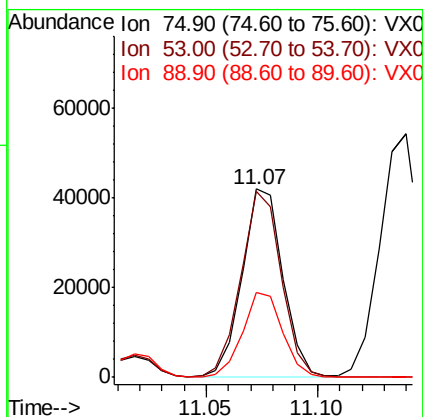
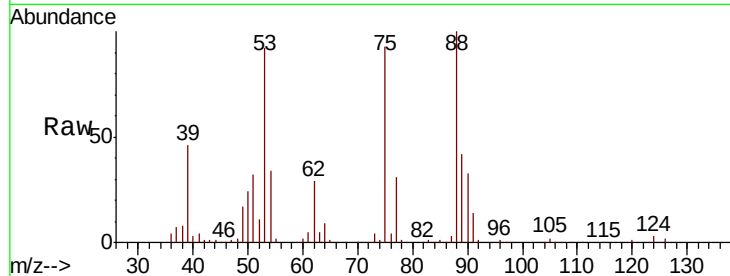
Tot Ion: 75 Resp: 53444

Ion Ratio Lower Upper

75 100

53 98.8 80.1 120.1

89 45.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 50.371 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005554.D

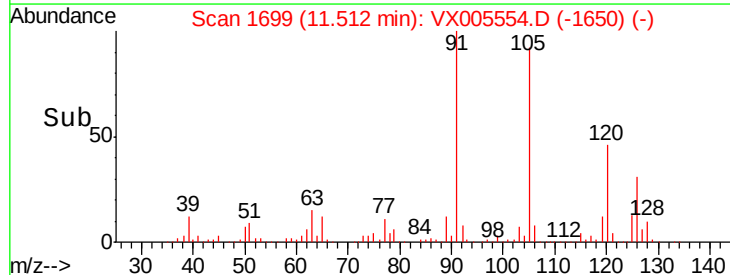
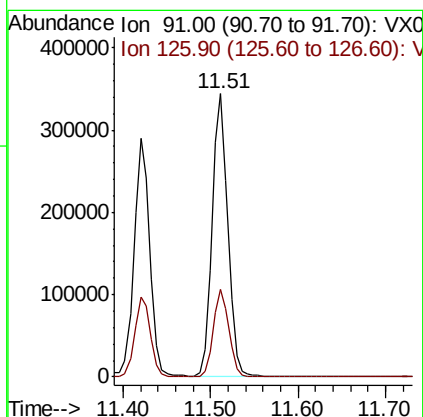
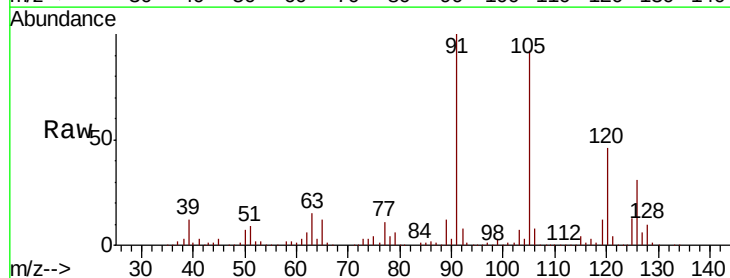
Acq: 24 Oct 2018 20:59

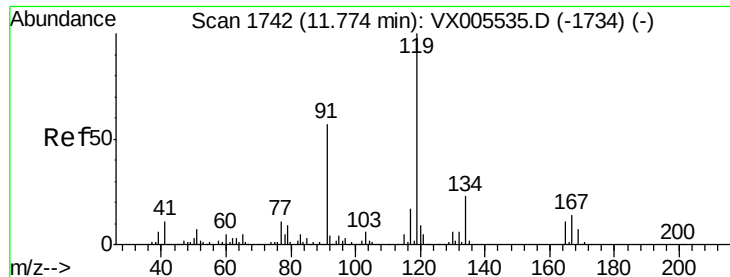
Tgt Ion: 91 Resp: 429380

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

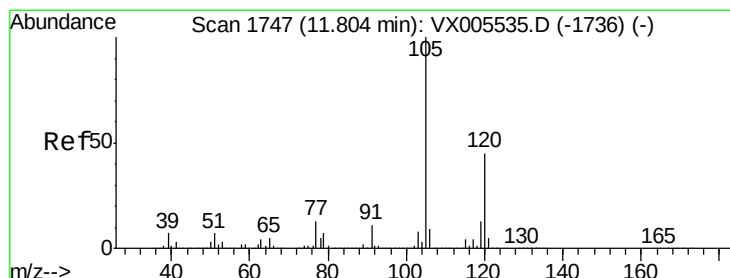
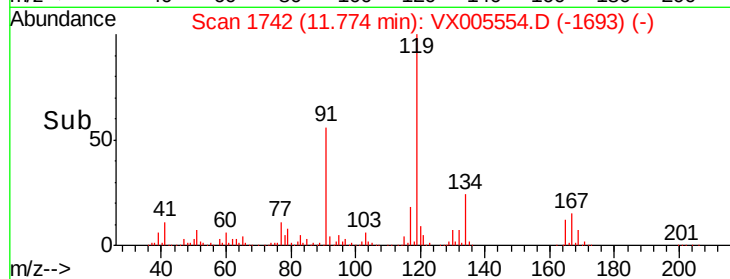
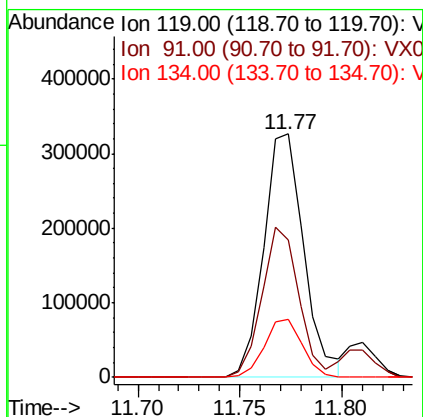
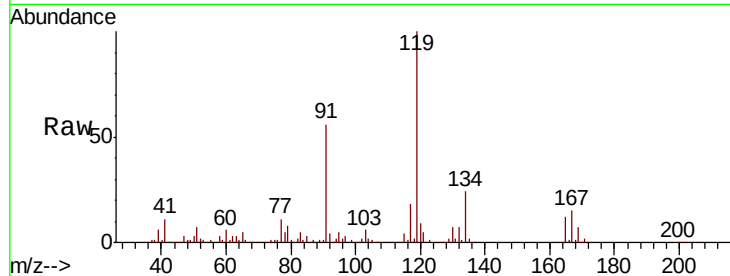




#83
 tert-Butylbenzene
 Concen: 51.531 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

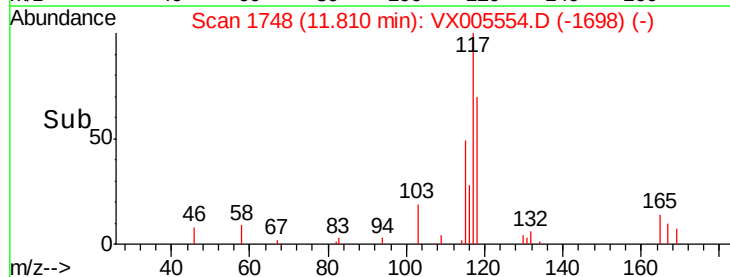
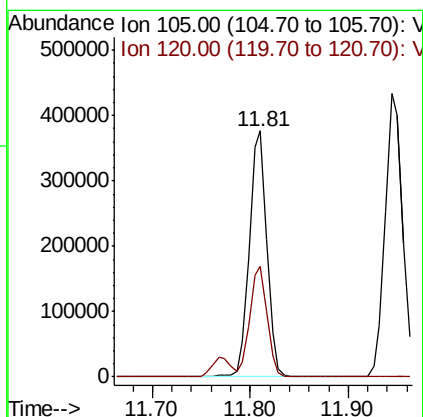
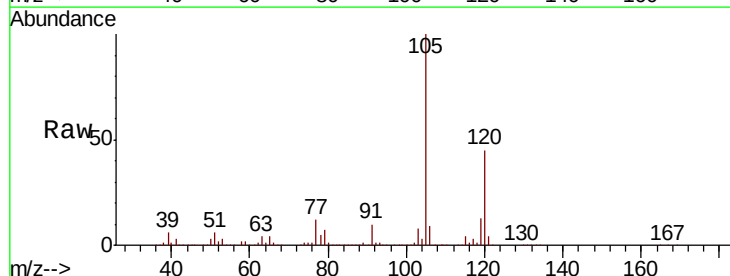
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

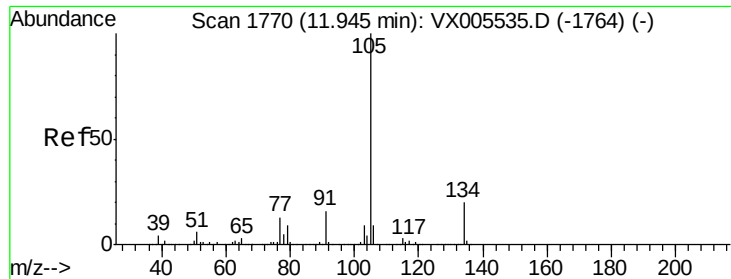
Tot Ion:119 Resp: 448047
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.753 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion:105 Resp: 466349
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.806 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

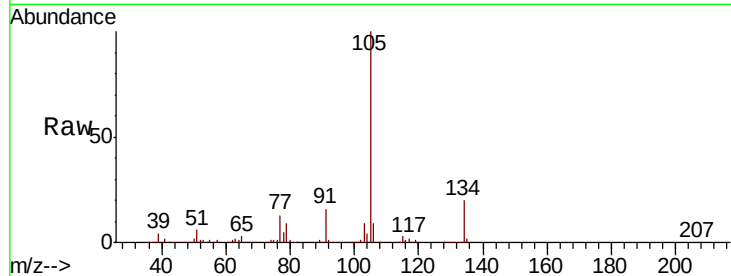
S37-0008MSD

Tot Ion:105 Resp: 537482

Ion Ratio Lower Upper

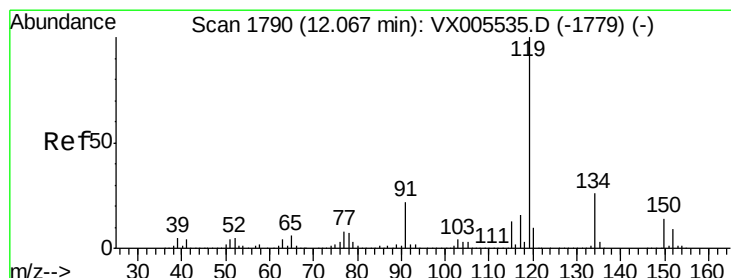
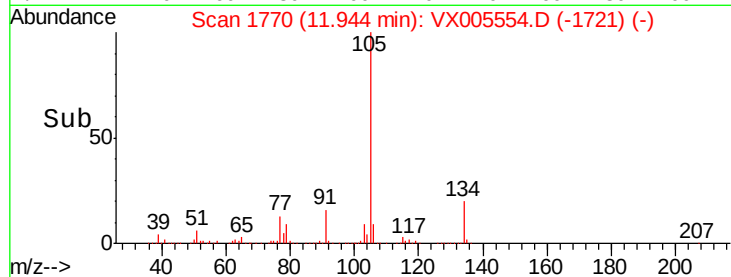
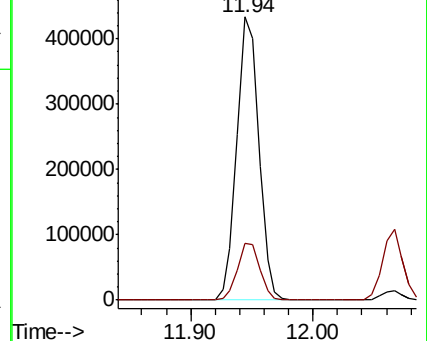
105 100

134 20.3 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: 51.707 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

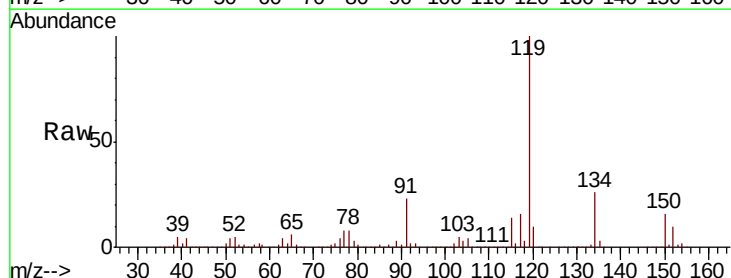
Tgt Ion:119 Resp: 479564

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

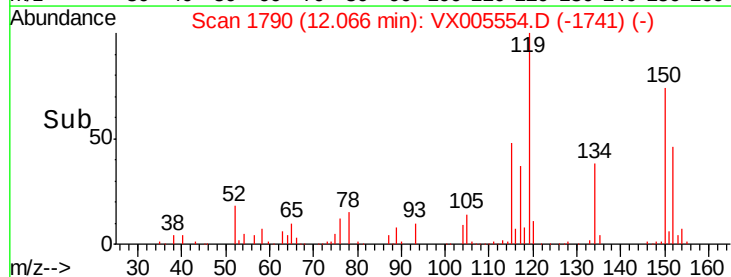
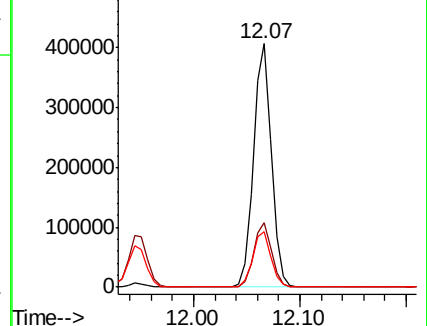
91 23.3 10.9 32.7

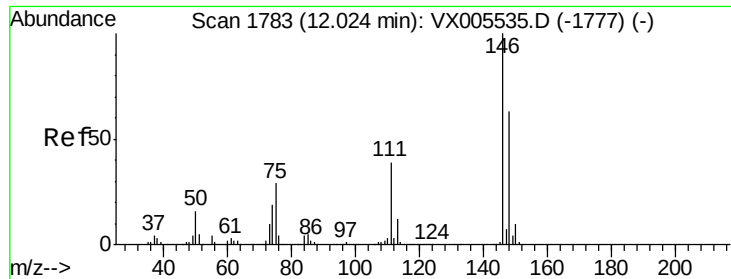


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

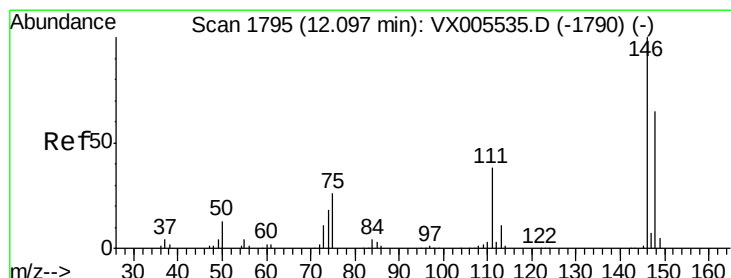
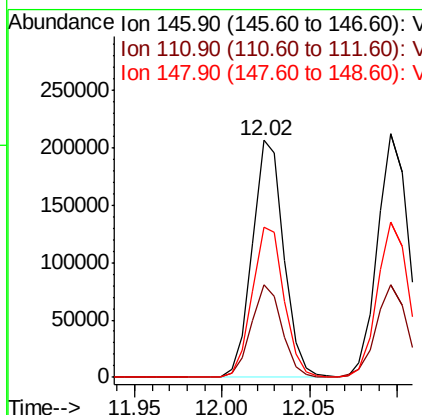
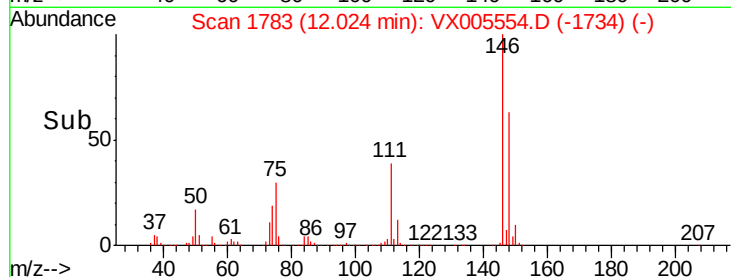
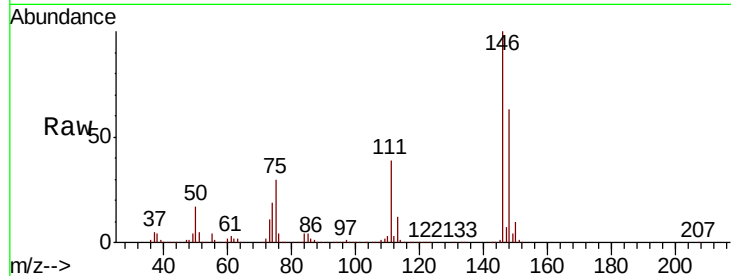




#87
 1,3-Dichlorobenzene
 Concen: 48.391 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

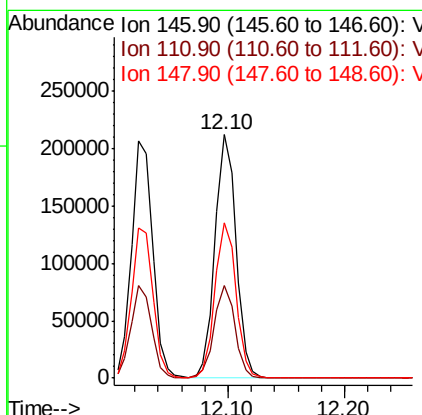
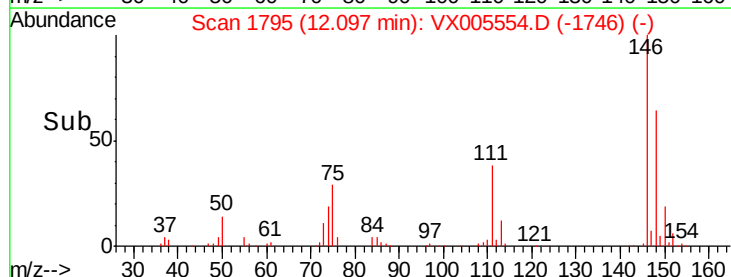
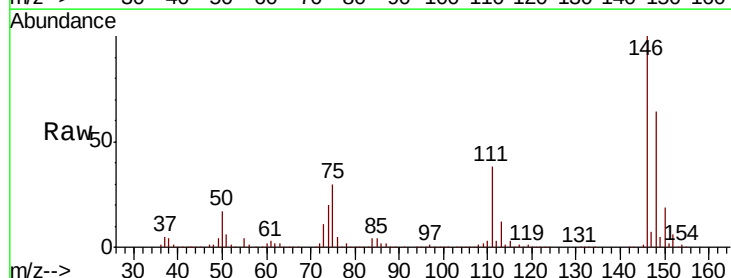
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

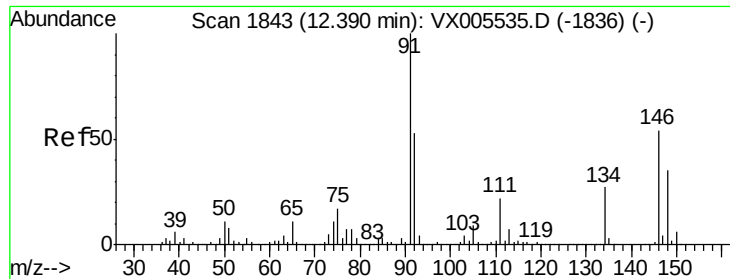
Tot Ion:146 Resp: 258586
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.167 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion:146 Resp: 263633
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 50.163 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005554.D

Acq: 24 Oct 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MSD

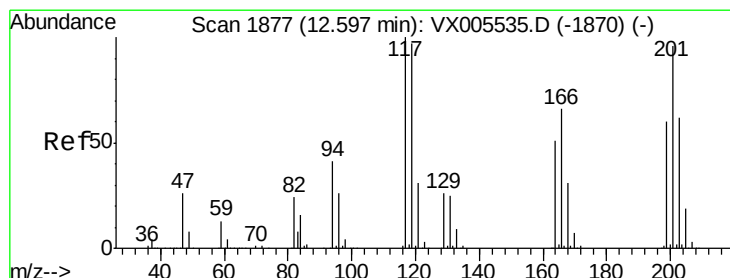
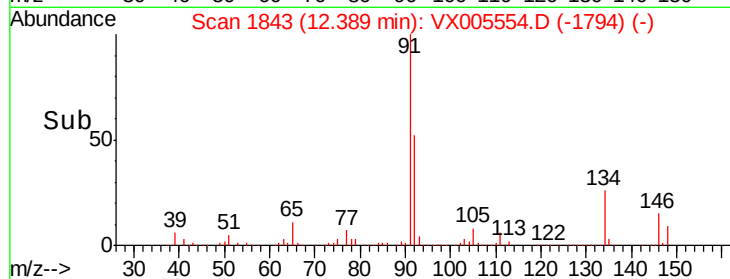
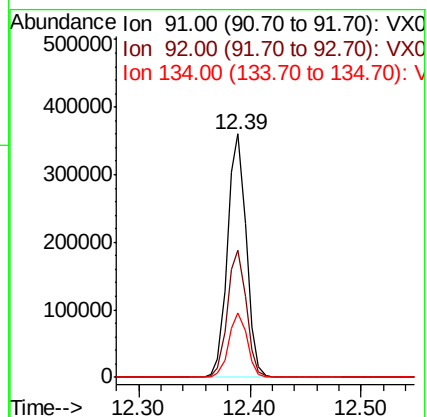
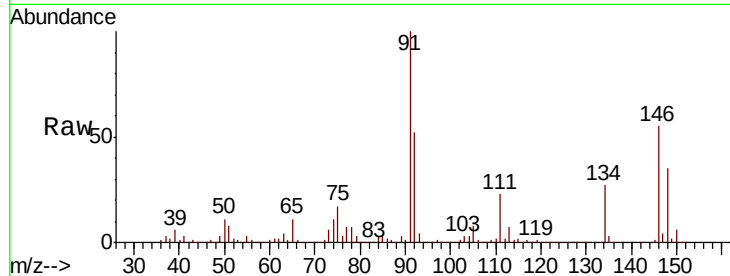
Tot Ion: 91 Resp: 420008

Ion Ratio Lower Upper

91 100

92 52.4 27.3 81.9

134 26.2 13.6 40.7



#90

Hexachloroethane

Concen: 50.584 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005554.D

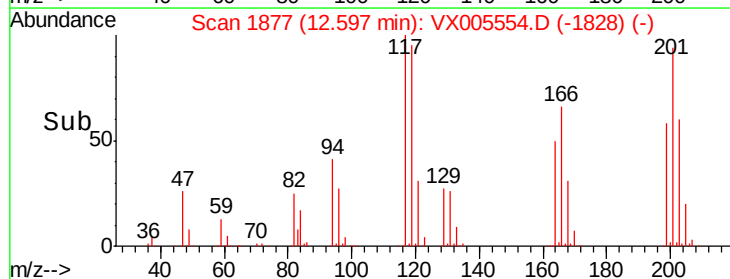
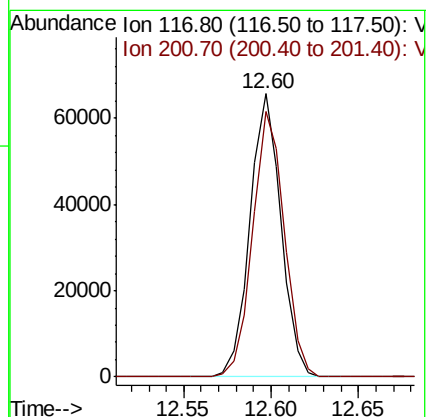
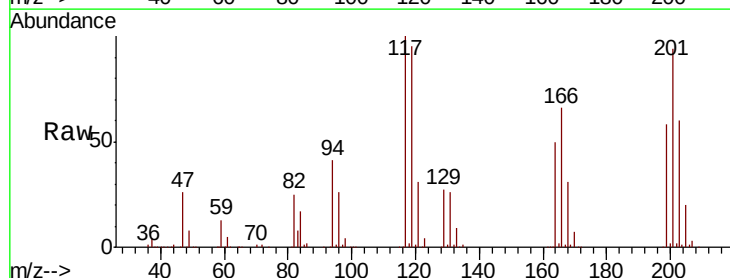
Acq: 24 Oct 2018 20:59

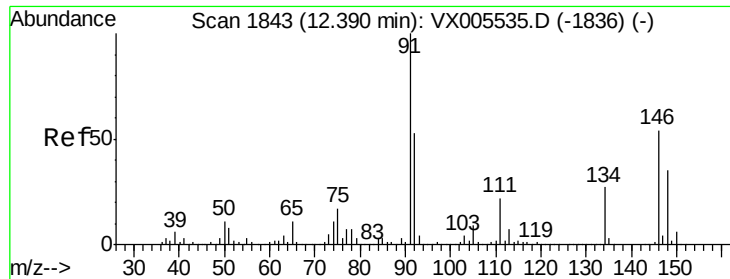
Tgt Ion: 117 Resp: 80915

Ion Ratio Lower Upper

117 100

201 95.4 46.9 140.6

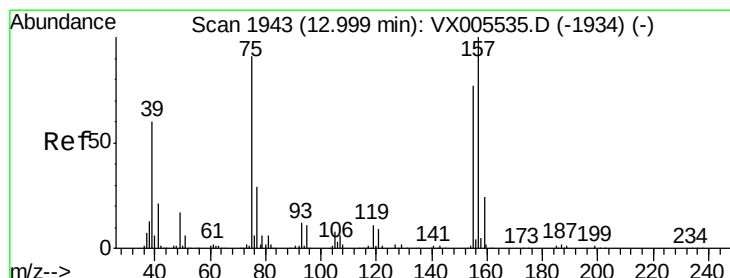
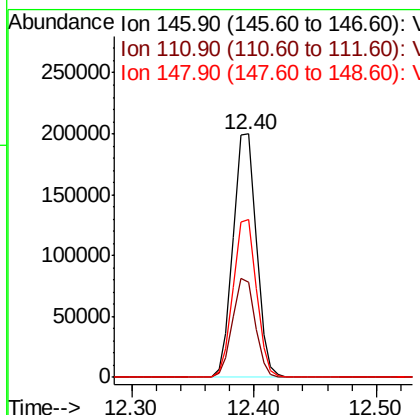
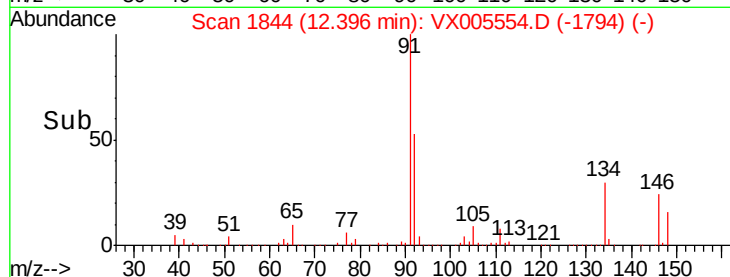
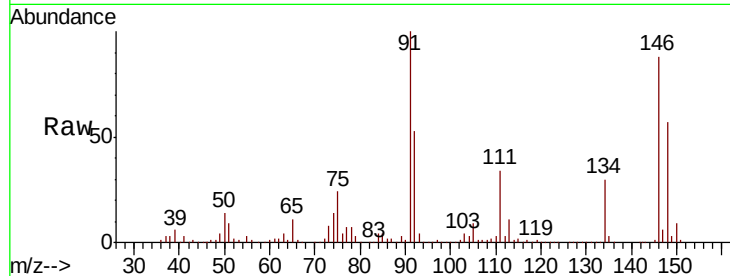




#91
 1,2-Dichlorobenzene
 Concen: 48.612 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

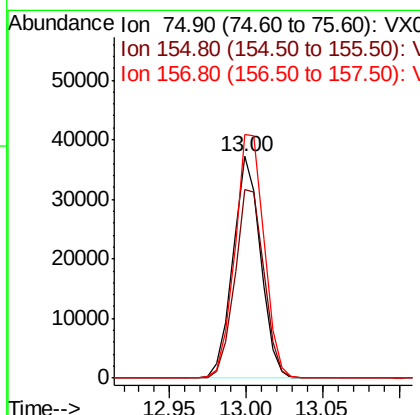
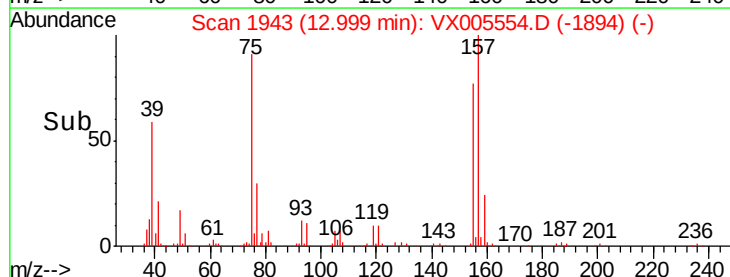
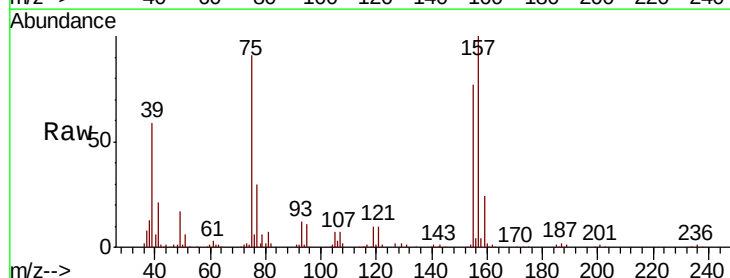
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MSD

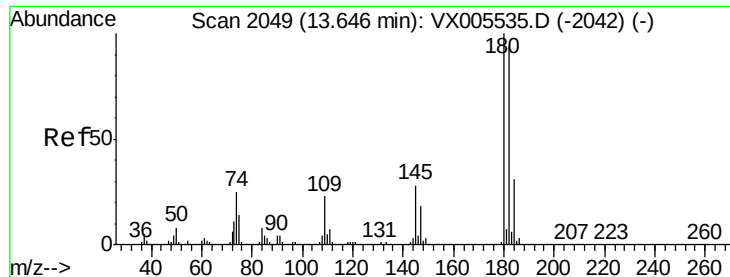
Tot Ion:146 Resp: 262814
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.4 58.1
 148 64.4 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.186 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion: 75 Resp: 46557
 Ion Ratio Lower Upper
 75 100
 155 89.2 48.0 144.2
 157 115.5 61.4 184.1

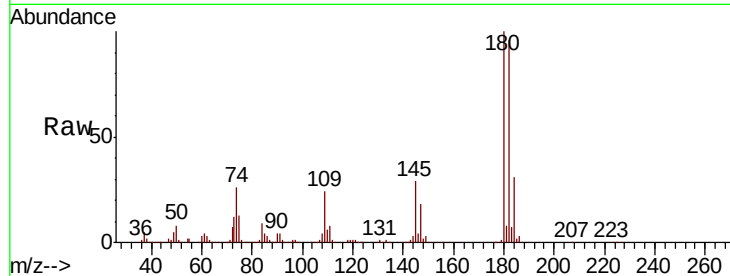




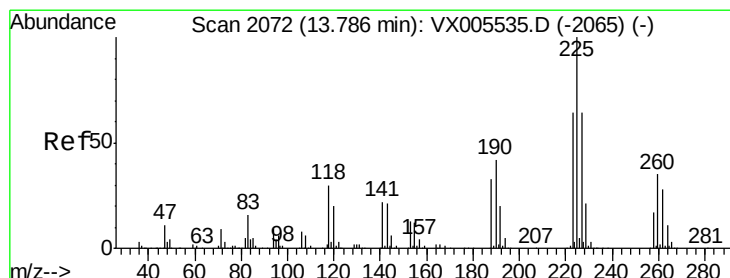
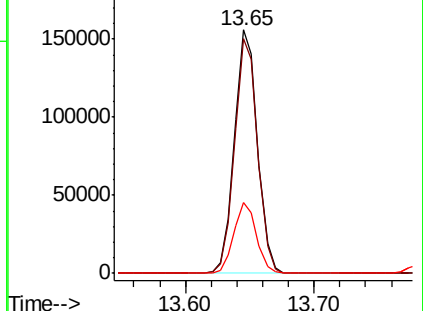
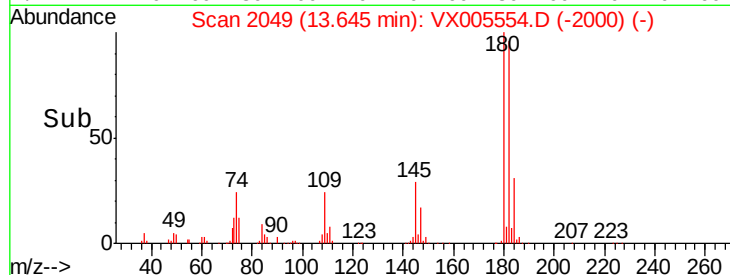
#93
 1,2,4-Trichlorobenzene
 Concen: 49.435 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MSD

Tot Ion:180 Resp: 193739
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.0
 145 28.6 14.3 42.9

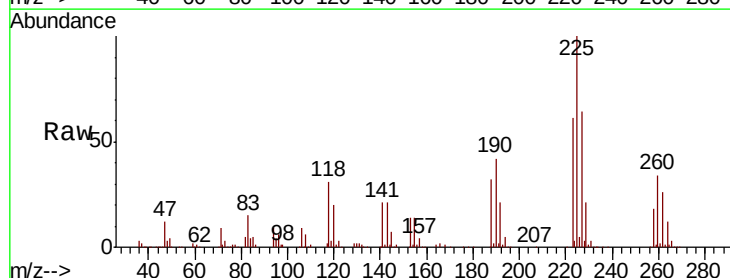


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

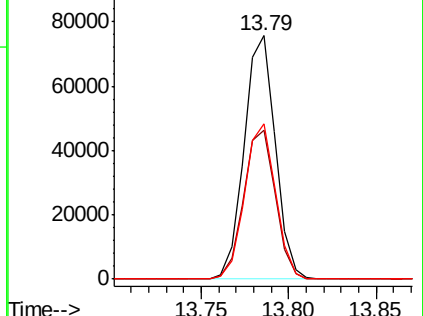
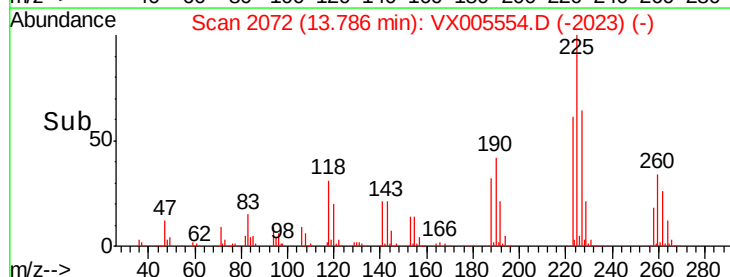


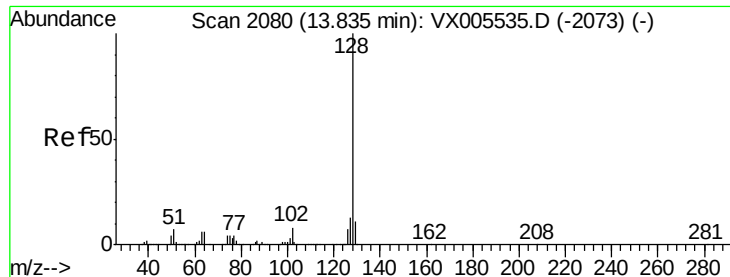
#94
 Hexachlorobutadiene
 Concen: 46.117 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005554.D
 Acq: 24 Oct 2018 20:59

Tgt Ion:225 Resp: 93662
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.1 90.5
 227 63.3 30.8 92.4



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

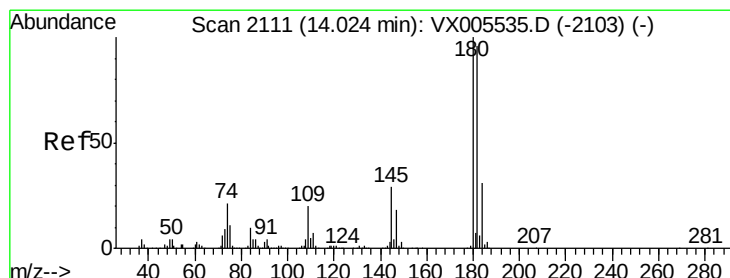
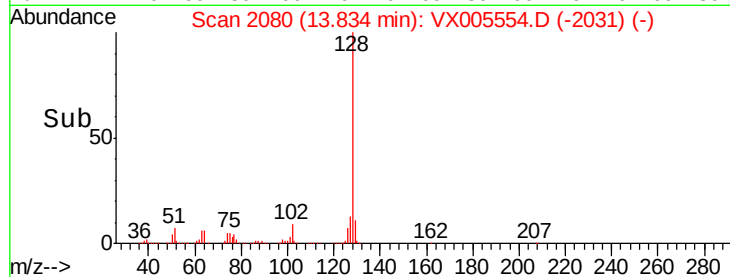
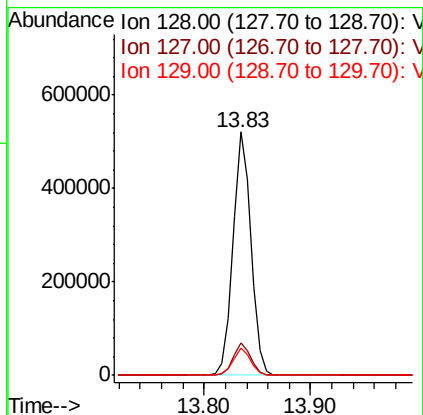
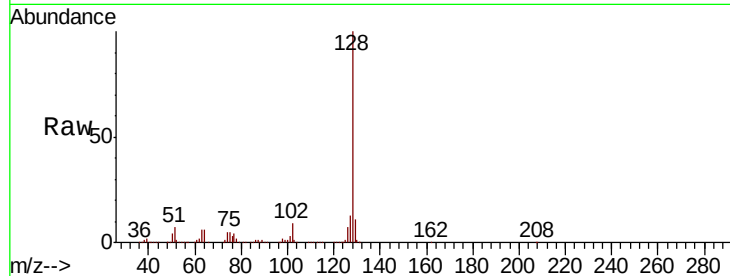




#95
Naphthalene
Concen: 54.275 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MSD

Tot Ion:128 Resp: 618293
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.893 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005554.D
Acq: 24 Oct 2018 20:59

Tgt Ion:180 Resp: 202183
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.6
145 30.1 14.9 44.9

