

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005542.D
 Acq On : 24 Oct 2018 15:39
 Operator : JC/MD
 Sample : J5655-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

Quant Time: Oct 25 04:53:27 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	5.66	168	193964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121380	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	5.50	113	94868	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	346214	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	113257	42.88	ug/l	0.00
Spiked Amount			Recovery	=	85.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	507	0.265	ug/l	100
3) Chloromethane	1.33	50	994	0.408	ug/l #	84
4) Vinyl Chloride	1.40	62	661	0.276	ug/l #	86
5) Bromomethane	1.65	94	874	0.586	ug/l	94
6) Chloroethane	1.73	64	383	0.250	ug/l	100
7) Trichlorofluoromethane	1.93	101	889	0.267	ug/l	99
8) Diethyl Ether	2.19	74	365	0.275	ug/l #	34
9) 1,1,2-Trichlorotrifluoroet	2.39	101	742	0.388	ug/l #	93
10) Methyl Iodide	2.51	142	616	3.017	ug/l #	91
11) Tert butyl alcohol	3.06	59	1166	1.830	ug/l #	76
12) 1,1-Dichloroethene	2.38	96	516	0.283	ug/l	88
13) Acrolein	2.29	56	593	1.825	ug/l #	72
14) Allyl chloride	2.73	41	916	0.225	ug/l #	86
15) Acrylonitrile	3.15	53	2095	1.466	ug/l #	94
16) Acetone	2.44	43	2341	1.871	ug/l	100
17) Carbon Disulfide	2.57	76	2922	0.526	ug/l #	95
18) Methyl Acetate	2.78	43	1029	Below Cal		96
19) Methyl tert-butyl Ether	3.20	73	1626	0.250	ug/l #	73
20) Methylene Chloride	2.85	84	2070	0.988	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	725	0.365	ug/l	89
22) Diisopropyl ether	3.87	45	1688	0.238	ug/l #	95
23) Vinyl Acetate	3.82	43	8099	1.296	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	1150	0.298	ug/l #	82
25) 2-Butanone	4.70	43	2434	1.278	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	741	0.249	ug/l #	67
27) cis-1,2-Dichloroethene	4.59	96	537	0.251	ug/l	66
28) Bromochloromethane	5.01	49	630	0.338	ug/l #	64
29) Tetrahydrofuran	5.16	42	1599	1.290	ug/l	89
30) Chloroform	5.21	83	840	0.233	ug/l	93
31) Cyclohexane	5.58	56	984	0.308	ug/l #	74
32) 1,1,1-Trichloroethane	5.49	97	849	0.267	ug/l #	36
36) 1,1-Dichloropropene	5.81	75	1013	0.363	ug/l #	73
37) Ethyl Acetate	4.85	43	1132	0.318	ug/l #	82
38) Carbon Tetrachloride	5.78	117	912	0.310	ug/l #	57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	1111	0.361	ug/l #	85
40) Benzene	6.14	78	1955	0.244	ug/l	95
42) 1,2-Dichloroethane	6.20	62	849	0.279	ug/l #	72
43) Isopropyl Acetate	6.46	43	1290	0.242	ug/l #	89
44) Trichloroethene	7.21	130	624	0.286	ug/l	74
45) 1,2-Dichloropropane	7.51	63	665	0.309	ug/l #	86
46) Dibromomethane	7.66	93	444	0.320	ug/l	87
47) Bromodichloromethane	7.90	83	665	0.247	ug/l #	82
48) Methyl methacrylate	7.78	41	699	0.269	ug/l #	72
49) 1,4-Dioxane	7.76	88	232	4.085	ug/l #	57
51) 4-Methyl-2-Pentanone	8.65	43	3322	0.927	ug/l	92
52) Toluene	8.79	92	1255	0.258	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	721	0.248	ug/l #	84
54) cis-1,3-Dichloropropene	8.44	75	703	0.224	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	524	0.256	ug/l #	86
56) Ethyl methacrylate	9.19	69	635	0.208	ug/l #	49
57) 1,3-Dichloropropane	9.37	76	797	0.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	512	0.300	ug/l #	65
59) 2-Hexanone	9.50	43	2716	0.961	ug/l	85
60) Dibromochloromethane	9.59	129	493	0.231	ug/l	90
61) 1,2-Dibromoethane	9.67	107	514	0.242	ug/l	98
64) Tetrachloroethene	9.34	164	712	0.334	ug/l #	86
65) Chlorobenzene	10.13	112	1467	0.268	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	462	0.232	ug/l #	66
67) Ethyl Benzene	10.25	91	2062	0.229	ug/l #	86
68) m/p-Xylenes	10.36	106	1654	0.474	ug/l	94
69) o-Xylene	10.70	106	791	0.241	ug/l	97
73) Isopropylbenzene	11.02	105	2023	0.272	ug/l	98
74) N-amyl acetate	10.90	43	926	0.251	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	853	0.311	ug/l #	95
76) 1,2,3-Trichloropropane	11.14	75	57351	23.128	ug/l #	37
77) Bromobenzene	11.26	156	728	0.351	ug/l	94
78) n-propylbenzene	11.36	91	2758	0.324	ug/l	97
79) 2-Chlorotoluene	11.42	91	1491	0.283	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	1963	0.308	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	57351	72.649	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1945	0.313	ug/l	100
83) tert-Butylbenzene	11.77	119	2279	0.359	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1761	0.273	ug/l	99
85) sec-Butylbenzene	11.94	105	3061	0.404	ug/l	95
86) p-Isopropyltoluene	12.07	119	2475	0.366	ug/l #	71
87) 1,3-Dichlorobenzene	12.02	146	1384	0.355	ug/l	93
88) 1,4-Dichlorobenzene	12.02	146	1384	0.339	ug/l	92
89) n-Butylbenzene	12.38	91	3260	0.533	ug/l	96
90) Hexachloroethane	12.59	117	634	0.543	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	1379	0.349	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	269	0.405	ug/l	63
93) 1,2,4-Trichlorobenzene	13.65	180	1700	0.594	ug/l	99
94) Hexachlorobutadiene	13.79	225	2727	1.840	ug/l	92
95) Naphthalene	13.83	128	2790	0.336	ug/l #	97

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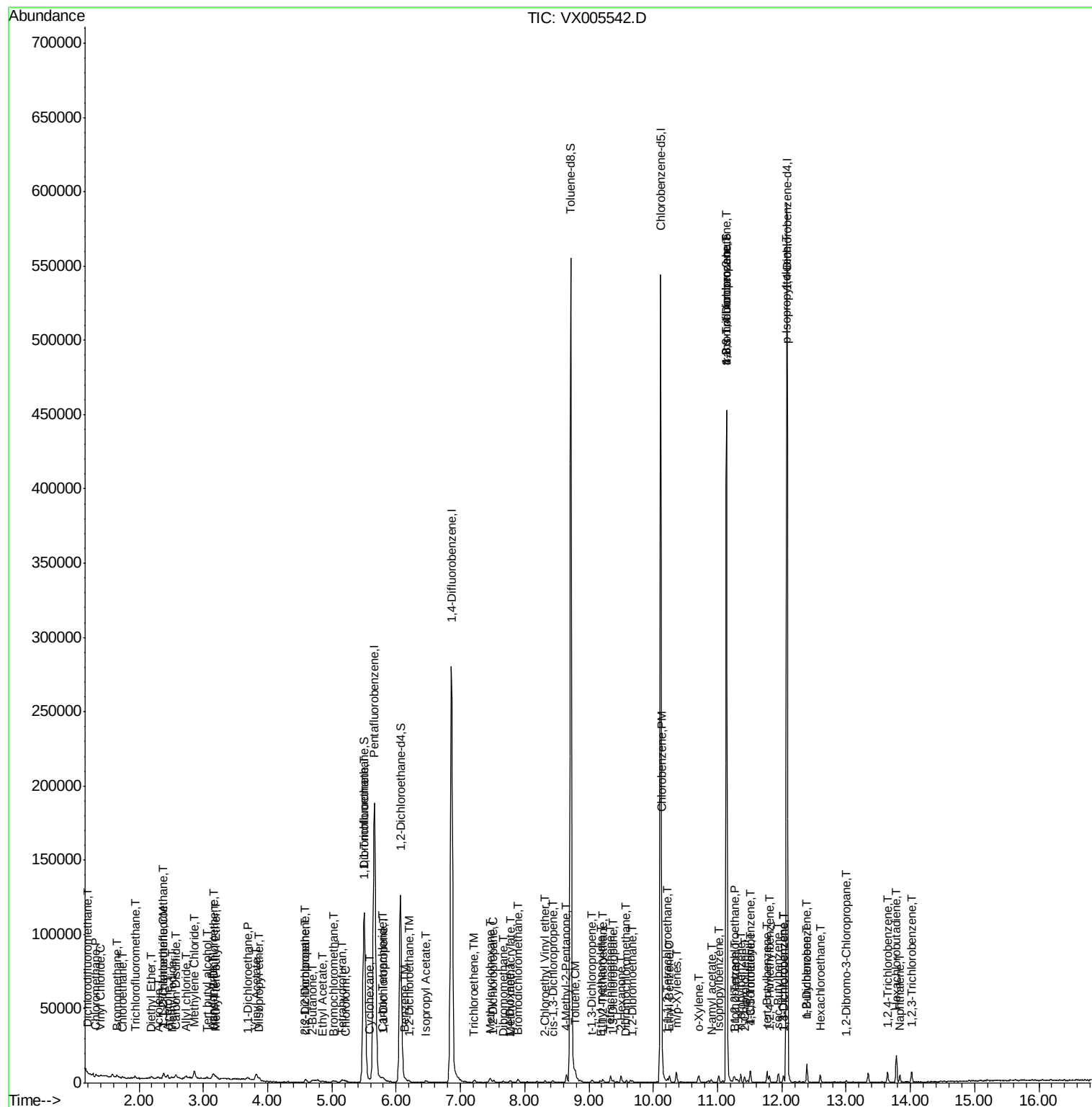
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	1644	0.567	ug/l	95

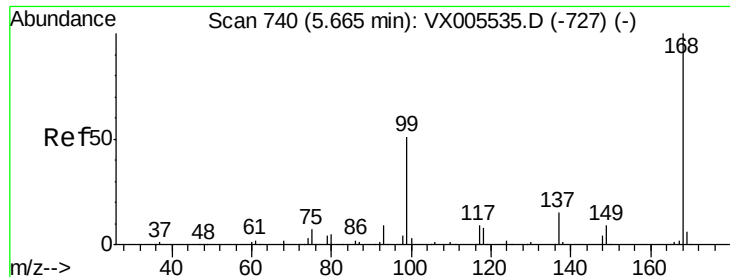
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

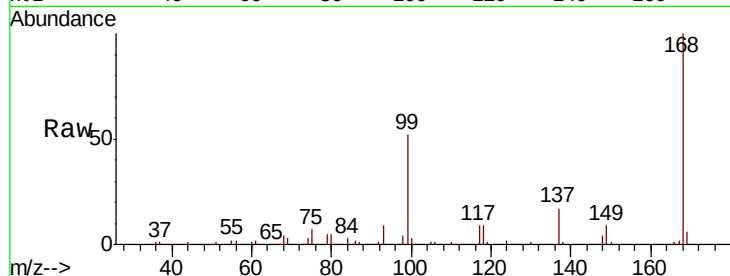
S37-TB-2018-1

Tot Ion:168 Resp: 193964

Ion Ratio Lower Upper

168 100

99 52.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

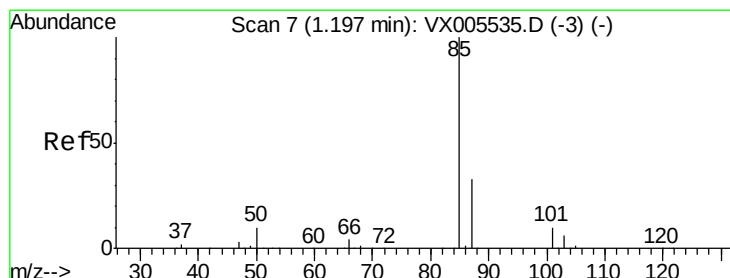
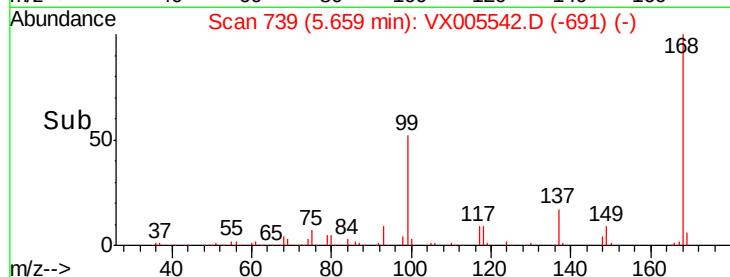
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 0.265 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005542.D

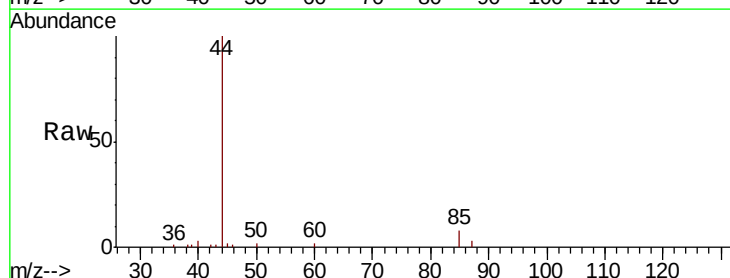
Acq: 24 Oct 2018 15:39

Tgt Ion: 85 Resp: 507

Ion Ratio Lower Upper

85 100

87 33.7 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

600

500

400

300

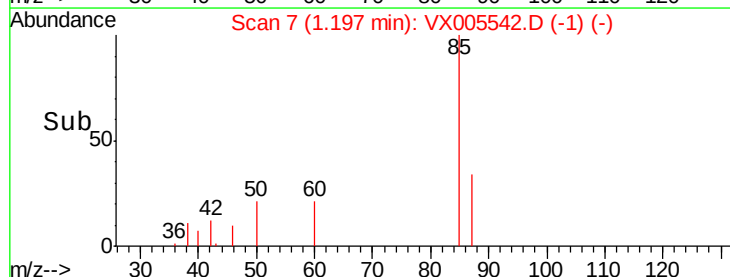
200

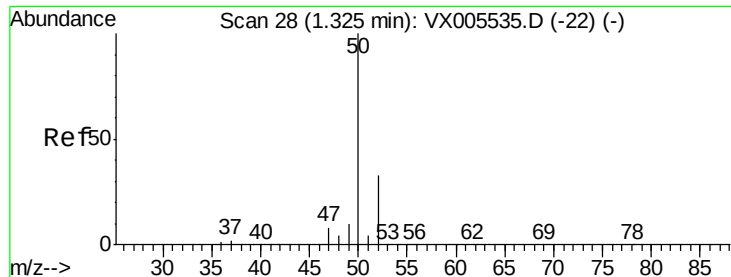
100

0

Time-->

1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.408 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

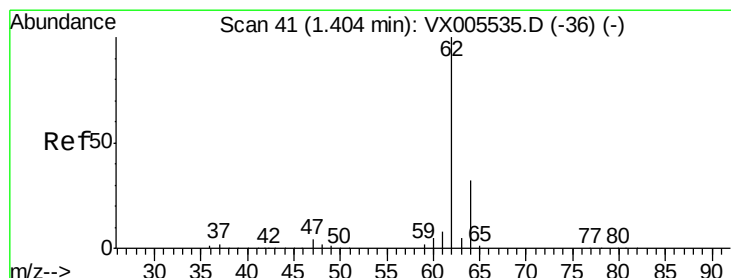
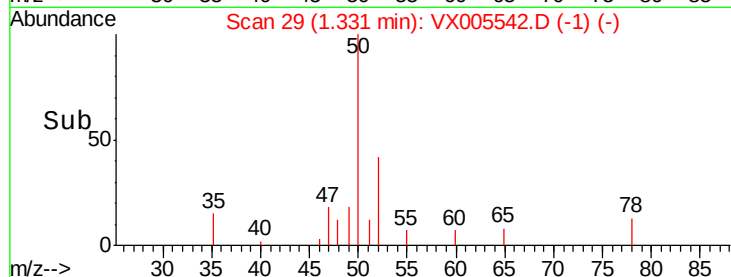
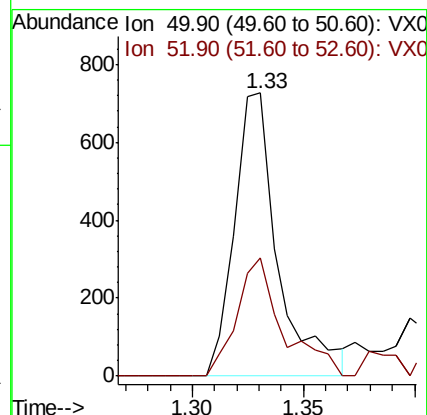
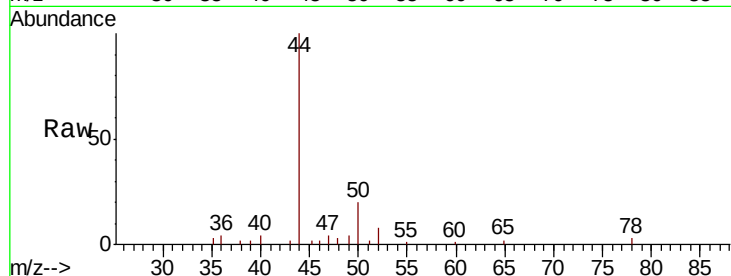
S37-TB-2018-1

Tot Ion: 50 Resp: 994

Ion Ratio Lower Upper

50 100

52 42.0 26.2 39.2#



#4

Vinyl Chloride

Concen: 0.276 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005542.D

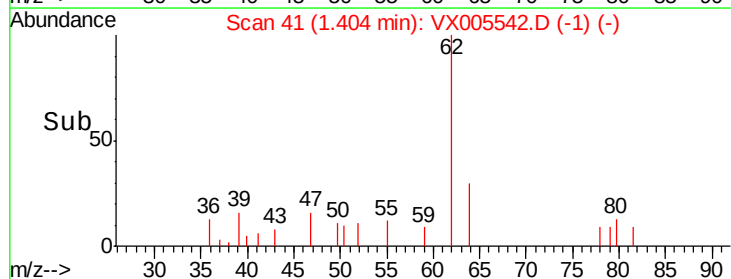
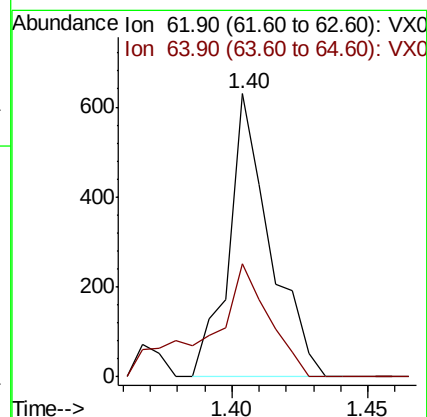
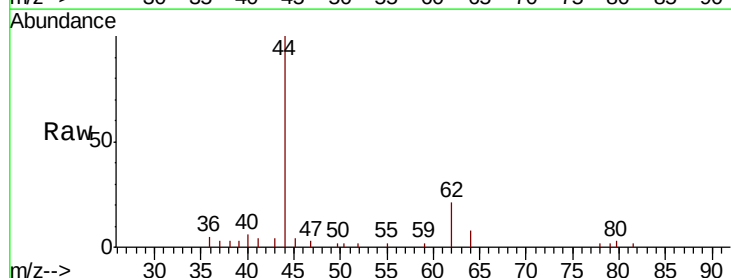
Acq: 24 Oct 2018 15:39

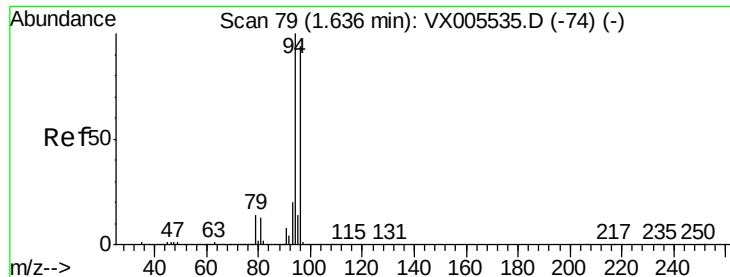
Tgt Ion: 62 Resp: 661

Ion Ratio Lower Upper

62 100

64 39.9 25.8 38.8#





#5

Bromomethane

Concen: 0.586 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

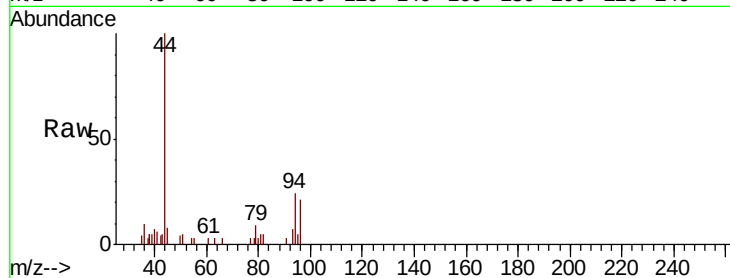
S37-TB-2018-1

Tot Ion: 94 Resp: 874

Ion Ratio Lower Upper

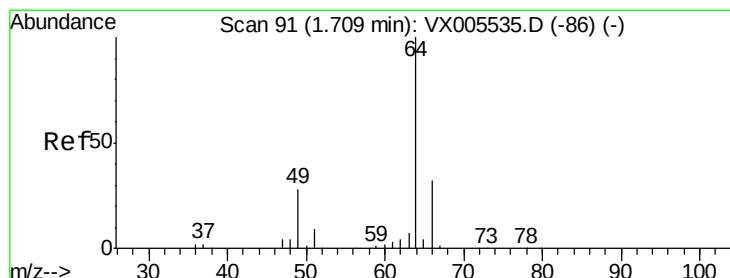
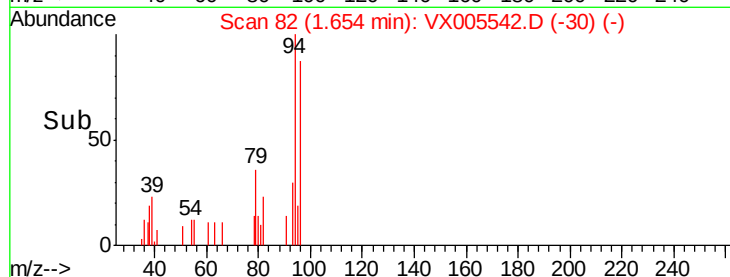
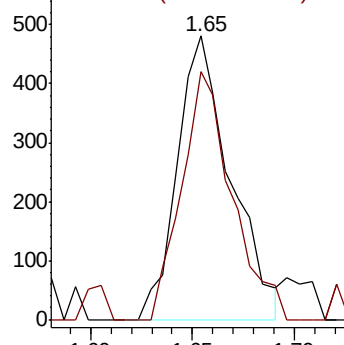
94 100

96 87.3 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: 0.250 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005542.D

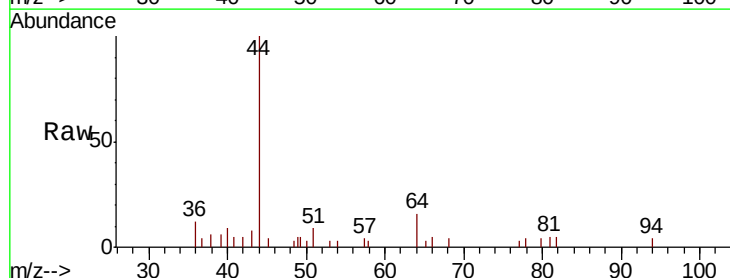
Acq: 24 Oct 2018 15:39

Tgt Ion: 64 Resp: 383

Ion Ratio Lower Upper

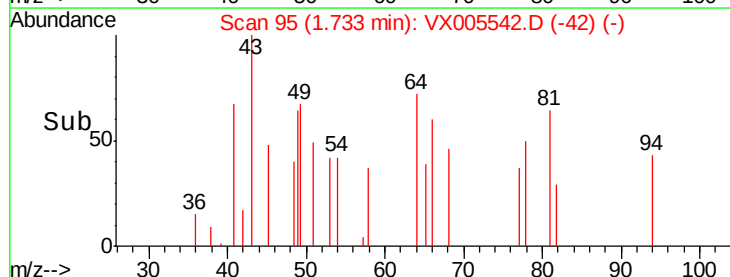
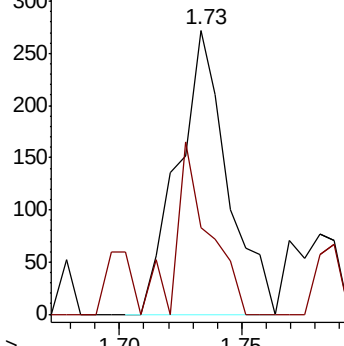
64 100

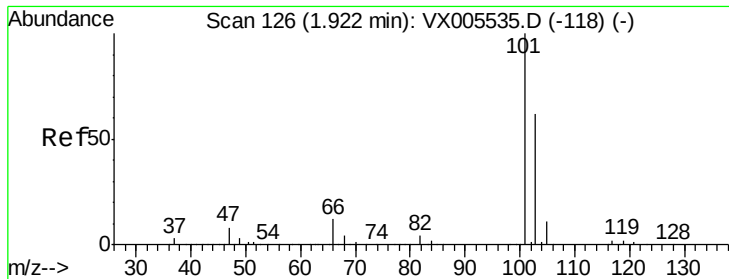
66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



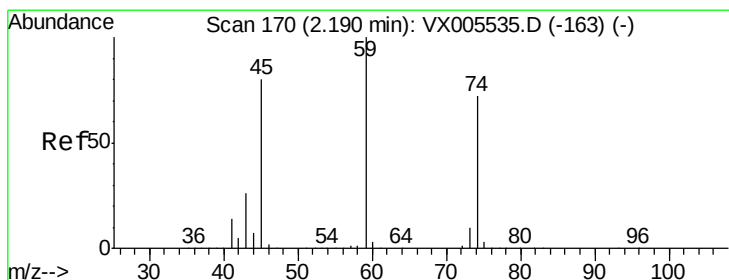
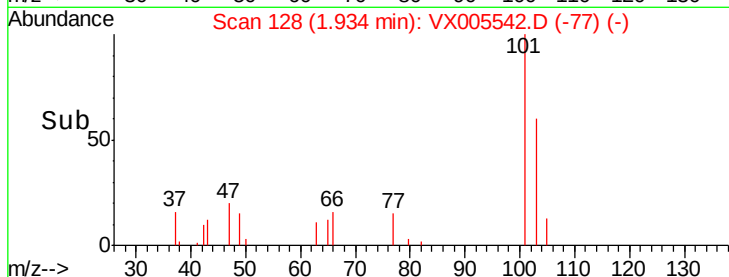
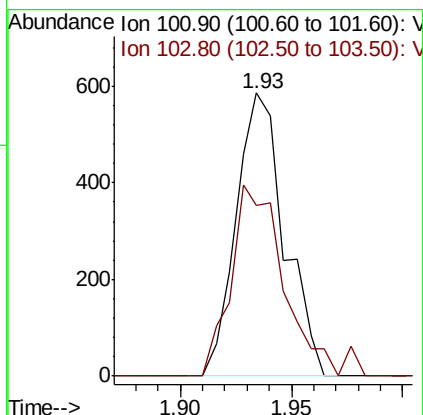
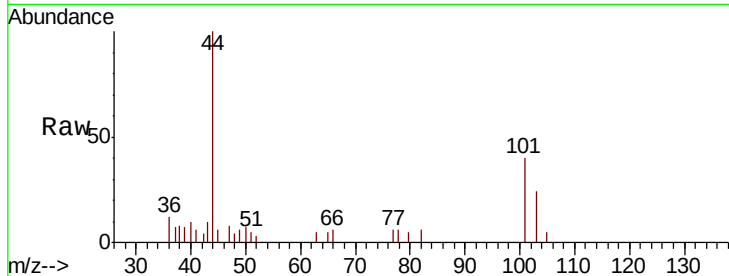


#7

Trichlorofluoromethane
Concen: 0.267 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
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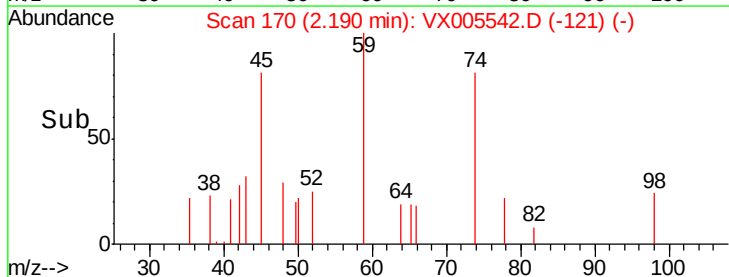
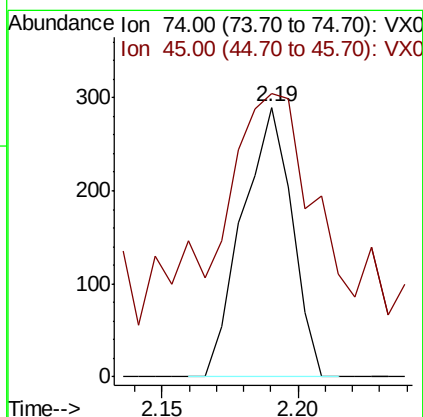
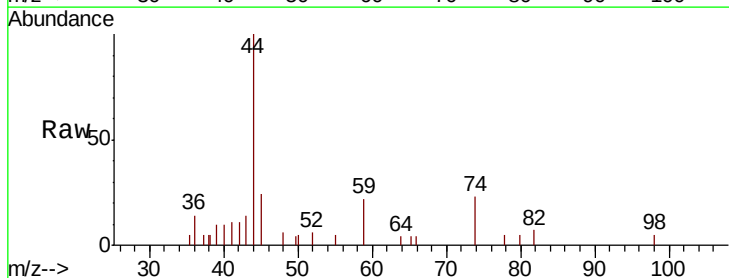
Tot Ion: 101 Resp: 889
Ion Ratio Lower Upper
101 100
103 60.1 48.9 73.3

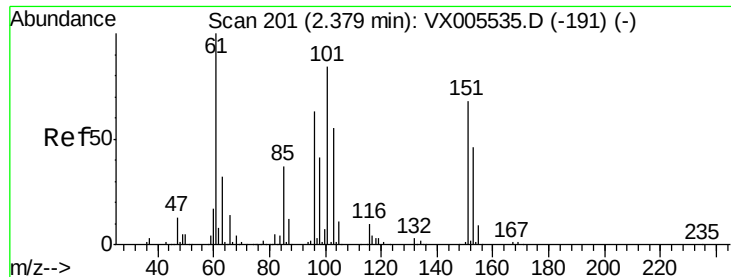


#8

Diethyl Ether
Concen: 0.275 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 74 Resp: 365
Ion Ratio Lower Upper
74 100
45 161.4 48.3 144.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.388 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

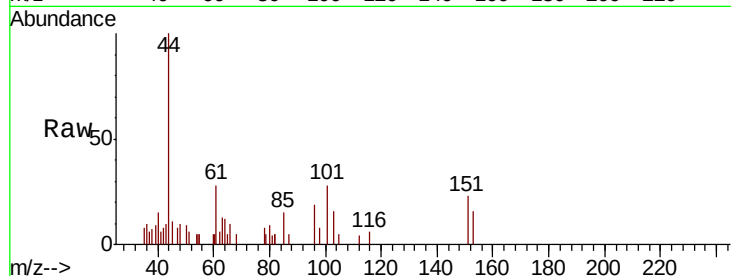
Tot Ion:101 Resp: 742

Ion Ratio Lower Upper

101 100

85 51.9 34.2 51.4#

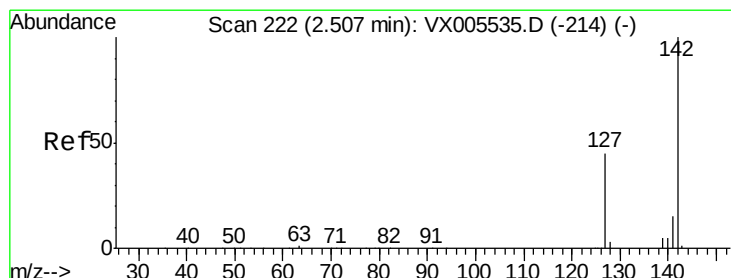
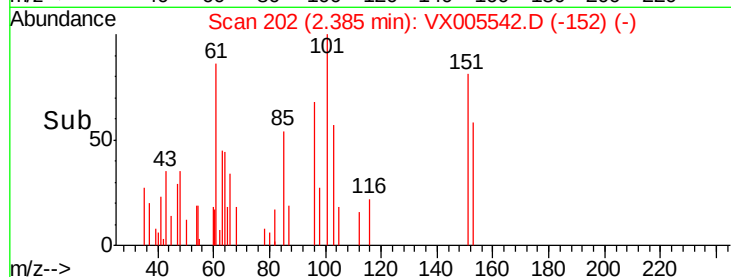
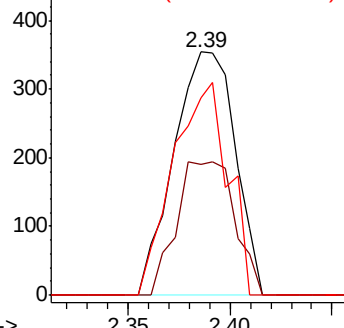
151 78.2 65.0 97.6



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: 3.017 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

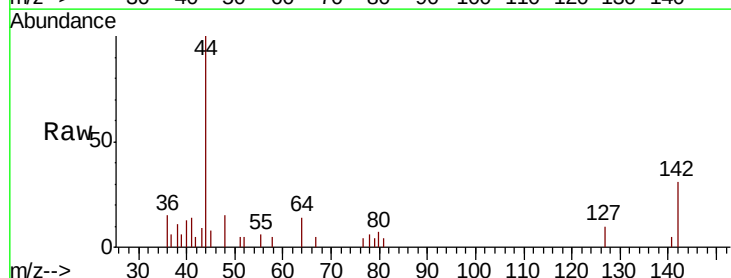
Tgt Ion:142 Resp: 616

Ion Ratio Lower Upper

142 100

127 44.5 33.8 50.6

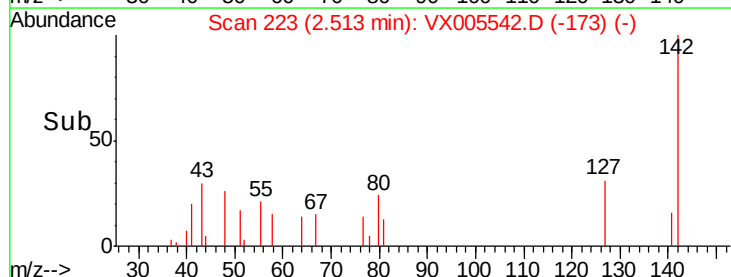
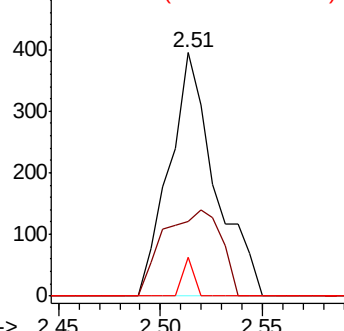
141 3.7 11.4 17.0#

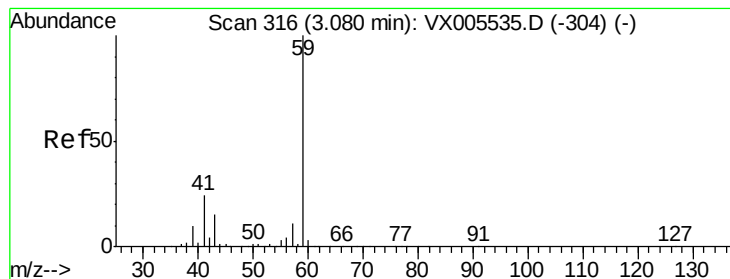


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 1.830 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

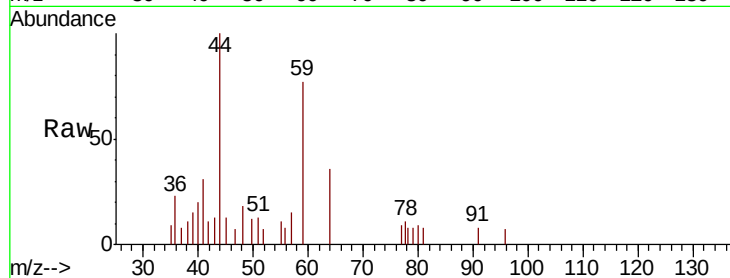
S37-TB-2018-1

Tot Ion: 59 Resp: 1166

Ion Ratio Lower Upper

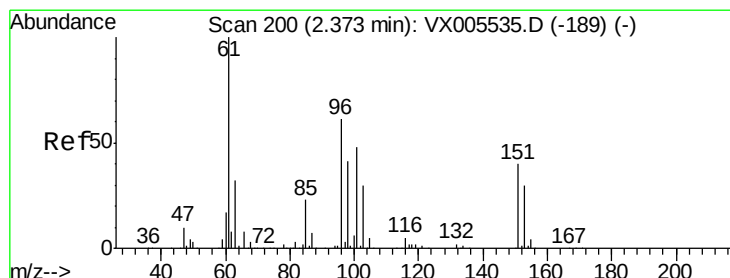
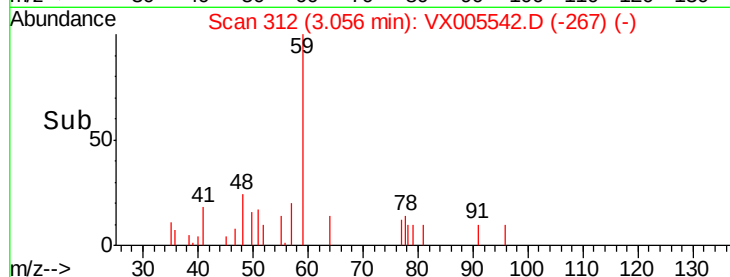
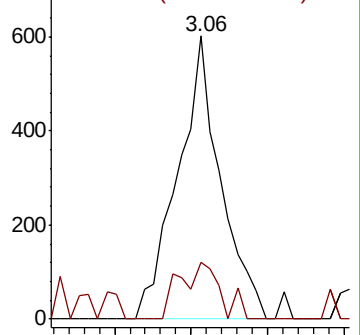
59 100

57 19.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.283 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

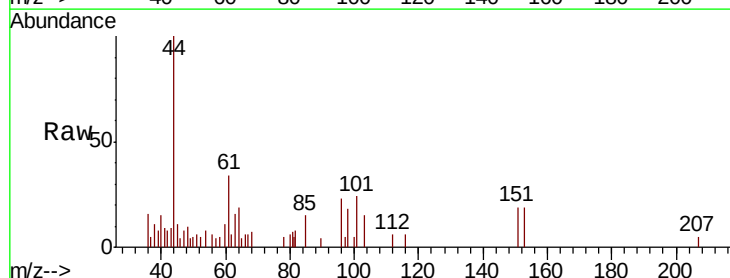
Tgt Ion: 96 Resp: 516

Ion Ratio Lower Upper

96 100

61 147.3 128.8 193.2

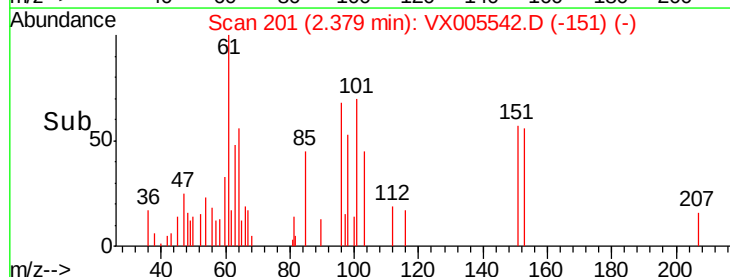
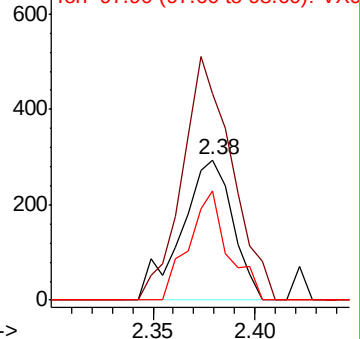
98 78.2 52.2 78.2

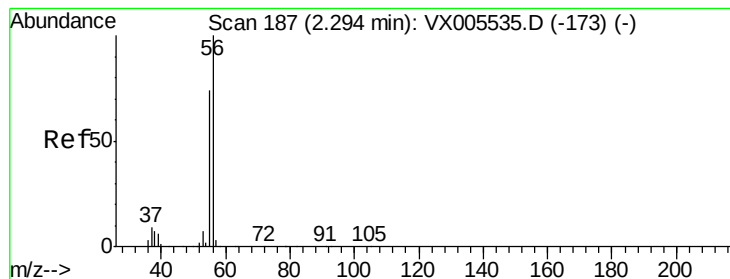


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 1.825 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

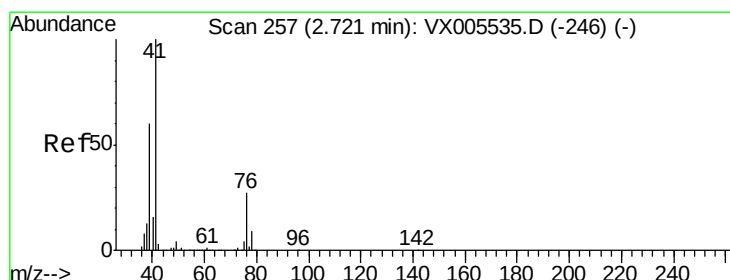
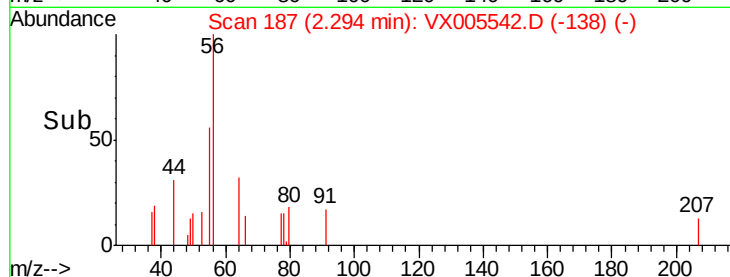
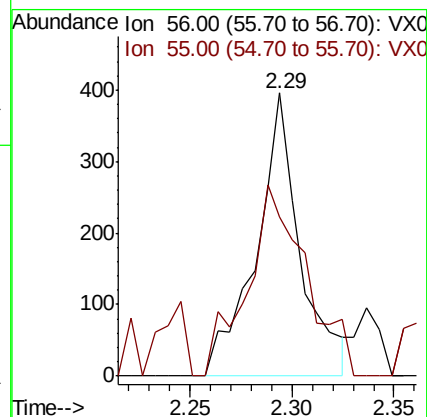
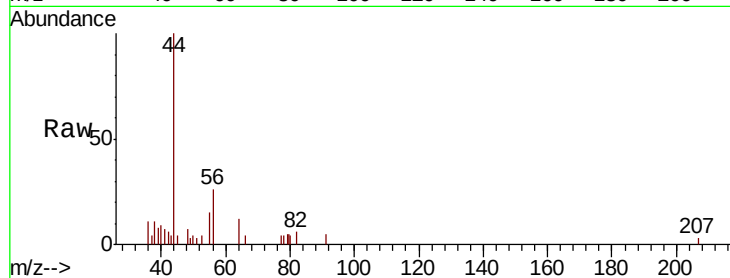
S37-TB-2018-1

Tot Ion: 56 Resp: 593

Ion Ratio Lower Upper

56 100

55 91.4 54.7 82.1#



#14

Allyl chloride

Concen: 0.225 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

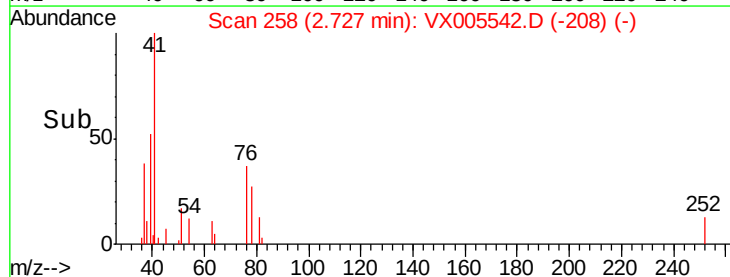
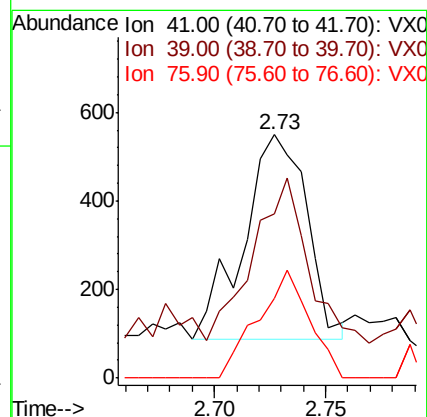
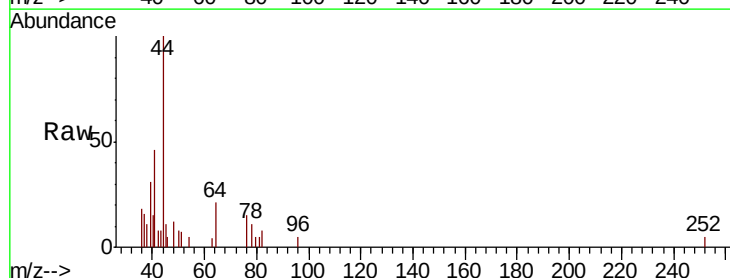
Tgt Ion: 41 Resp: 916

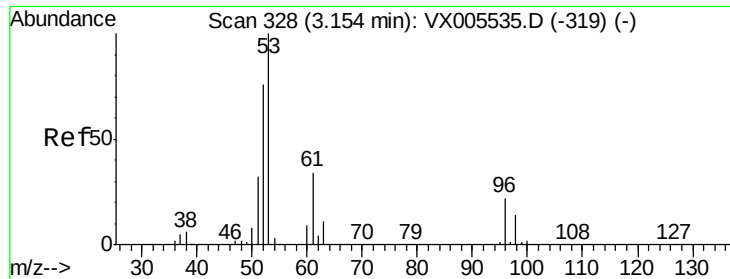
Ion Ratio Lower Upper

41 100

39 70.6 48.9 73.3

76 42.8 26.7 40.1#

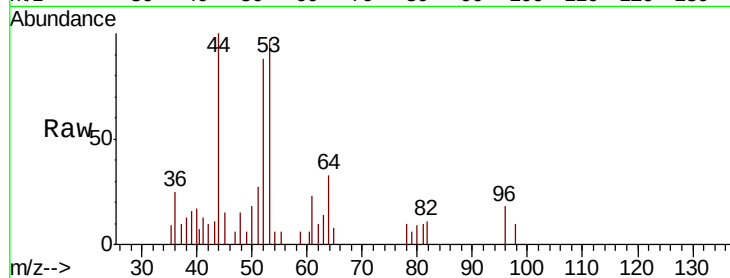




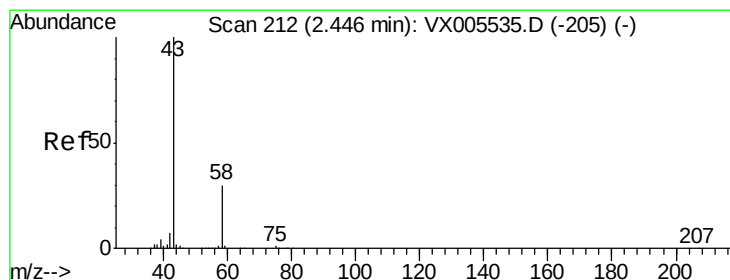
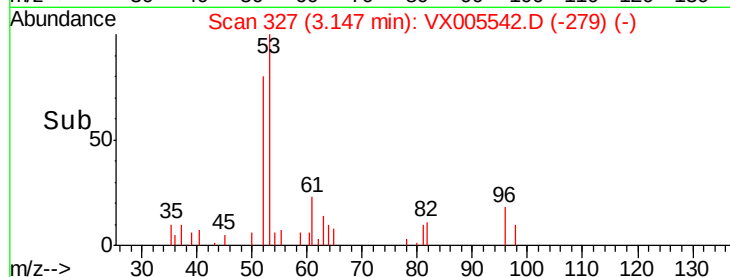
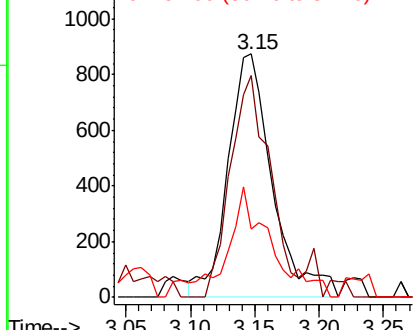
#15
 Acrylonitrile
 Concen: 1.466 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

Tot Ion: 53 Resp: 2095
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.2 97.8
 51 46.4 28.2 42.2#

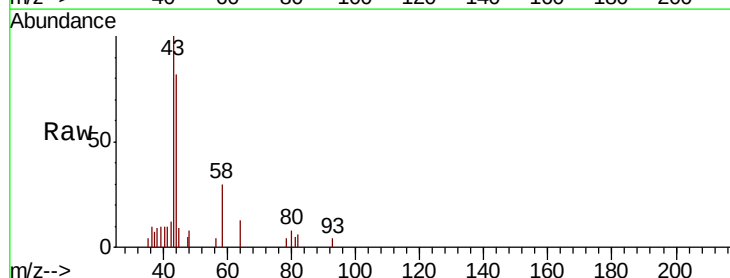


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

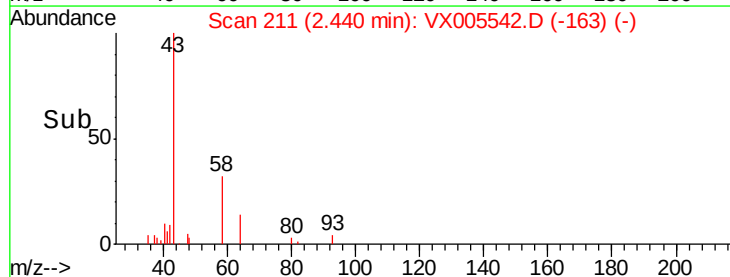
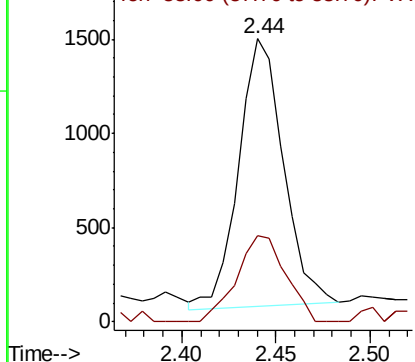


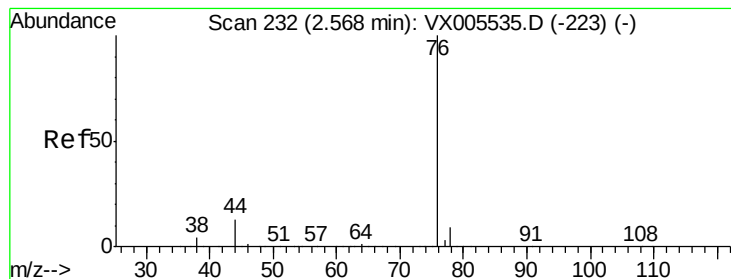
#16
 Acetone
 Concen: 1.871 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 2341
 Ion Ratio Lower Upper
 43 100
 58 32.6 26.2 39.4



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





#17

Carbon Disulfide

Concen: 0.526 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

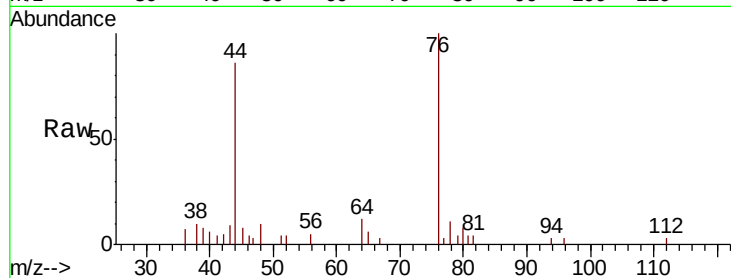
S37-TB-2018-1

Tot Ion: 76 Resp: 2922

Ion Ratio Lower Upper

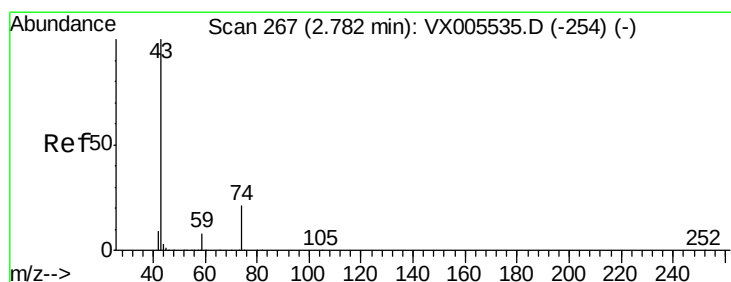
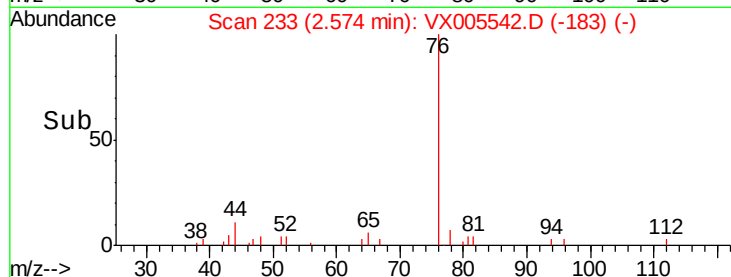
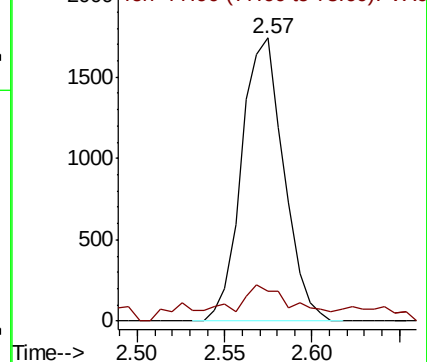
76 100

78 7.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005542.D

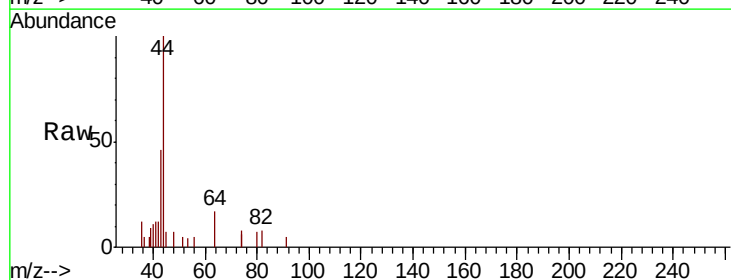
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

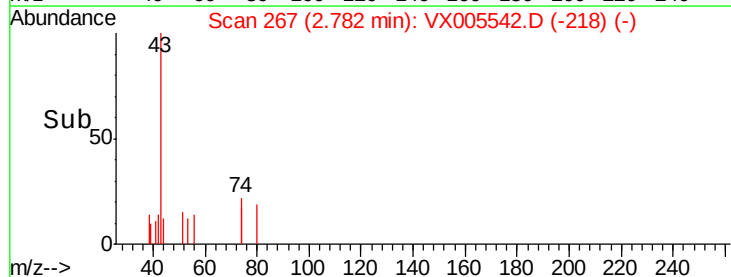
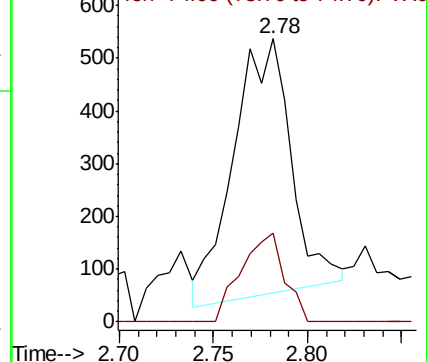
43 100

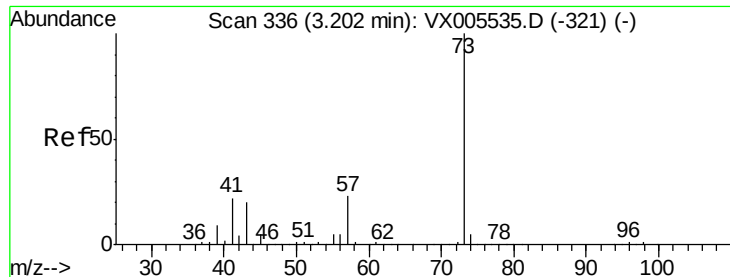
74 26.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

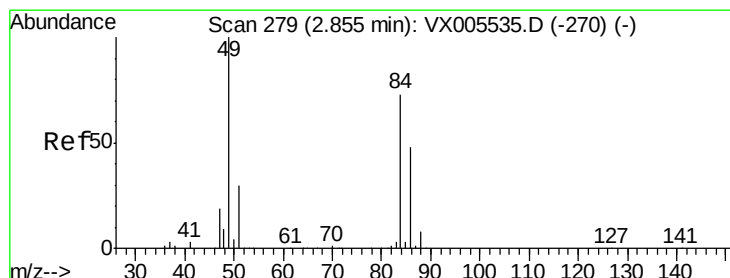
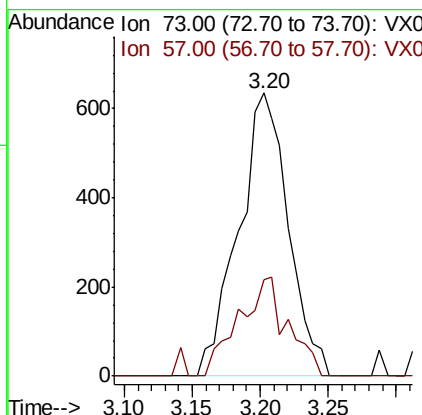
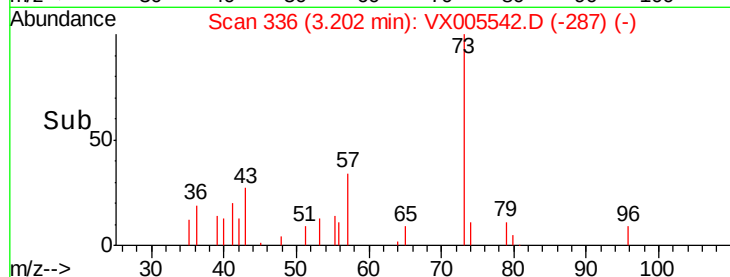
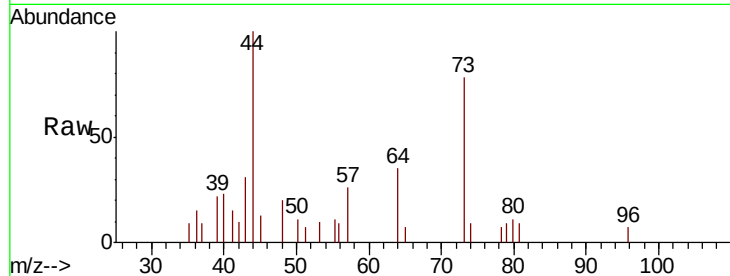




#19
Methyl tert-butyl Ether
Concen: 0.250 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

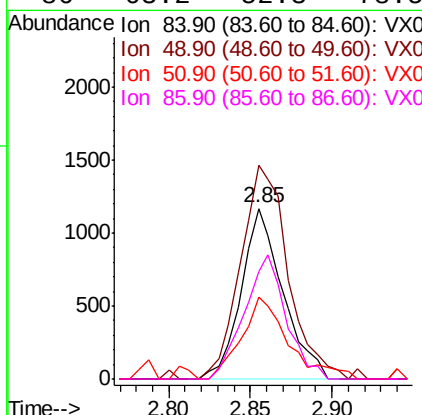
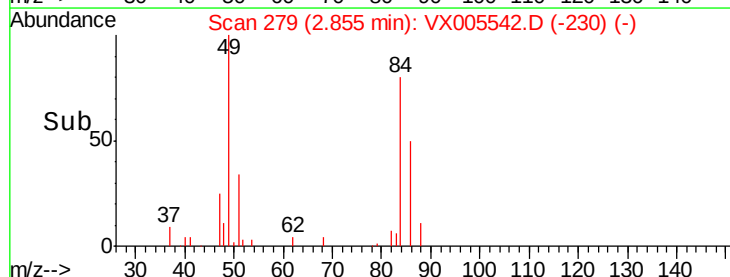
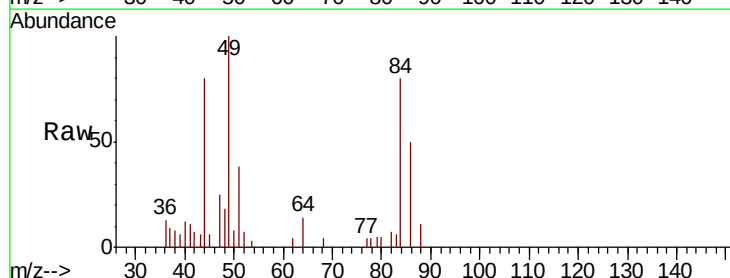
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

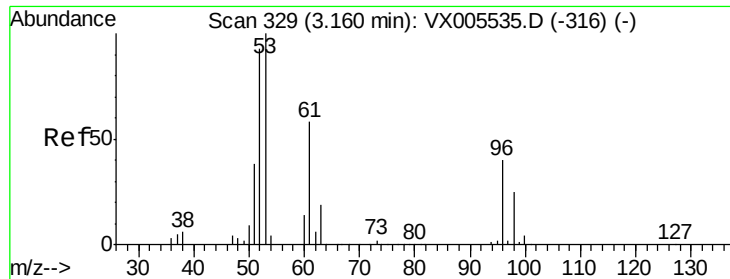
Tot Ion: 73 Resp: 1626
Ion Ratio Lower Upper
73 100
57 34.0 17.1 25.7#



#20
Methylene Chloride
Concen: 0.988 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 84 Resp: 2070
Ion Ratio Lower Upper
84 100
49 125.4 101.2 151.8
51 42.8 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 0.365 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

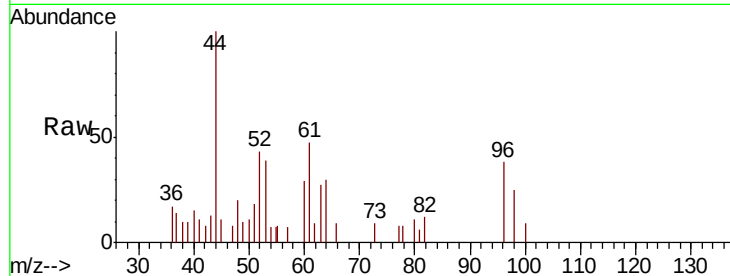
Tot Ion: 96 Resp: 725

Ion Ratio Lower Upper

96 100

61 123.4 113.8 170.6

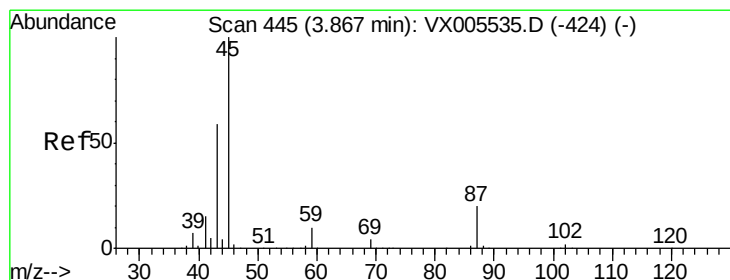
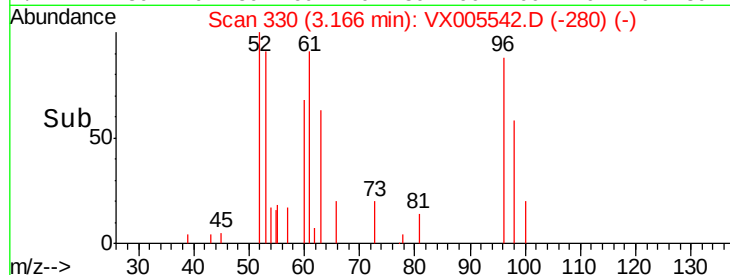
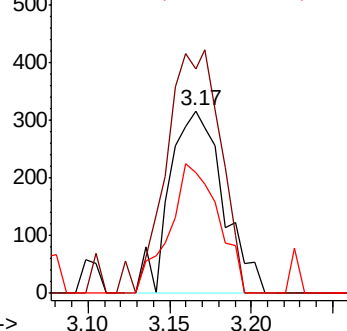
98 66.1 51.8 77.8



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: 0.238 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Tgt Ion: 45 Resp: 1688

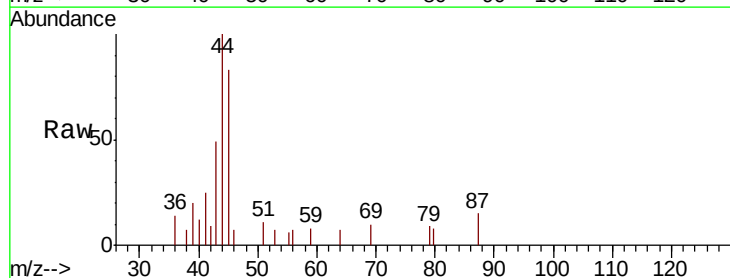
Ion Ratio Lower Upper

45 100

43 54.5 42.8 64.2

87 20.9 22.6 34.0#

59 11.0 9.6 14.4

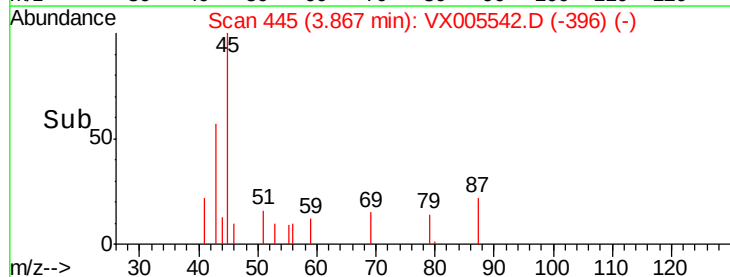
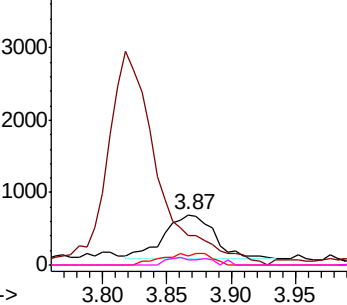


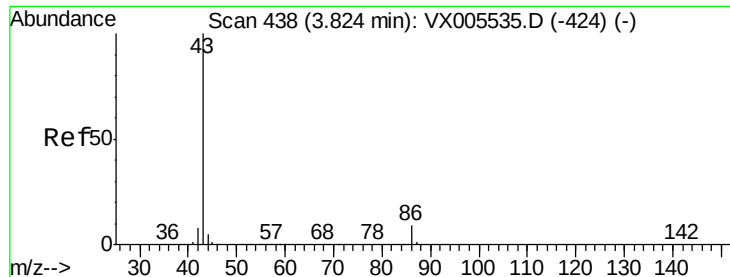
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

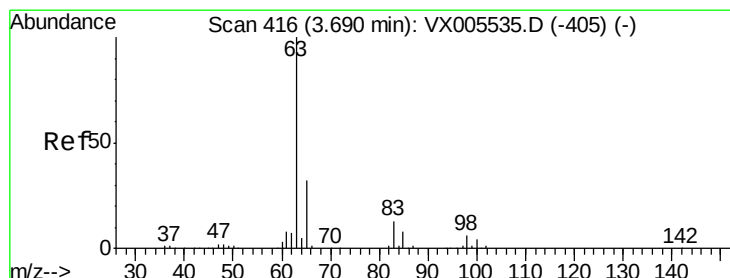
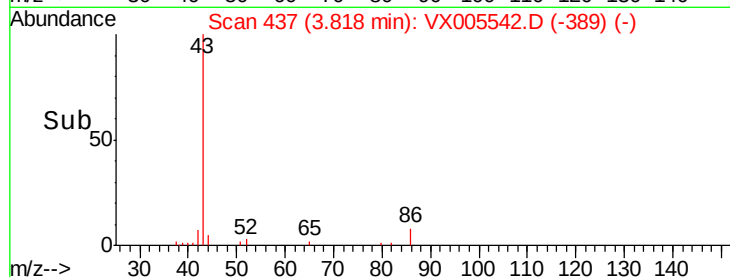
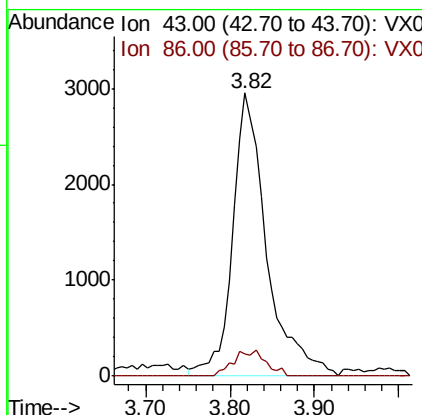
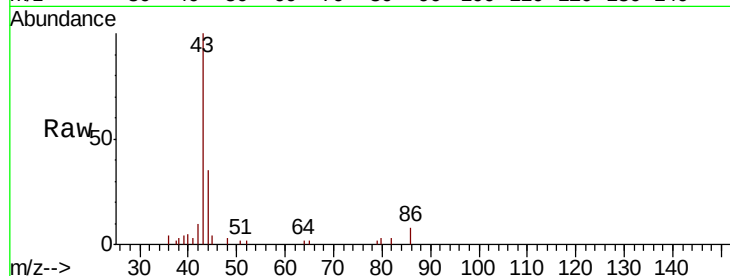




#23
 Vinyl Acetate
 Concen: 1.296 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

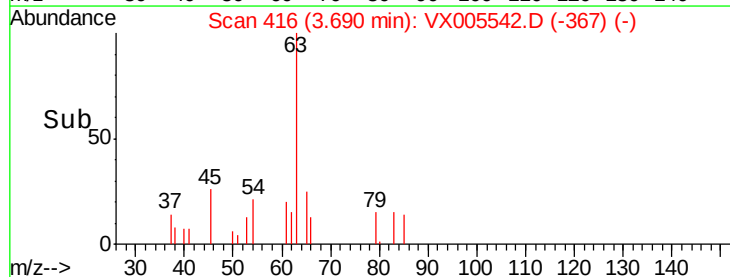
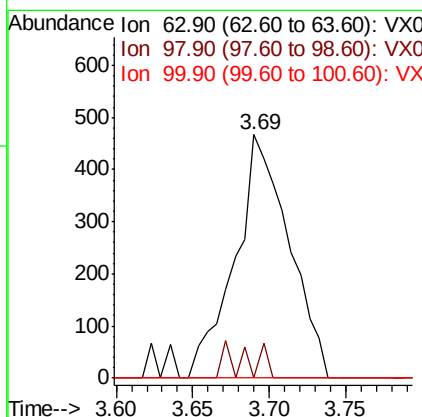
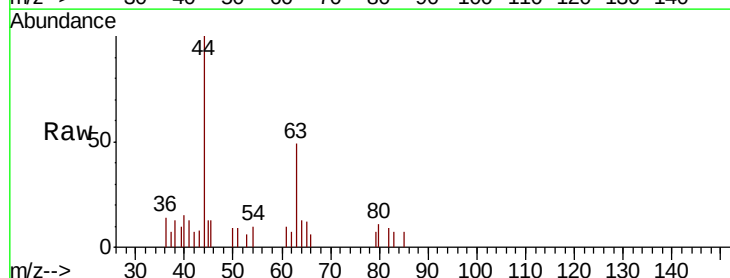
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

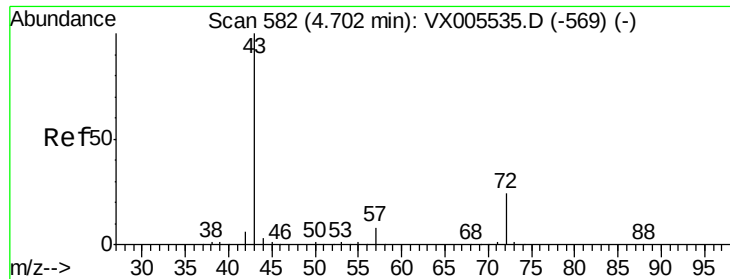
Tot Ion: 43 Resp: 8099
 Ion Ratio Lower Upper
 43 100
 86 7.9 8.9 13.3#



#24
 1,1-Dichloroethane
 Concen: 0.298 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 63 Resp: 1150
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.4 7.1#





#25

2-Butanone

Concen: 1.278 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

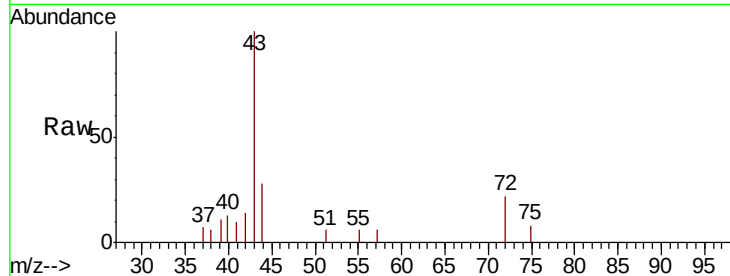
S37-TB-2018-1

Tot Ion: 43 Resp: 2434

Ion Ratio Lower Upper

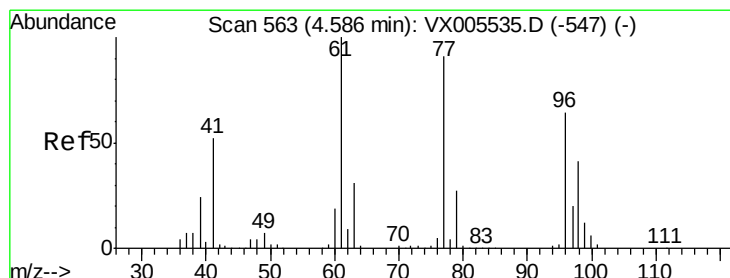
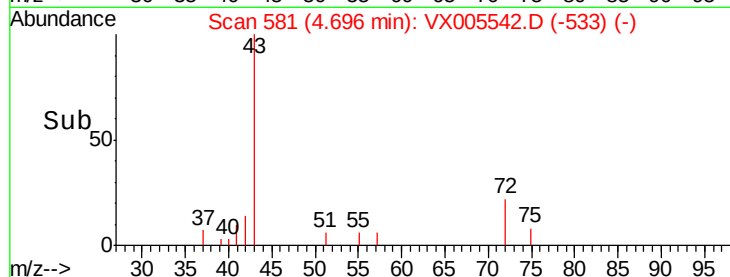
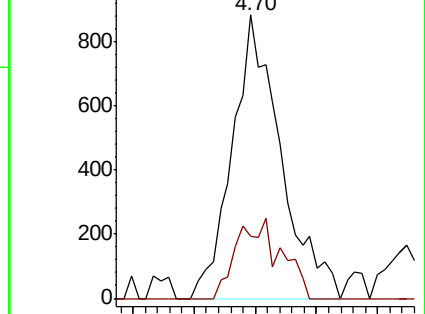
43 100

72 21.9 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.249 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005542.D

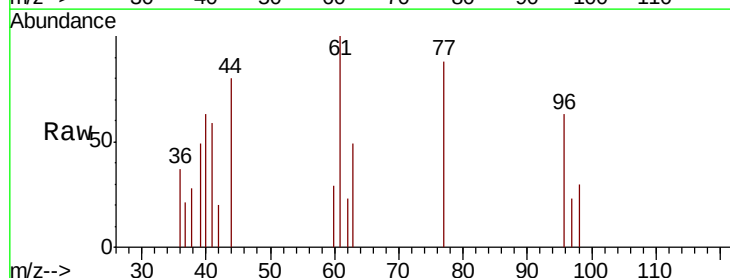
Acq: 24 Oct 2018 15:39

Tgt Ion: 77 Resp: 741

Ion Ratio Lower Upper

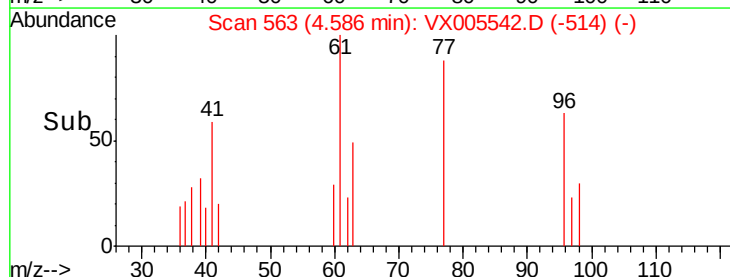
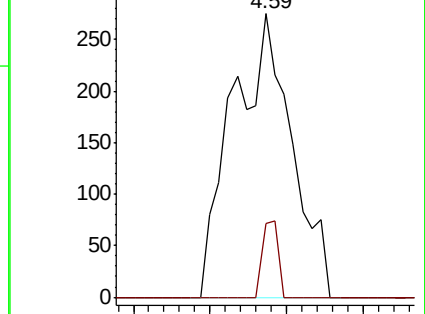
77 100

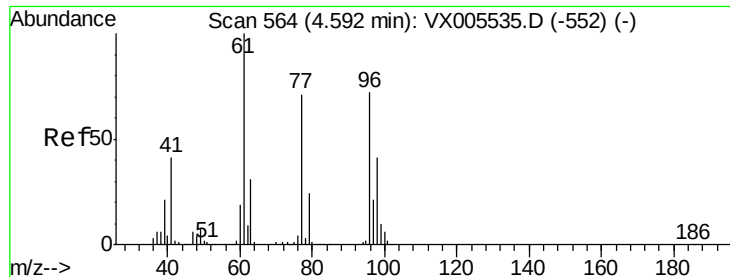
97 7.2 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.251 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

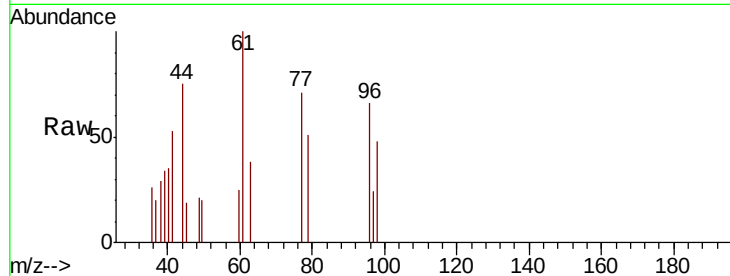
Tot Ion: 96 Resp: 537

Ion Ratio Lower Upper

96 100

61 196.6 0.0 282.6

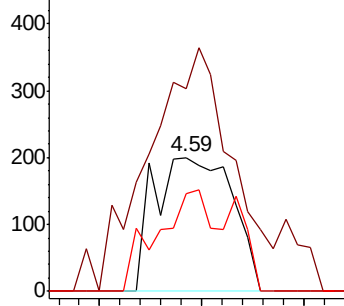
98 72.6 0.0 130.2



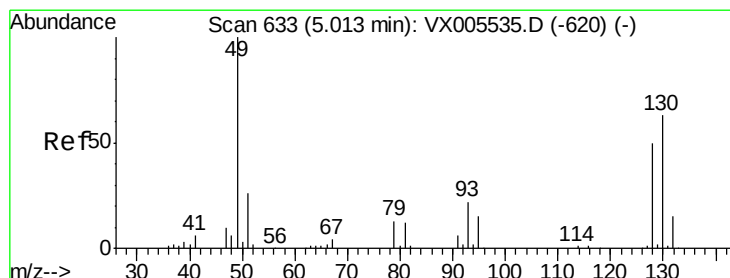
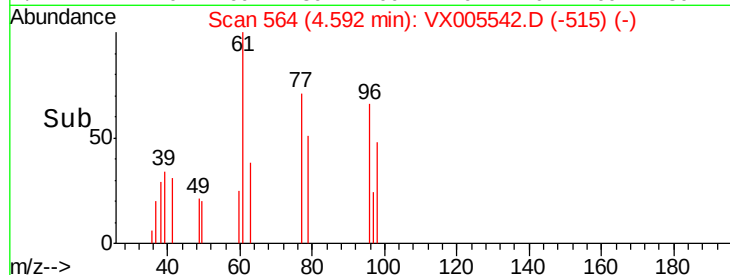
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#28

Bromochloromethane

Concen: 0.338 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

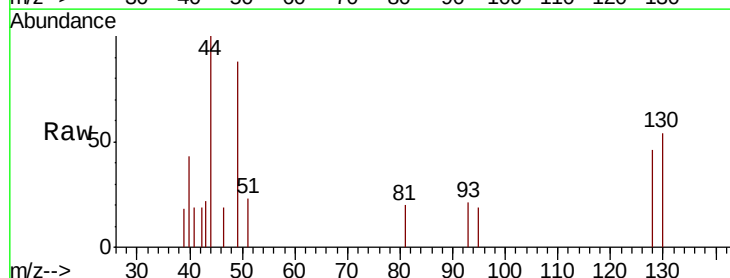
Tgt Ion: 49 Resp: 630

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

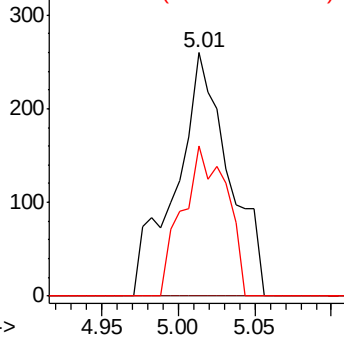
130 51.0 67.5 101.3#



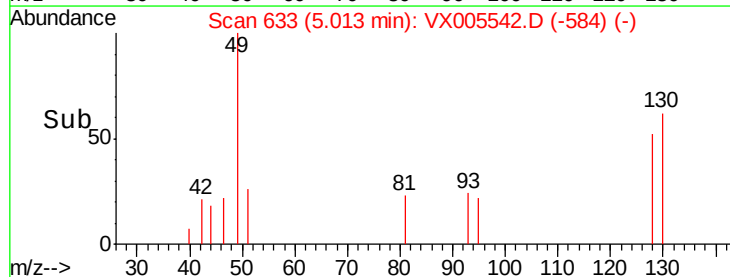
Abundance Ion 48.90 (48.60 to 49.60): VX0

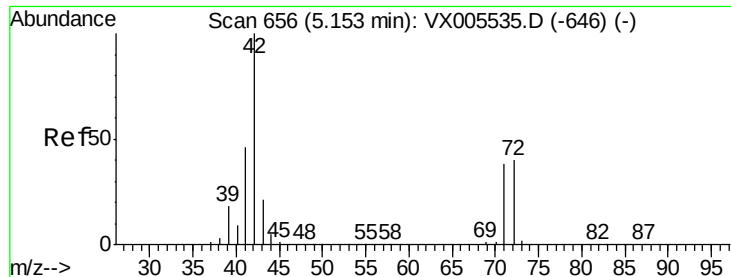
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

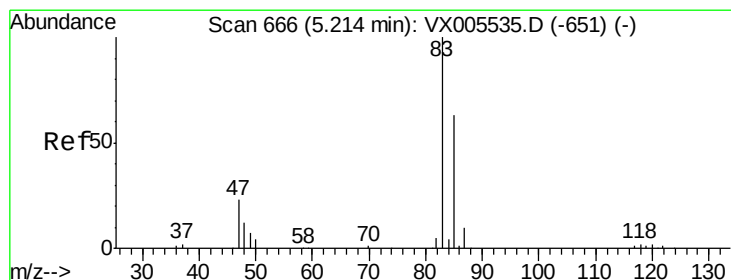
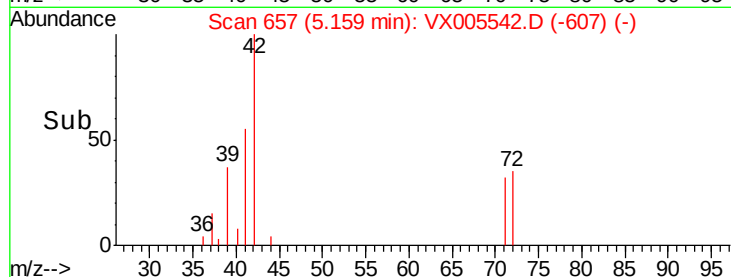
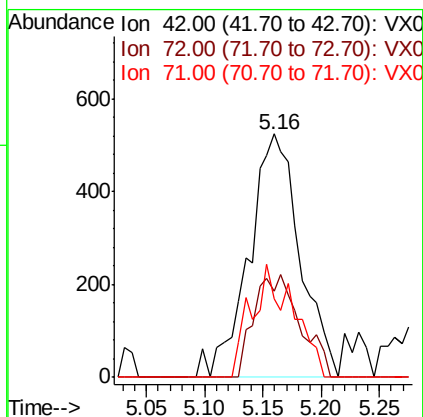
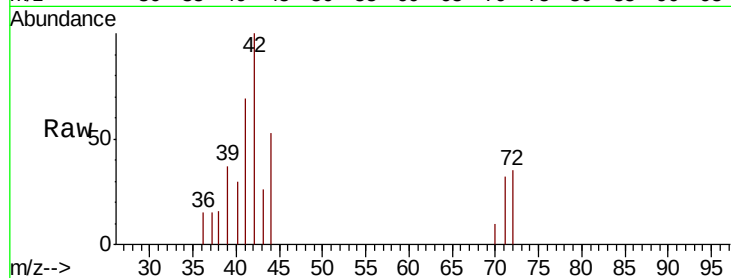




#29
Tetrahydrofuran
Concen: 1.290 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

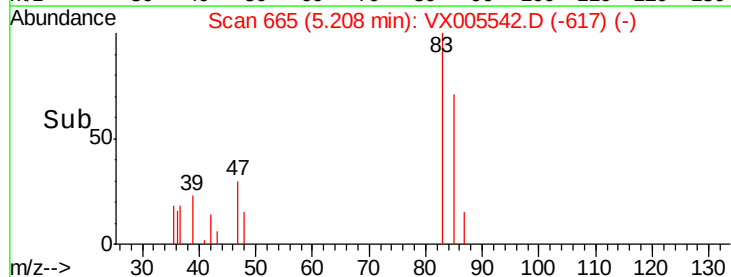
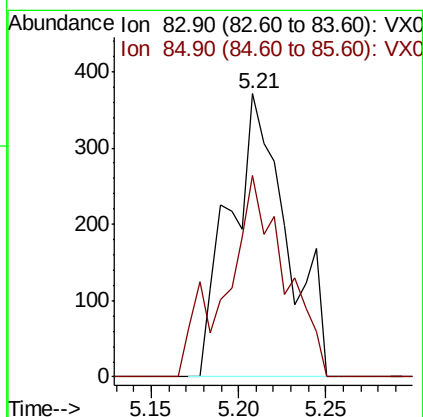
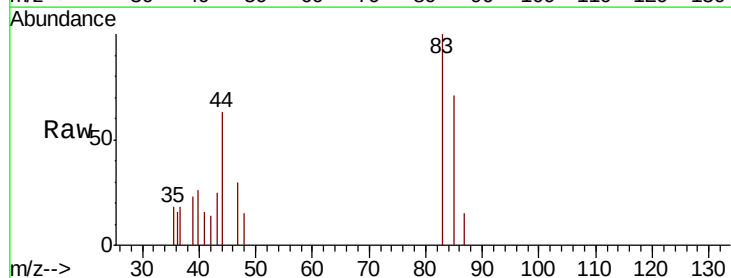
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

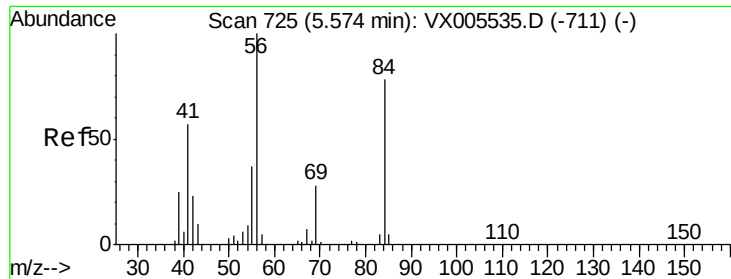
Tot Ion: 42 Resp: 1599
Ion Ratio Lower Upper
42 100
72 38.0 37.4 56.0
71 38.0 34.5 51.7



#30
Chloroform
Concen: 0.233 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 83 Resp: 840
Ion Ratio Lower Upper
83 100
85 71.2 52.6 79.0

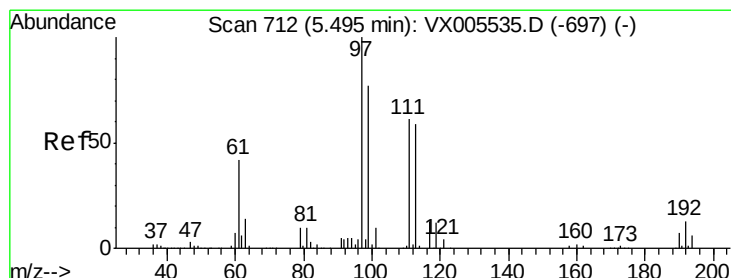
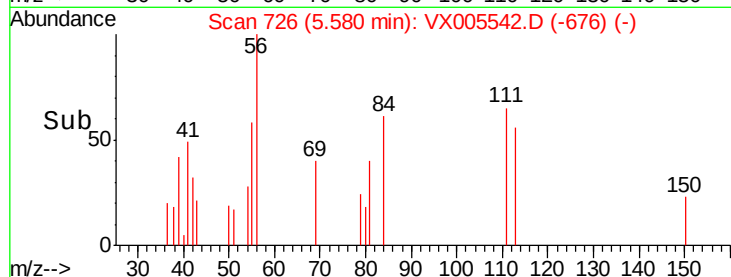
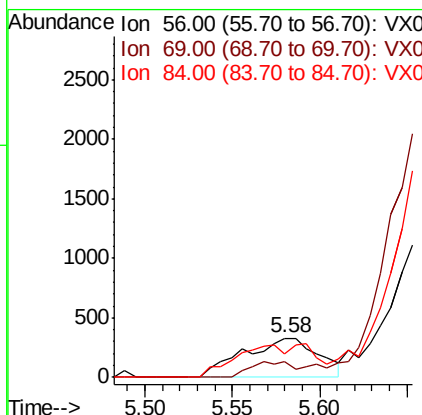
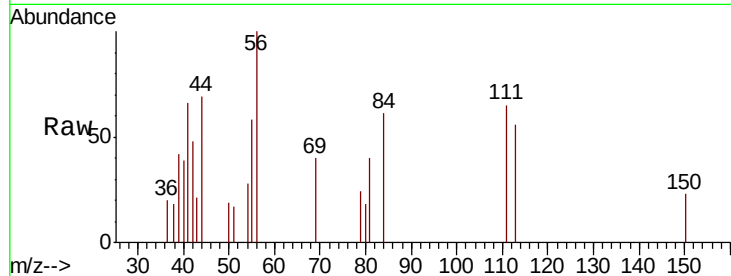




#31
Cyclohexane
Concen: 0.308 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

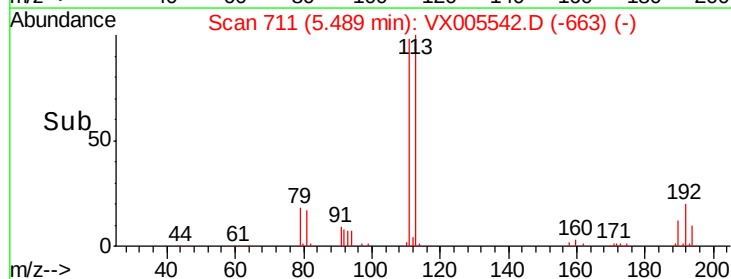
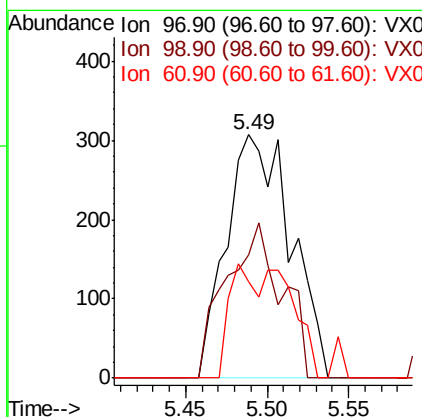
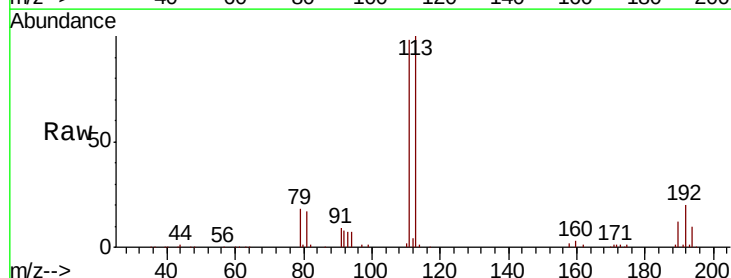
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

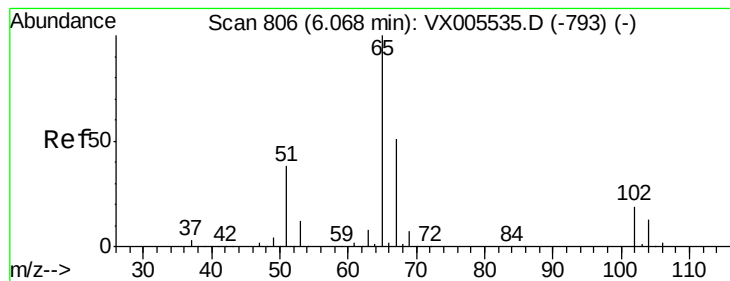
Tot Ion: 56 Resp: 984
Ion Ratio Lower Upper
56 100
69 39.9 25.4 38.2#
84 60.7 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 0.267 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 97 Resp: 849
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 20.3 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

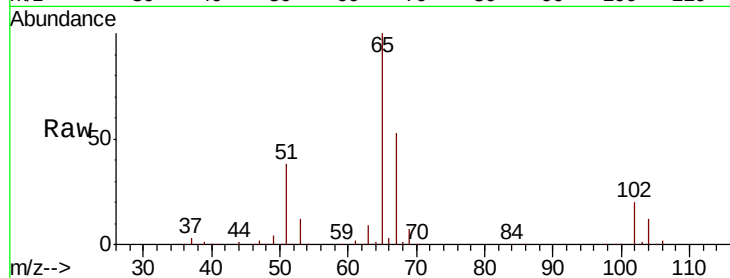
S37-TB-2018-1

Tot Ion: 65 Resp: 121380

Ion Ratio Lower Upper

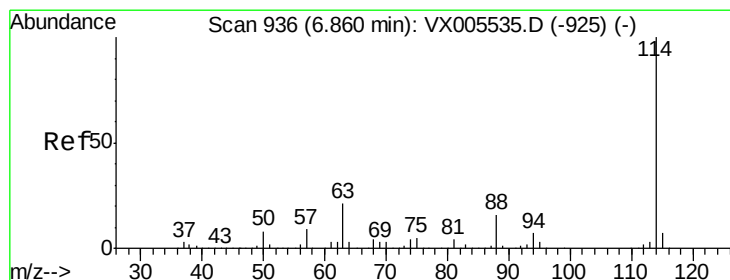
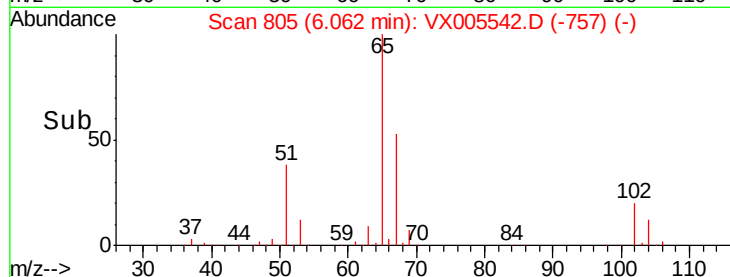
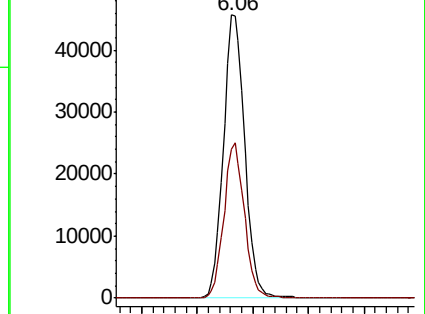
65 100

67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

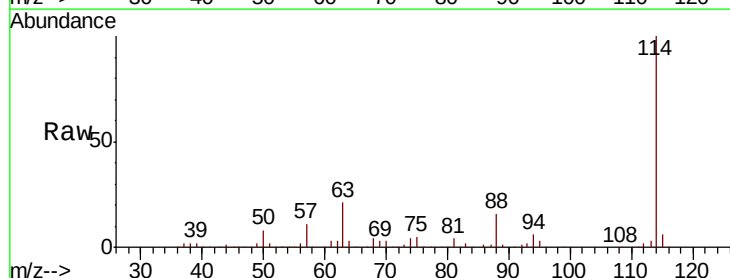
Tgt Ion: 114 Resp: 287451

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

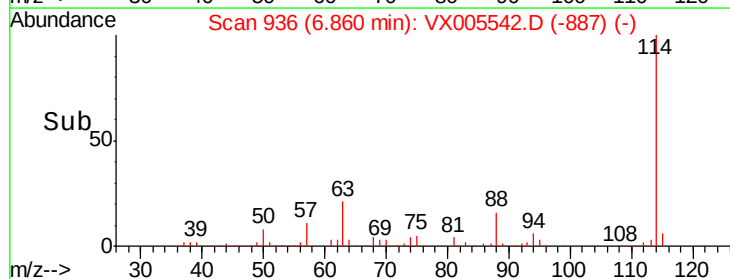
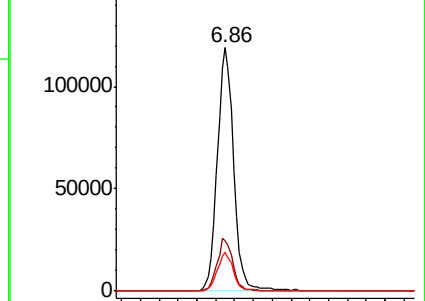
88 16.0 0.0 30.4

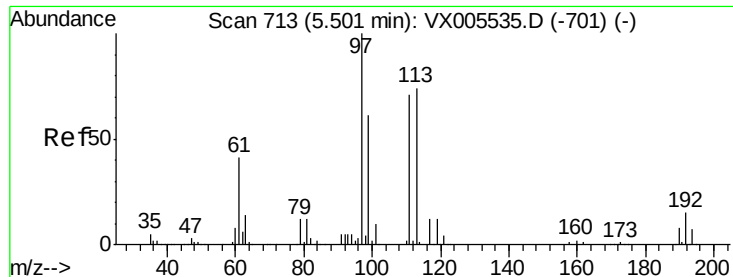


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

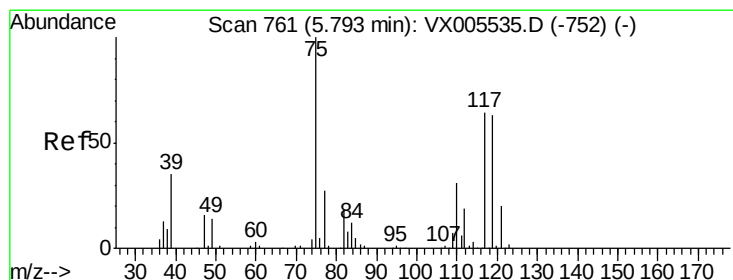
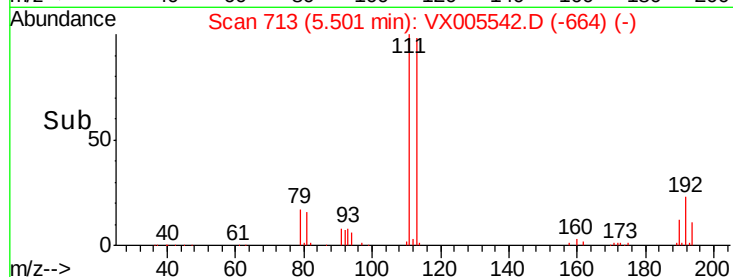
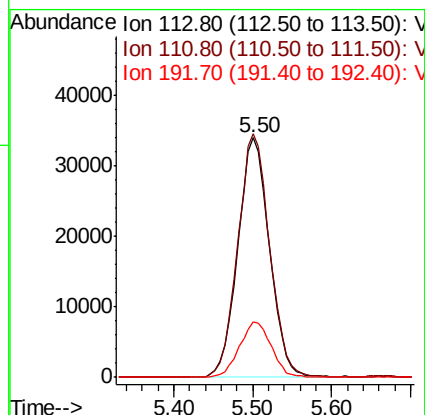
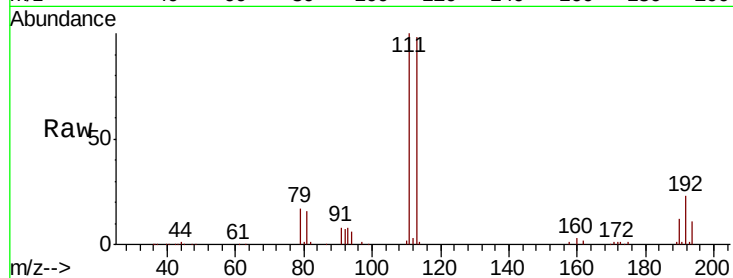




#35
 Dibromofluoromethane
 Concen: 48.741 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

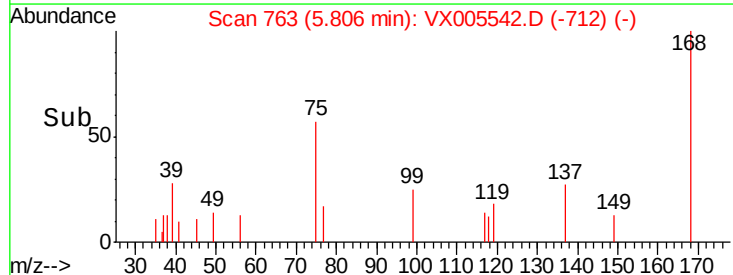
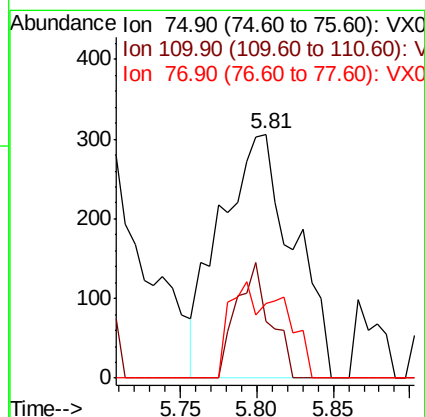
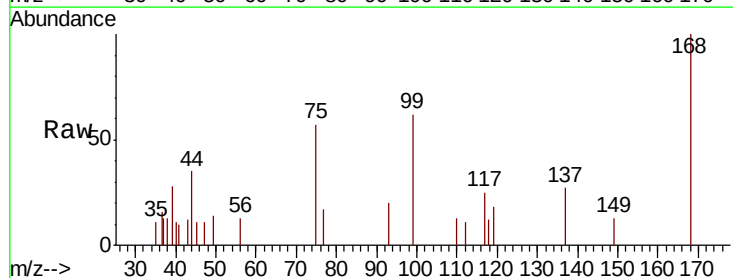
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

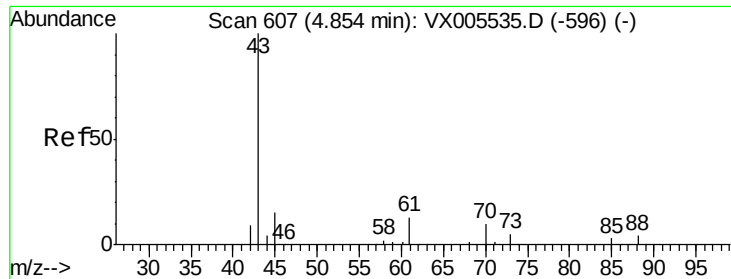
Tot Ion:113 Resp: 94868
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 23.2 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 0.363 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 75 Resp: 1013
 Ion Ratio Lower Upper
 75 100
 110 21.8 18.0 54.0
 77 14.4 24.6 36.8#

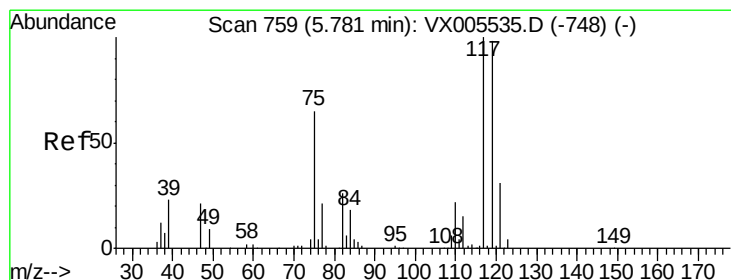
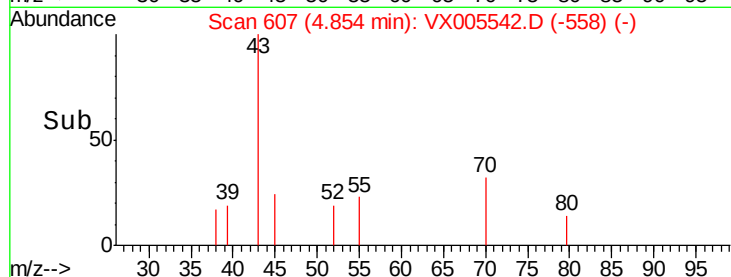
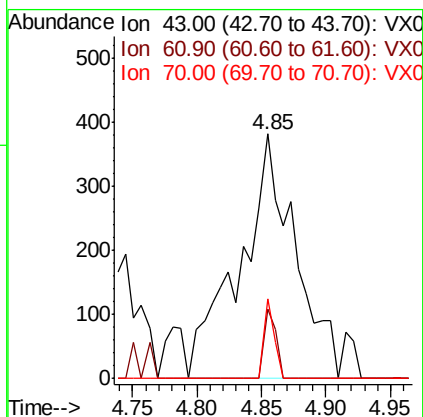
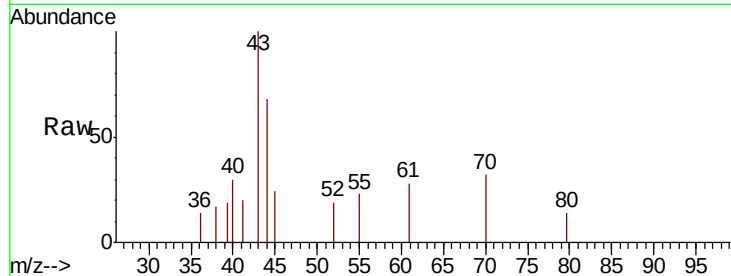




#37
Ethyl Acetate
Concen: 0.318 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

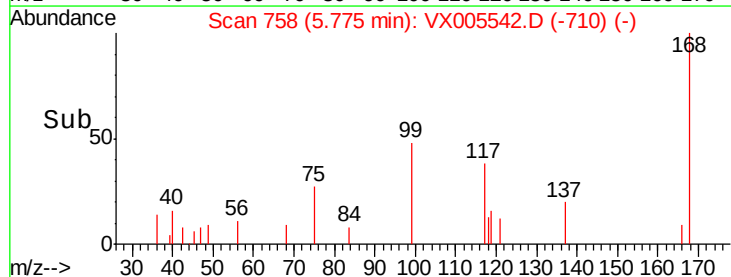
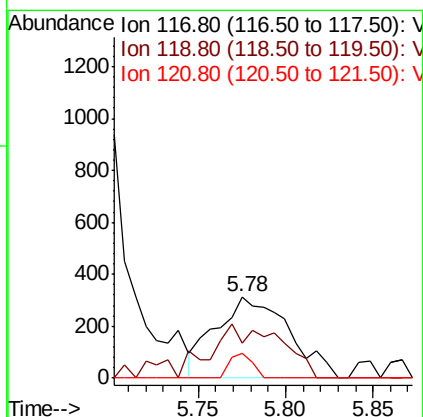
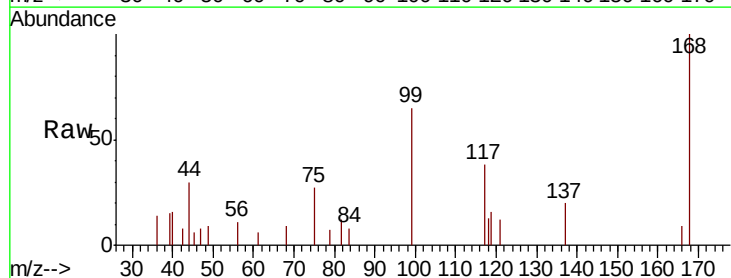
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

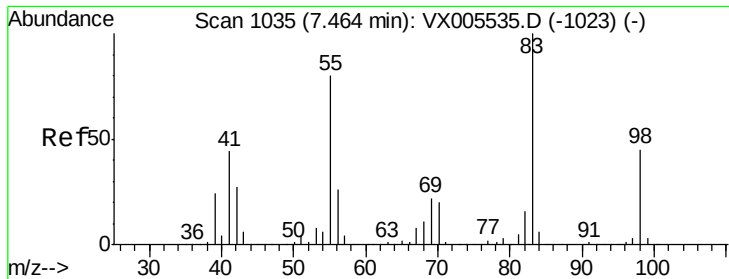
Tot Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
61 5.9 11.5 17.3#
70 5.7 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 0.310 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 117 Resp: 912
Ion Ratio Lower Upper
117 100
119 42.7 78.8 118.2#
121 30.3 24.9 37.3

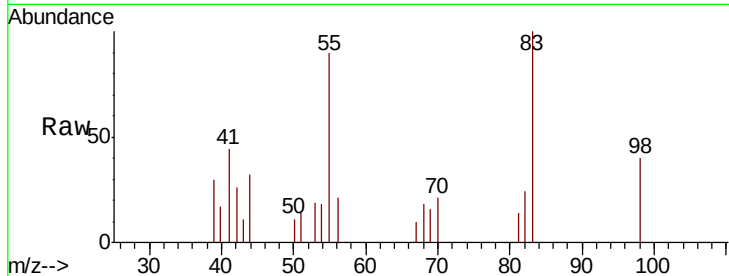




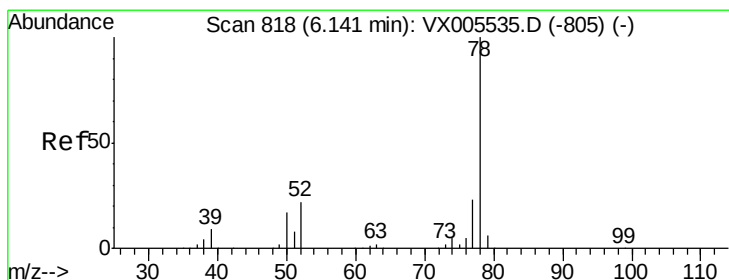
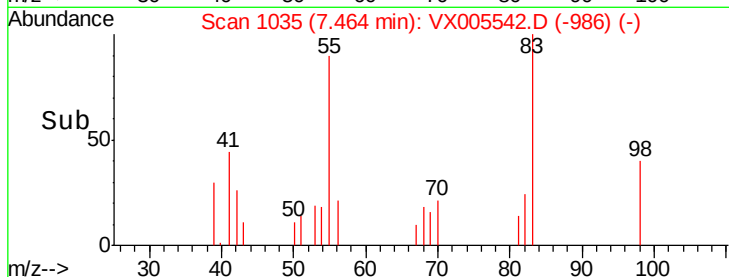
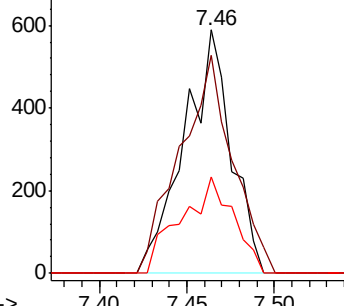
#39
Methylvlcyclohexane
Concen: 0.361 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tot Ion: 83 Resp: 1111
Ion Ratio Lower Upper
83 100
55 89.6 61.0 91.4
98 39.6 39.6 59.4#

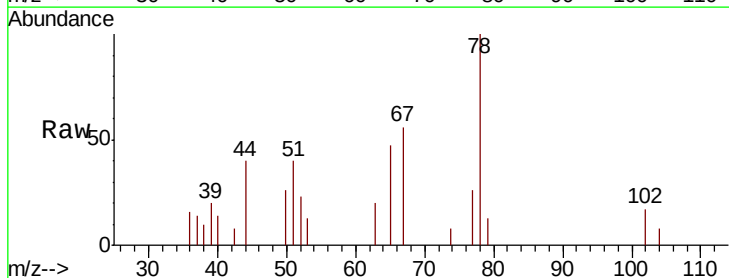


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

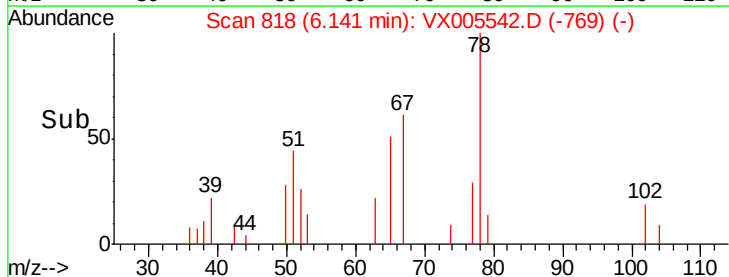
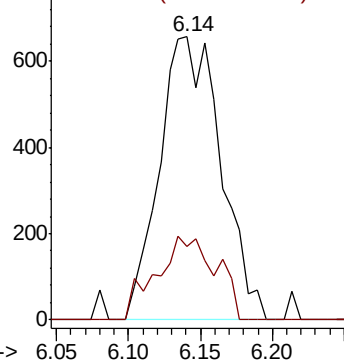


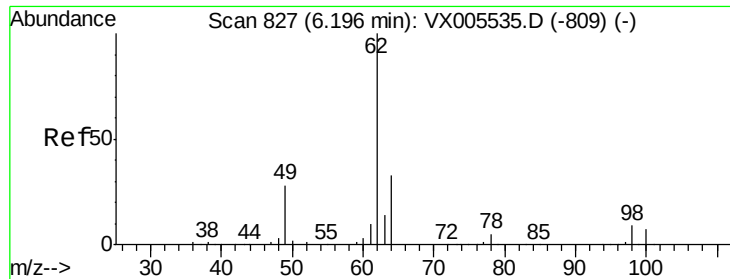
#40
Benzene
Concen: 0.244 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 78 Resp: 1955
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.279 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

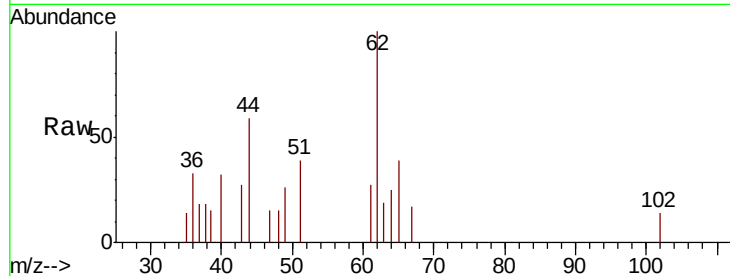
S37-TB-2018-1

Tot Ion: 62 Resp: 849

Ion Ratio Lower Upper

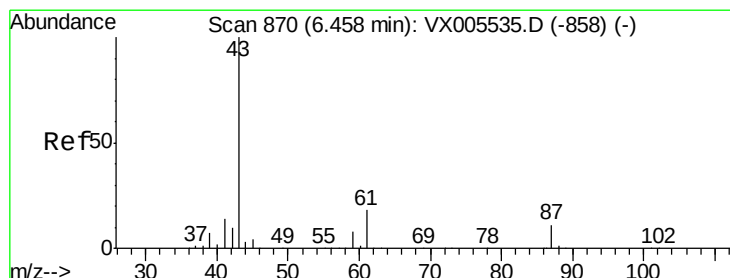
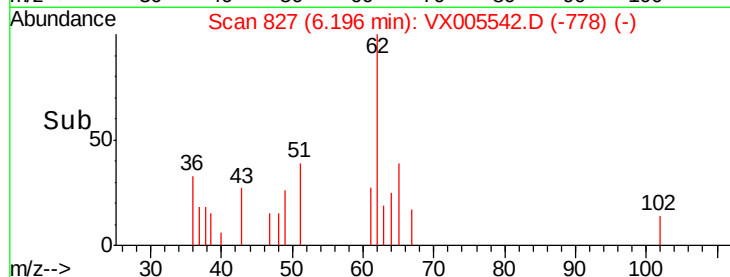
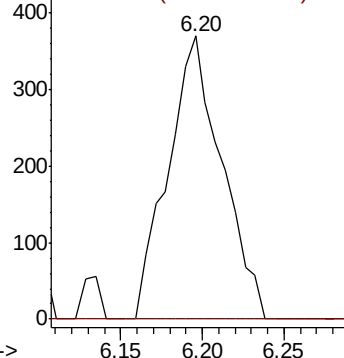
62 100

98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.242 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

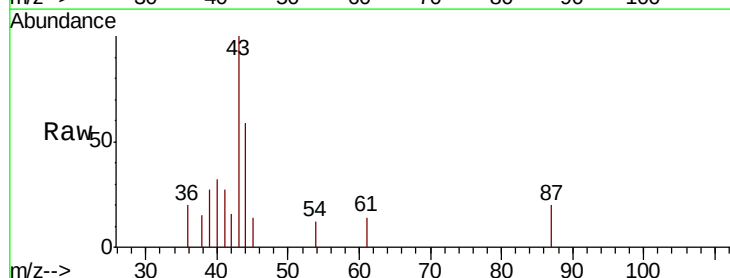
Tgt Ion: 43 Resp: 1290

Ion Ratio Lower Upper

43 100

61 19.1 17.0 25.4

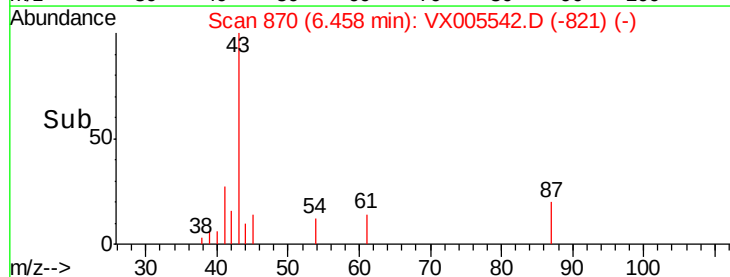
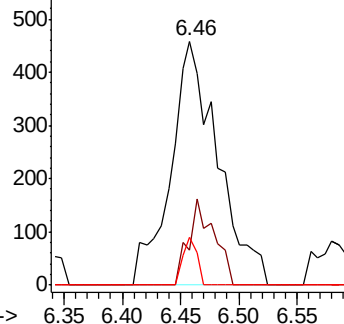
87 5.9 11.4 17.2#

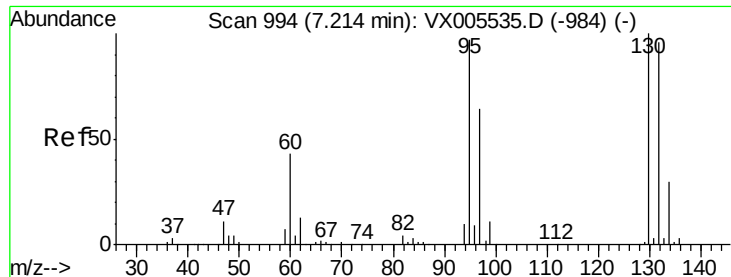


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

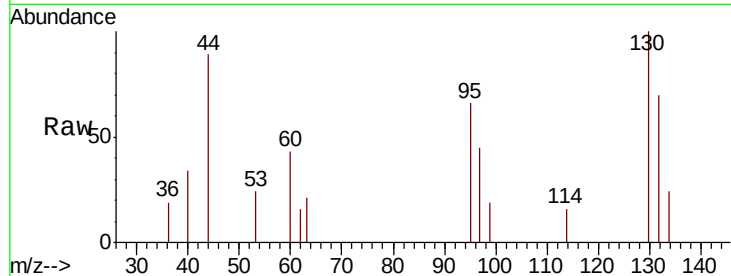




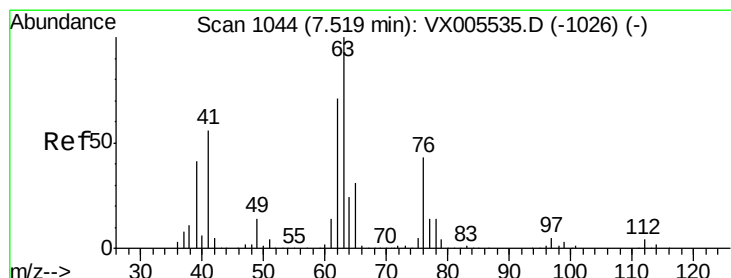
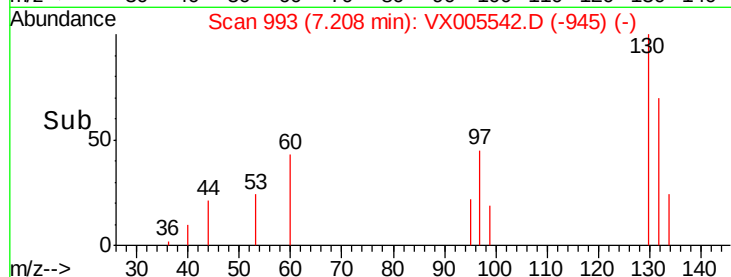
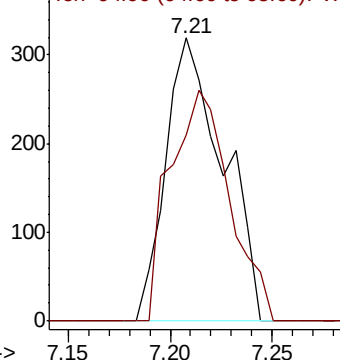
#44
 Trichloroethene
 Concen: 0.286 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

Tot Ion:130 Resp: 624
 Ion Ratio Lower Upper
 130 100
 95 65.8 0.0 181.6

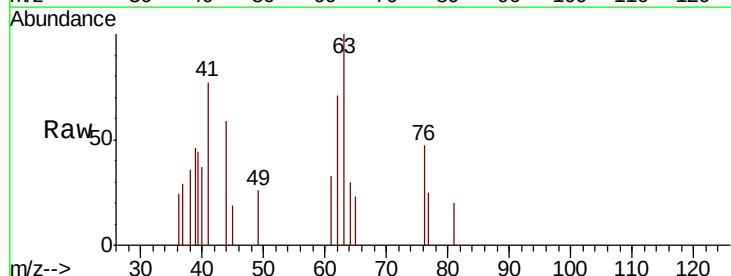


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

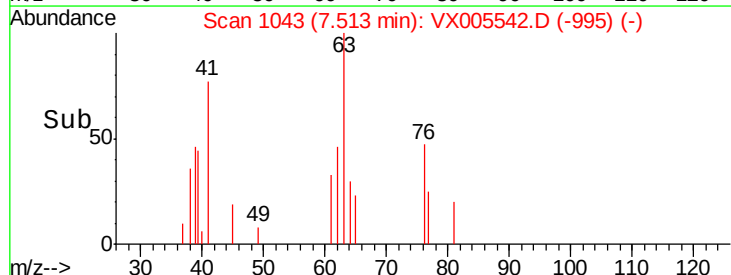
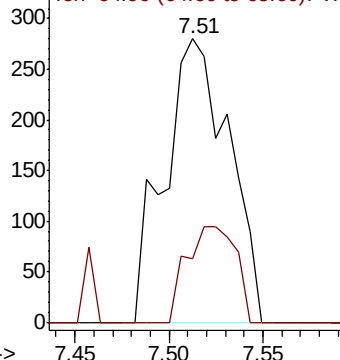


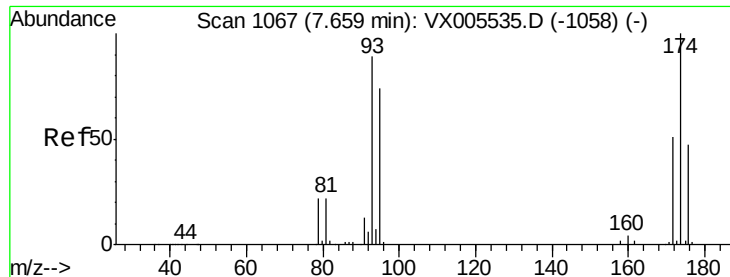
#45
 1,2-Dichloropropane
 Concen: 0.309 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 63 Resp: 665
 Ion Ratio Lower Upper
 63 100
 65 22.5 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.320 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

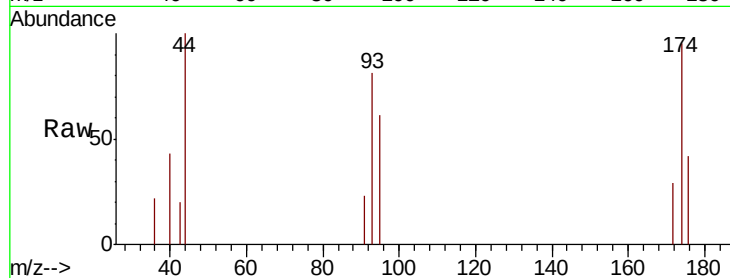
Tot Ion: 93 Resp: 444

Ion Ratio Lower Upper

93 100

95 75.2 65.5 98.3

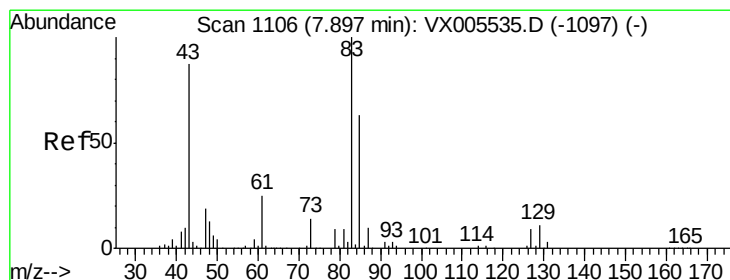
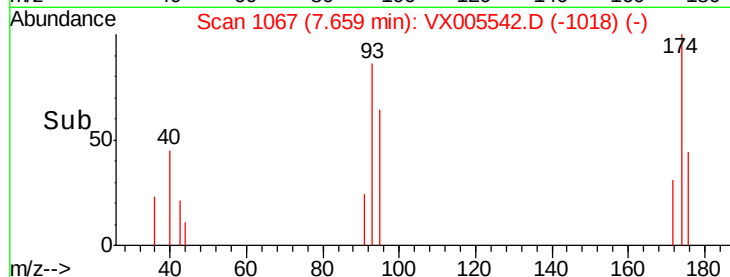
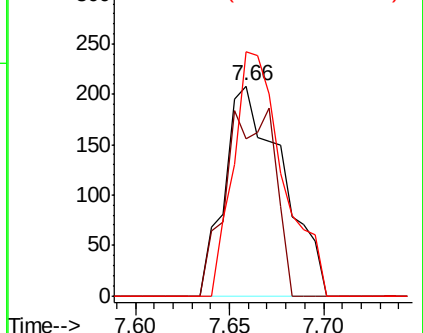
174 100.0 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.247 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

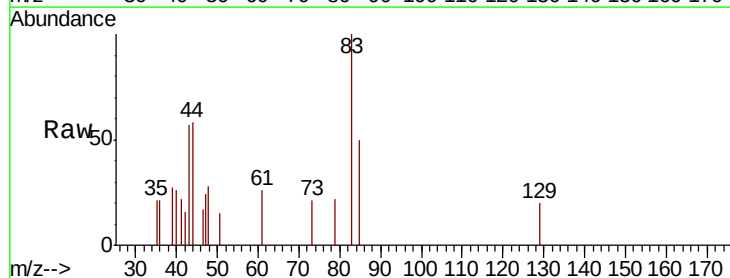
Tgt Ion: 83 Resp: 665

Ion Ratio Lower Upper

83 100

85 50.3 50.9 76.3#

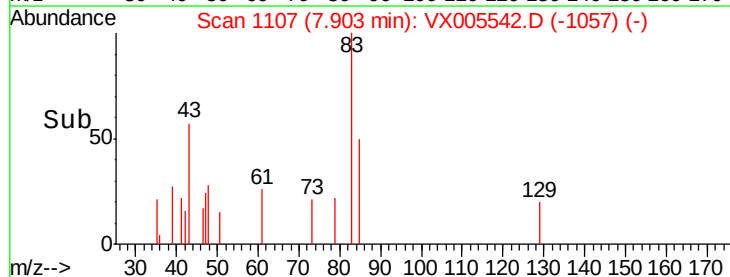
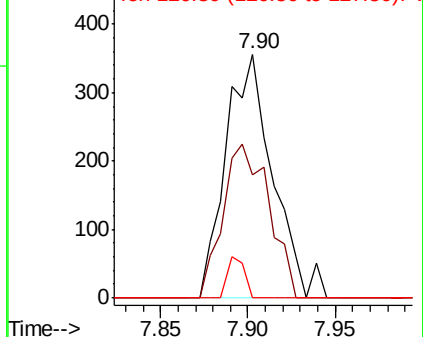
127 0.0 7.3 10.9#

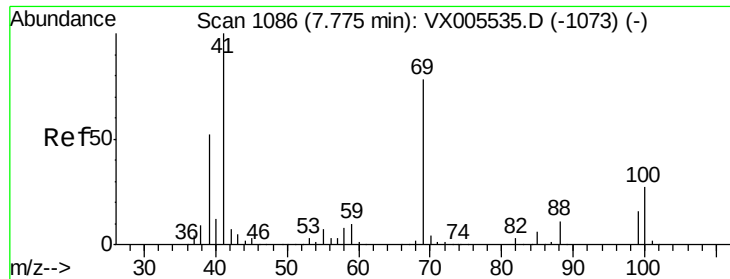


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

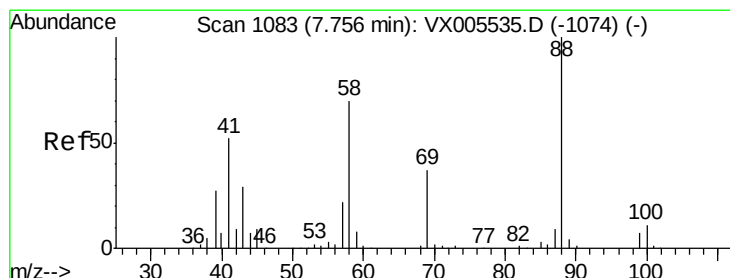
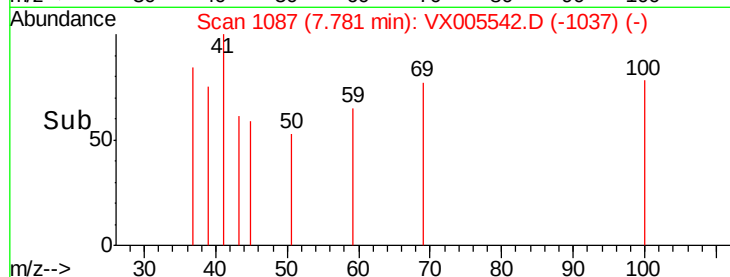
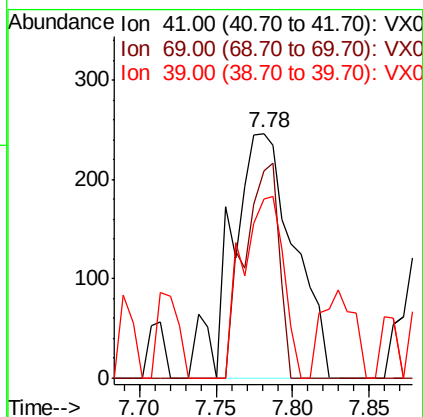
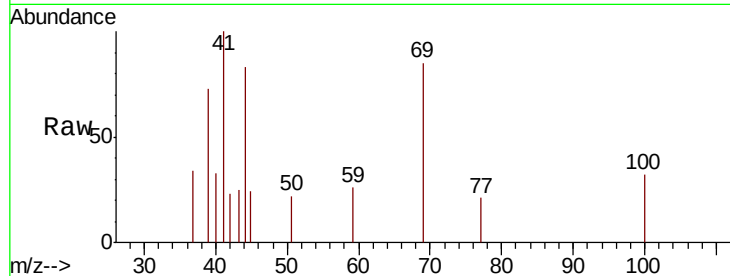




#48
Methyl methacrylate
Concen: 0.269 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

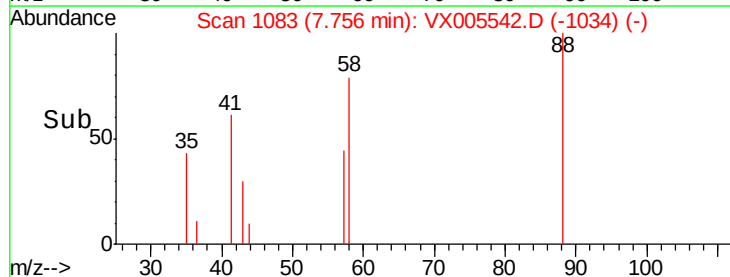
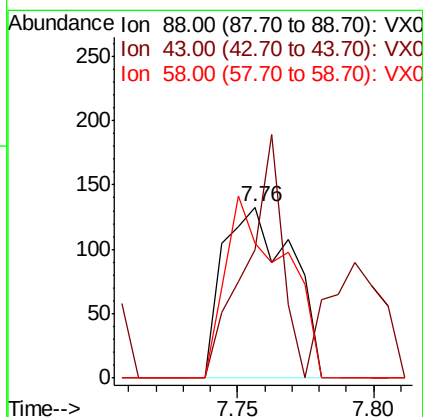
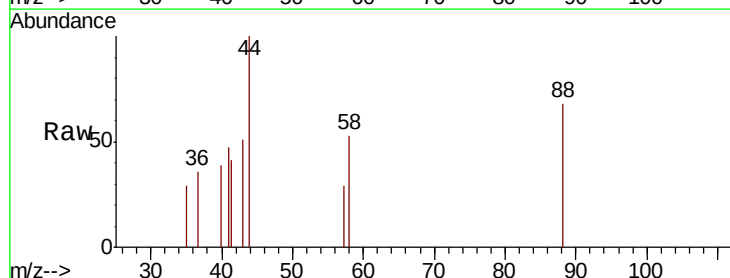
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

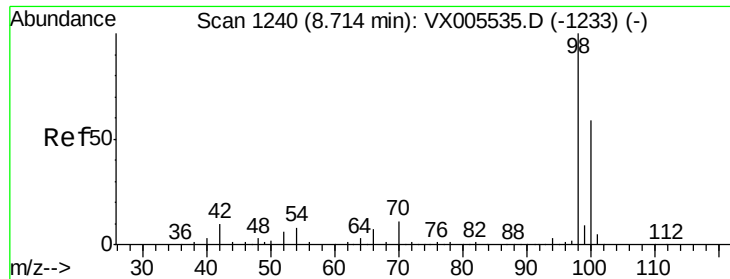
Tot Ion: 41 Resp: 699
Ion Ratio Lower Upper
41 100
69 48.8 70.2 105.4#
39 49.1 42.7 64.1



#49
1,4-Dioxane
Concen: 4.085 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 74.6 24.7 37.1#
58 90.9 55.3 82.9#





#50

Toluene-d8

Concen: 49.503 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

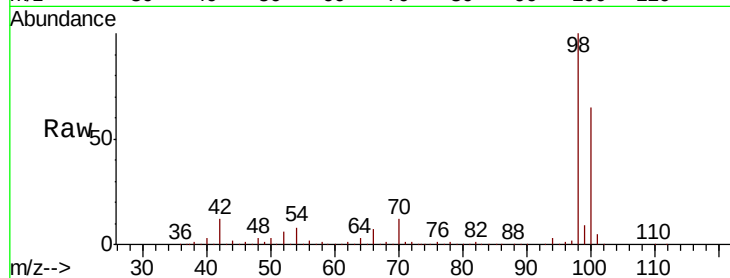
S37-TB-2018-1

Tot Ion: 98 Resp: 346214

Ion Ratio Lower Upper

98 100

100 62.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

250000

200000

150000

100000

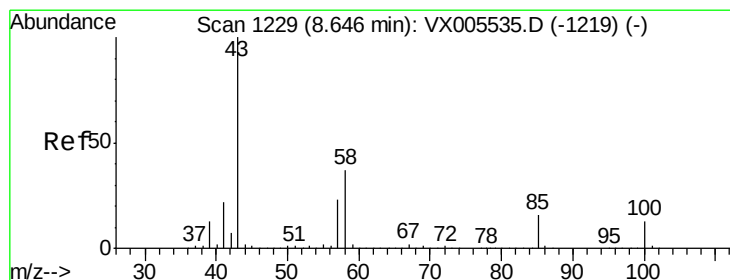
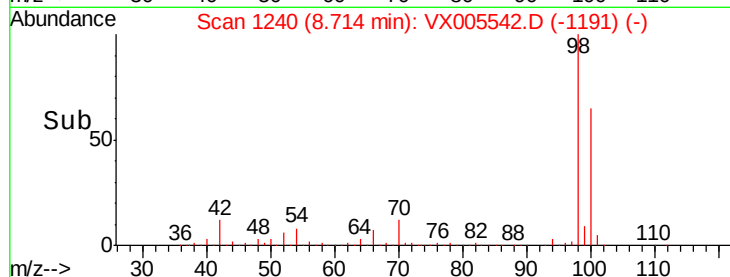
50000

0

8.60 8.70 8.80 8.90

8.71

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.927 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005542.D

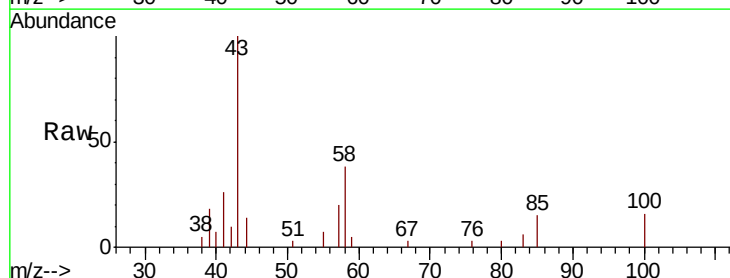
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 3322

Ion Ratio Lower Upper

43 100

58 36.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

1000

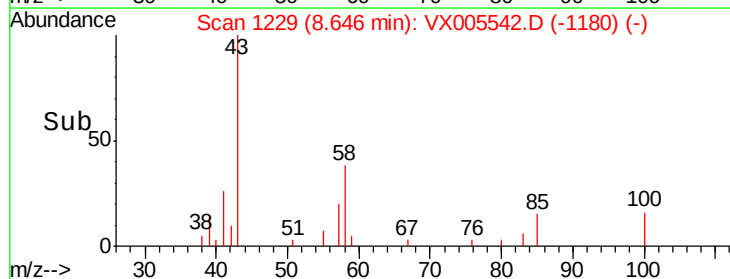
500

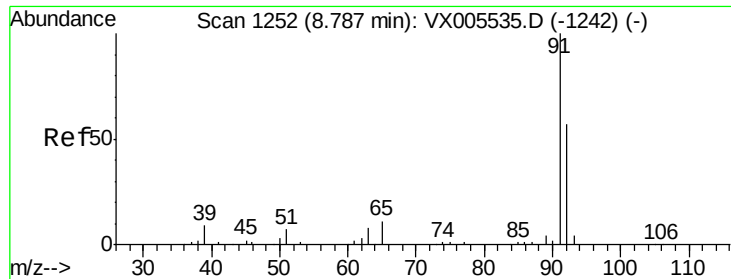
0

8.60 8.65 8.70

8.65

Time-->





#52

Toluene

Concen: 0.258 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

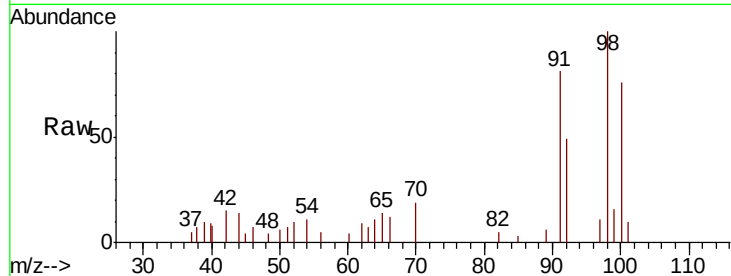
S37-TB-2018-1

Tot Ion: 92 Resp: 1255

Ion Ratio Lower Upper

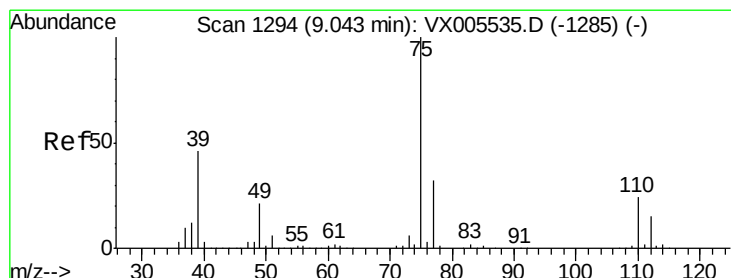
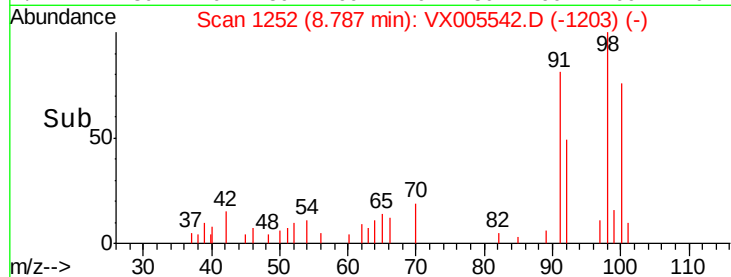
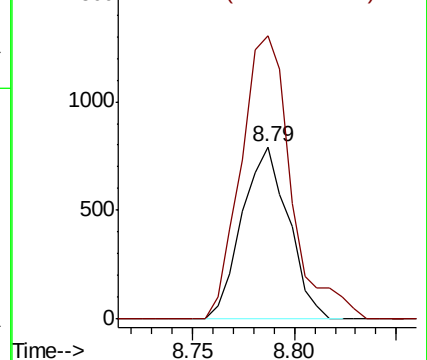
92 100

91 178.2 136.4 204.6



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: 0.248 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005542.D

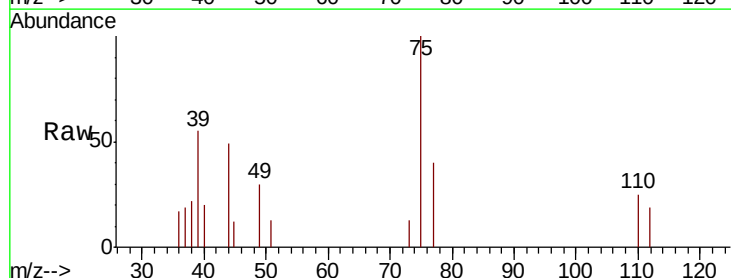
Acq: 24 Oct 2018 15:39

Tgt Ion: 75 Resp: 721

Ion Ratio Lower Upper

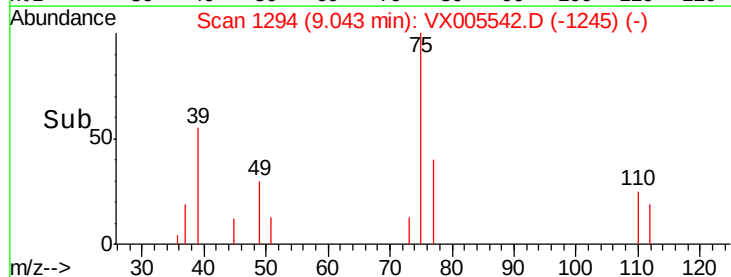
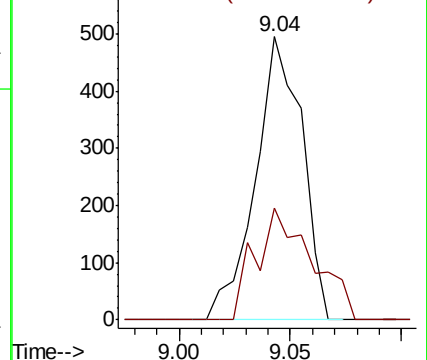
75 100

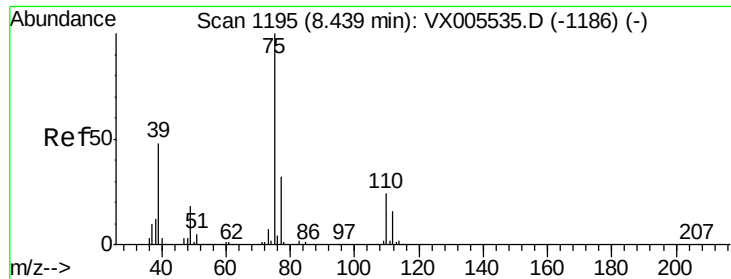
77 39.6 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

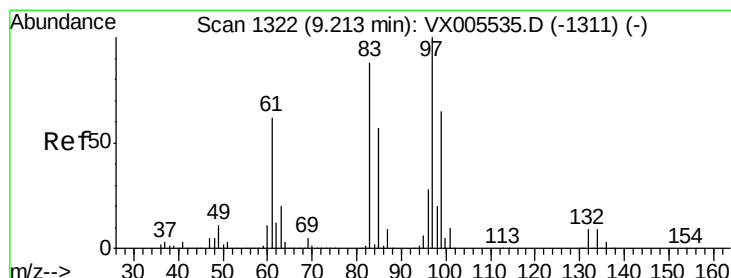
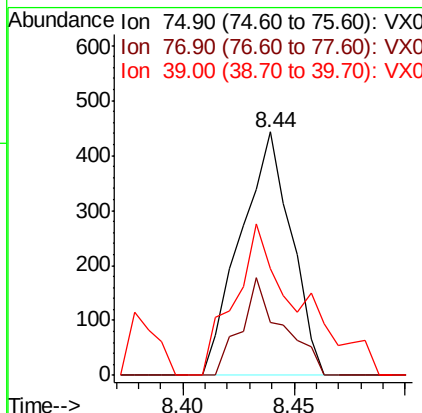
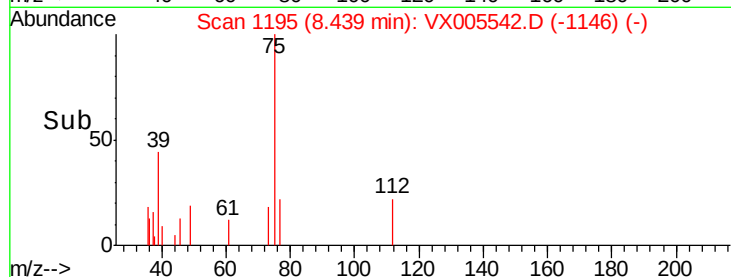
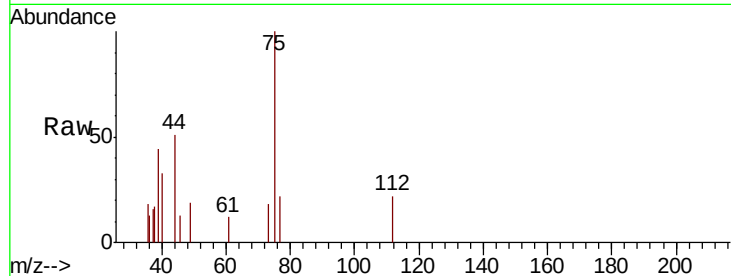




#54
 cis-1,3-Dichloropropene
 Concen: 0.224 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

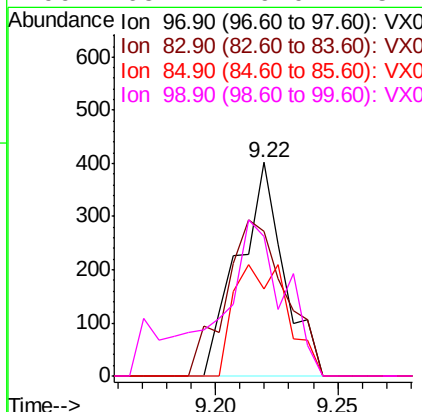
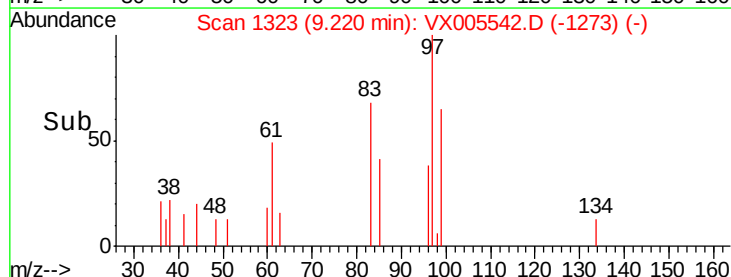
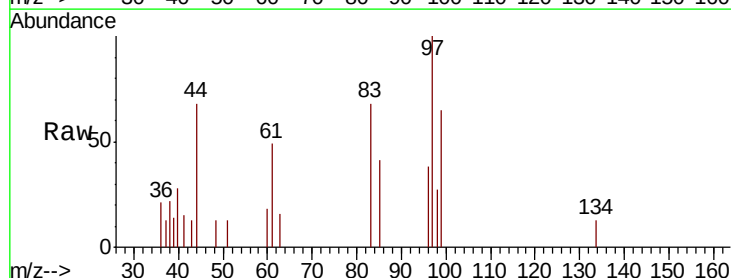
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

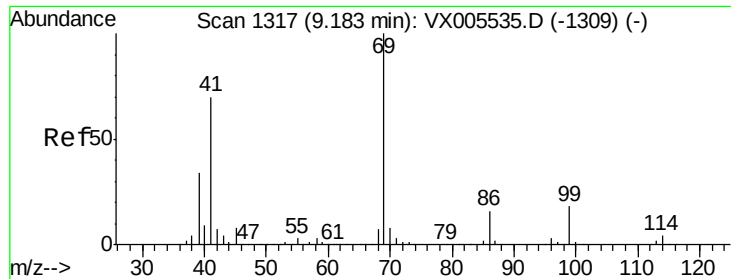
Tot Ion	Ratio	Lower	Upper
75	100		
77	21.9	26.2	39.2#
39	43.8	36.4	54.6



#55
 1,1,2-Trichloroethane
 Concen: 0.256 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	67.9	66.4	99.6
85	40.5	43.3	64.9#
99	65.4	49.0	73.4





#56

Ethyl methacrylate

Concen: 0.208 ug/l

RT: 9.19 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

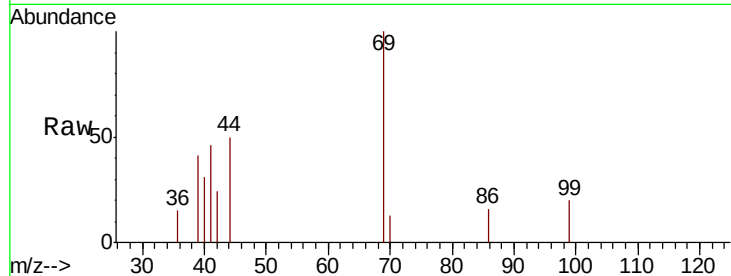
Tot Ion: 69 Resp: 635

Ion Ratio Lower Upper

69 100

41 104.7 51.0 76.4#

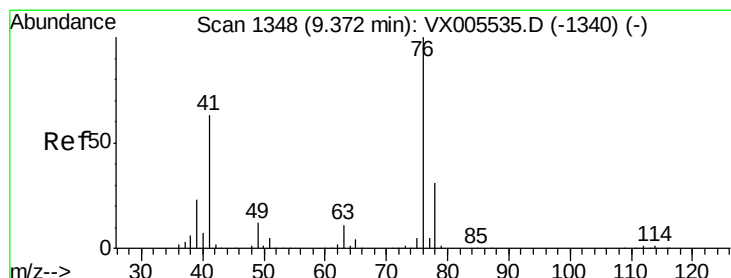
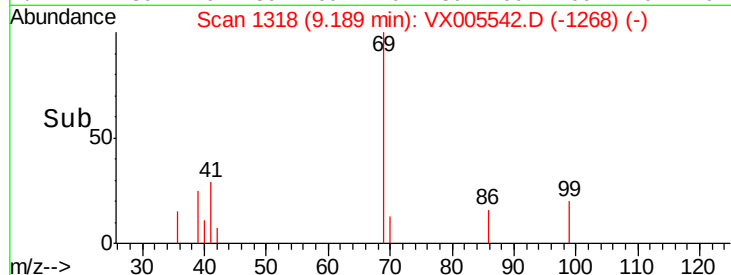
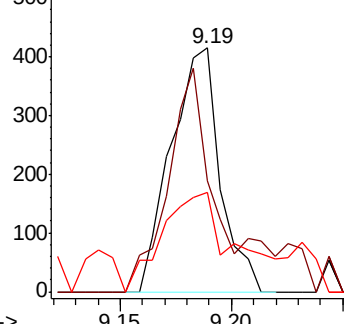
39 60.0 26.1 39.1#



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: 0.230 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005542.D

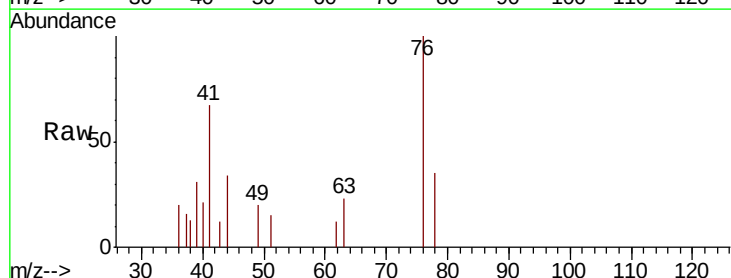
Acq: 24 Oct 2018 15:39

Tgt Ion: 76 Resp: 797

Ion Ratio Lower Upper

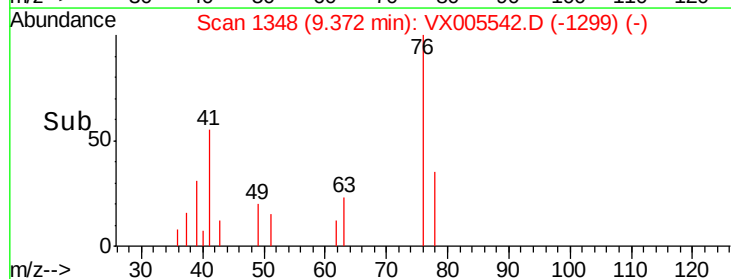
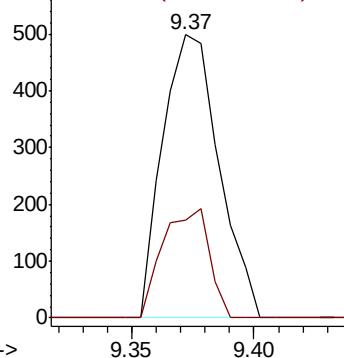
76 100

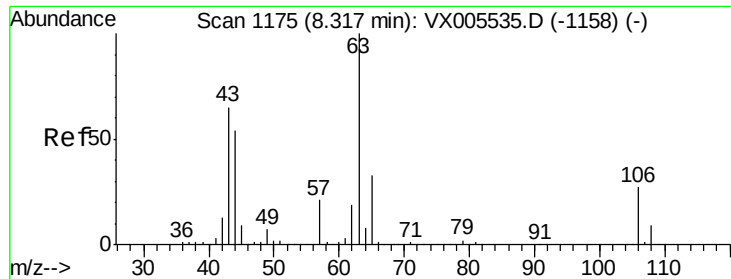
78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

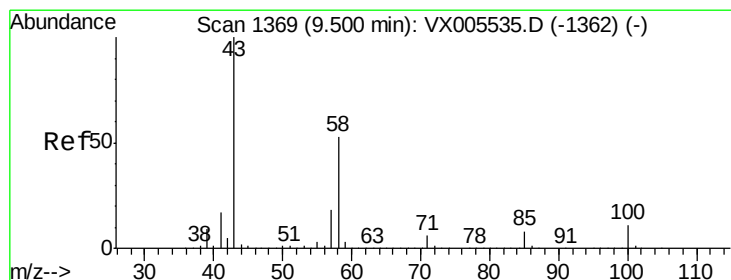
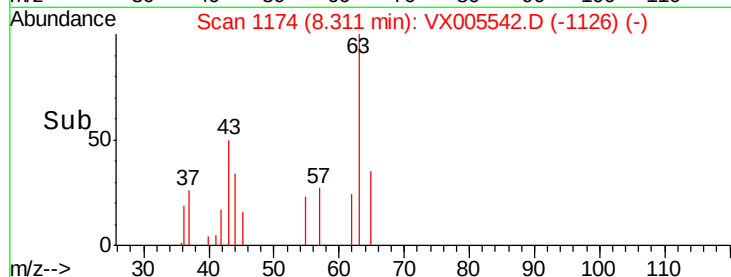
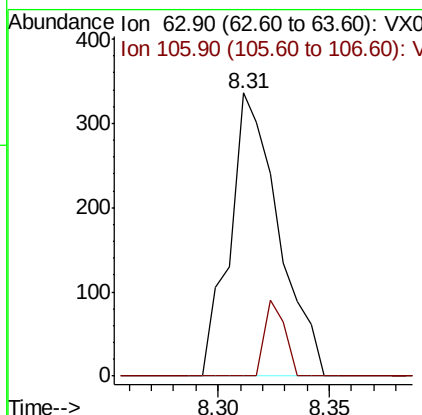
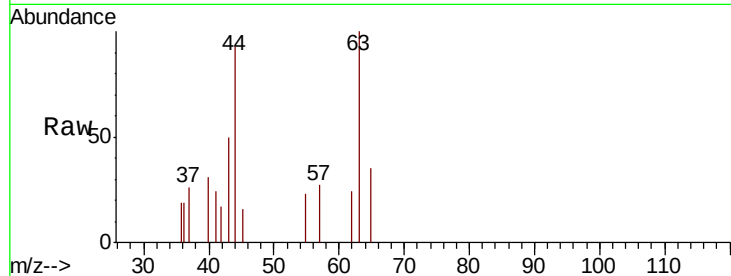




#58
2-Chloroethyl Vinyl ether
Concen: 0.300 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

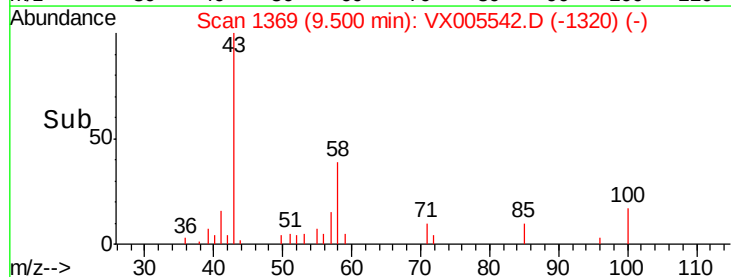
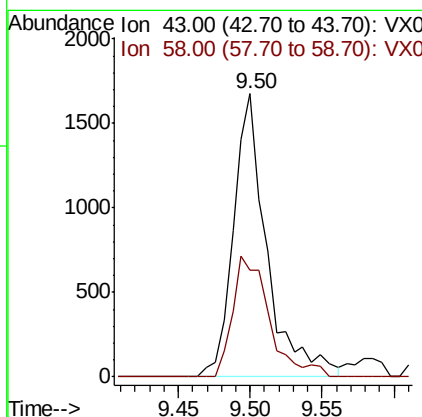
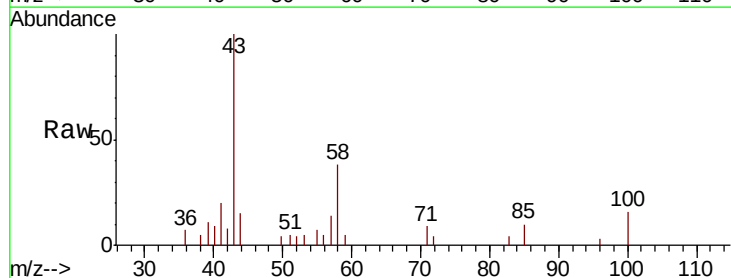
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

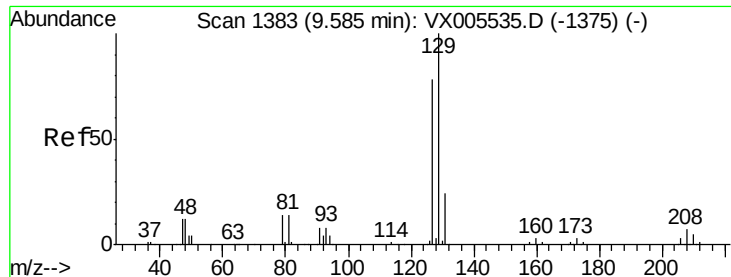
Tot Ion: 63 Resp: 512
Ion Ratio Lower Upper
63 100
106 11.1 23.9 35.9#



#59
2-Hexanone
Concen: 0.961 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
58 46.6 29.0 87.0





#60

Dibromochloromethane

Concen: 0.231 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

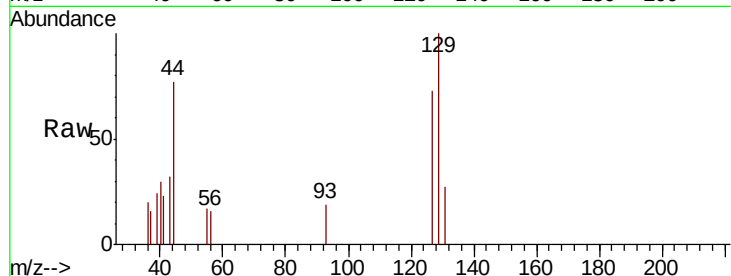
S37-TB-2018-1

Tot Ion:129 Resp: 493

Ion Ratio Lower Upper

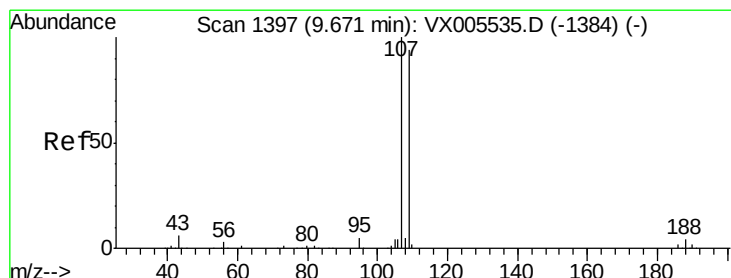
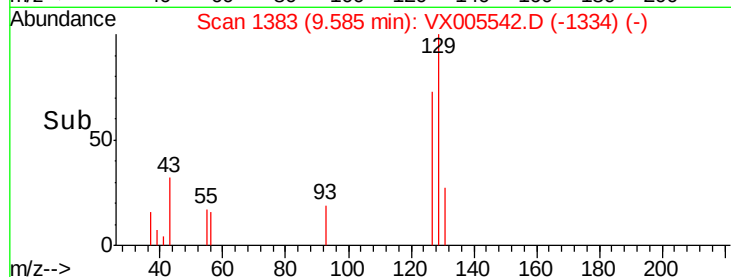
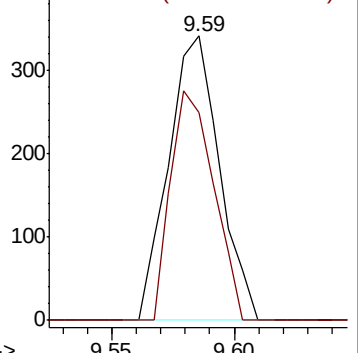
129 100

127 68.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.242 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005542.D

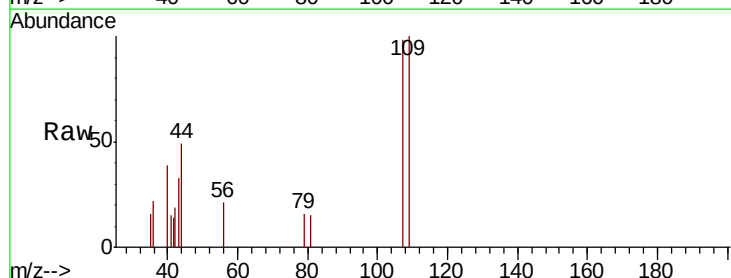
Acq: 24 Oct 2018 15:39

Tgt Ion:107 Resp: 514

Ion Ratio Lower Upper

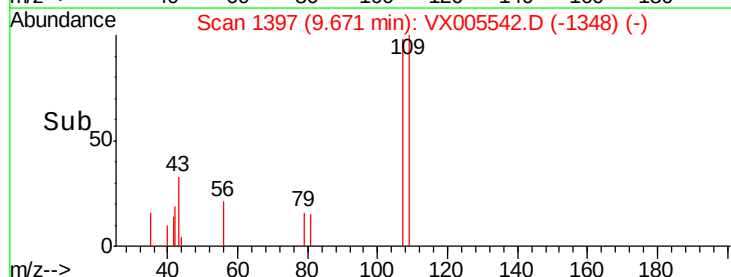
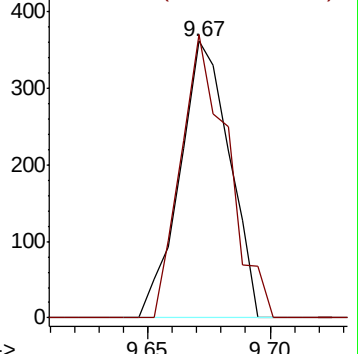
107 100

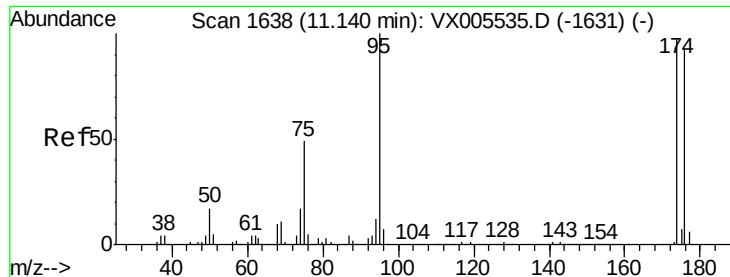
109 96.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 42.882 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

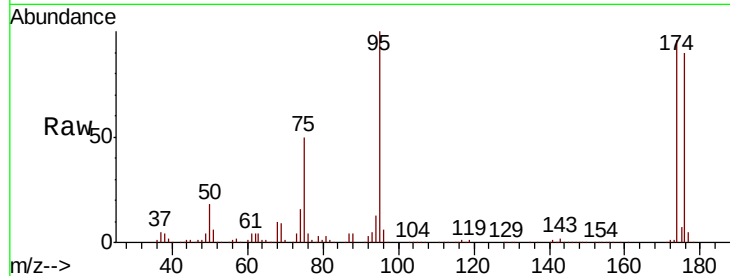
Tot Ion: 95 Resp: 113257

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

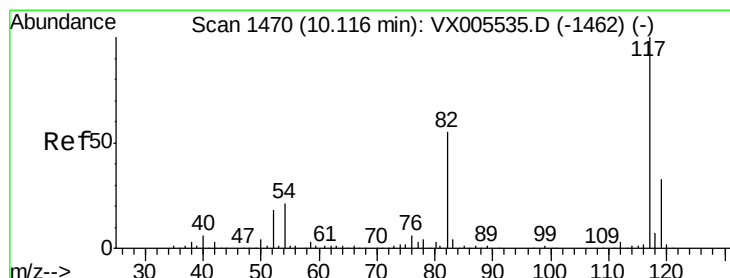
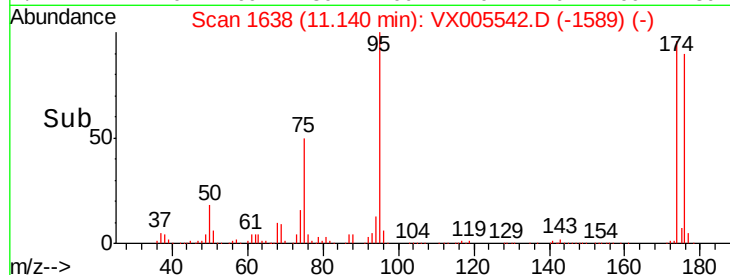
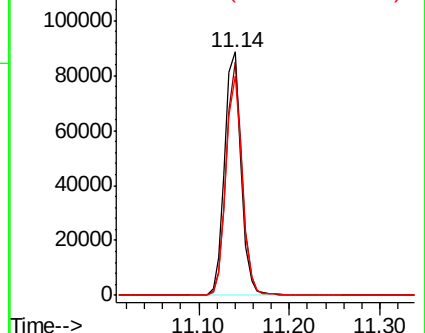
176 88.7 0.0 178.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

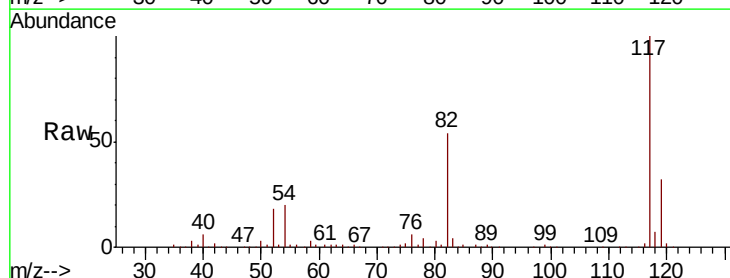
Tgt Ion: 117 Resp: 256728

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.6

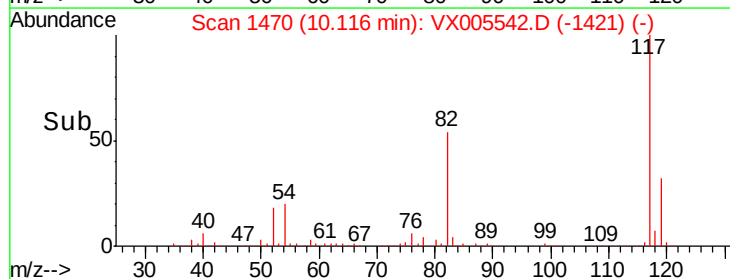
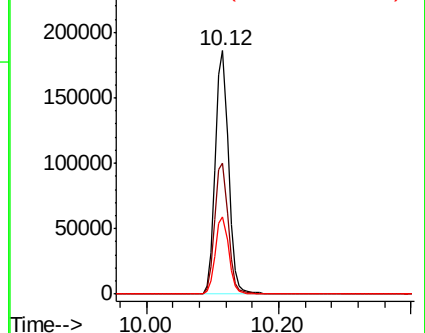
119 31.8 29.3 43.9

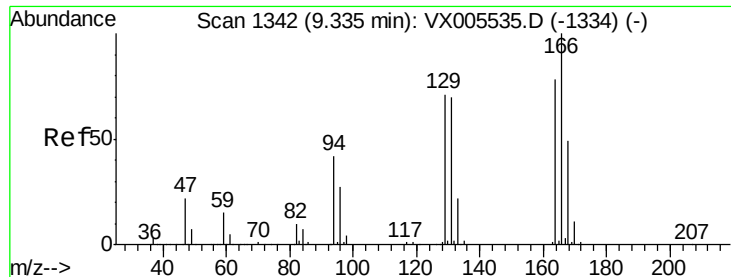


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

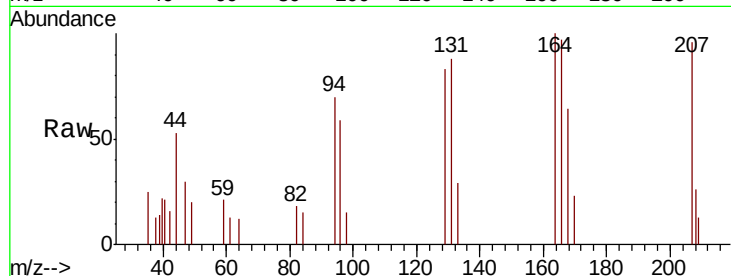




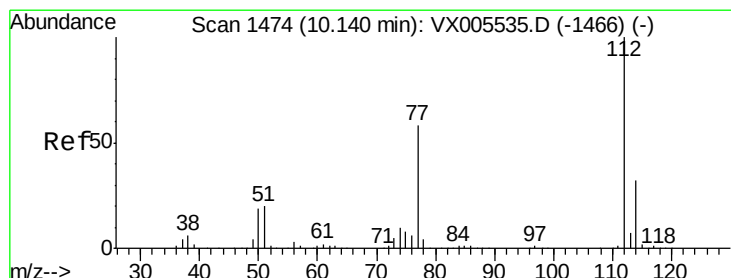
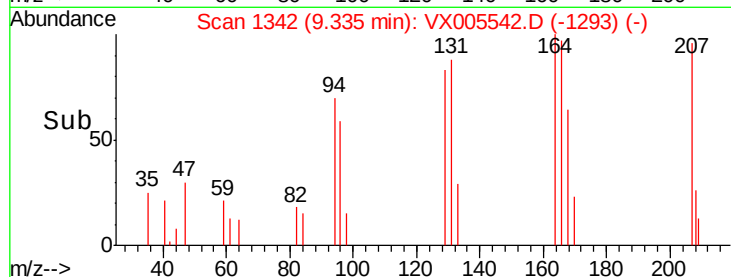
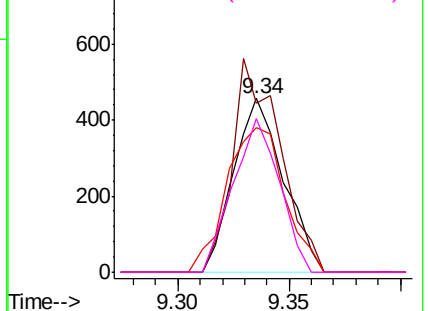
#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tot Ion:164 Resp: 712
Ion Ratio Lower Upper
164 100
166 97.2 102.8 154.2#
129 82.9 69.4 104.0
131 88.2 67.9 101.9

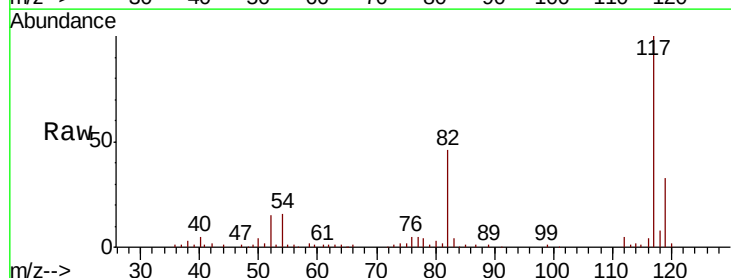


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

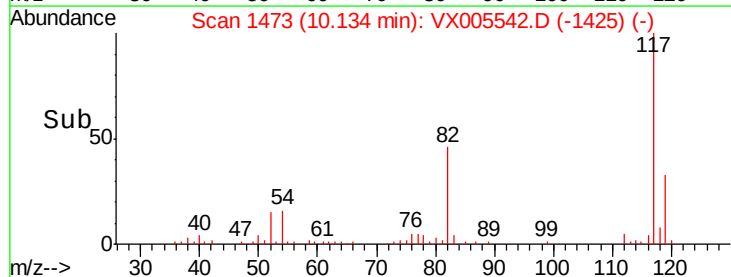
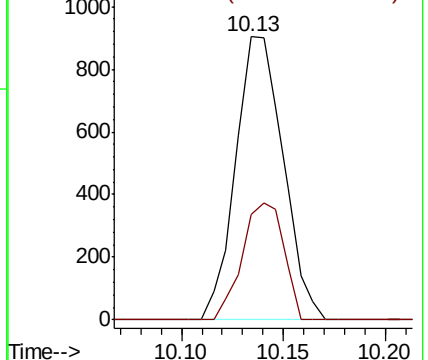


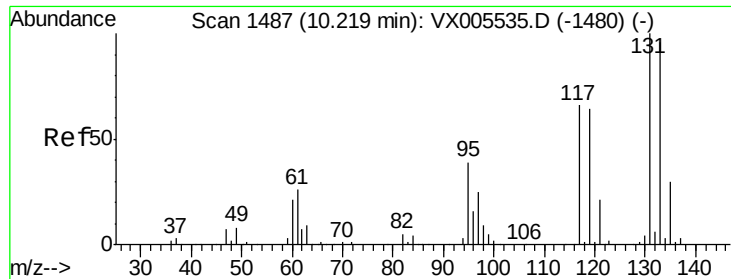
#65
Chlorobenzene
Concen: 0.268 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:112 Resp: 1467
Ion Ratio Lower Upper
112 100
114 37.1 27.8 41.8



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





#66

1,1,1,2-Tetrachloroethane

Concen: 0.232 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

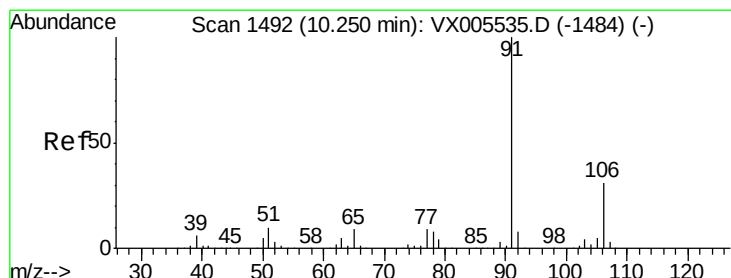
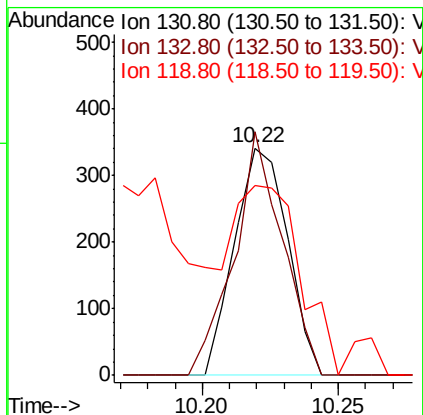
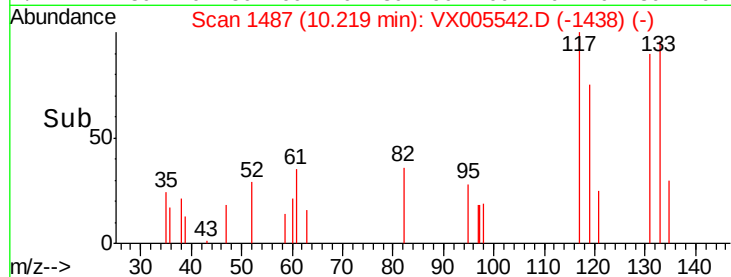
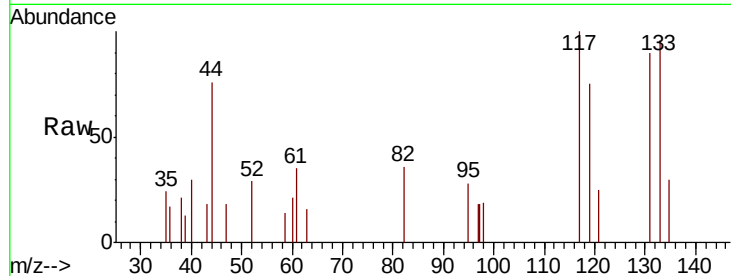
Tot Ion:131 Resp: 462

Ion Ratio Lower Upper

131 100

133 97.6 48.1 144.4

119 0.0 32.9 98.6#



#67

Ethyl Benzene

Concen: 0.229 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005542.D

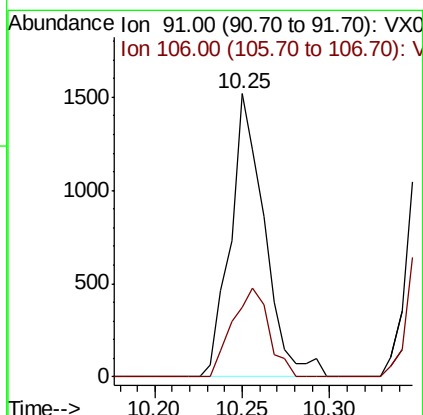
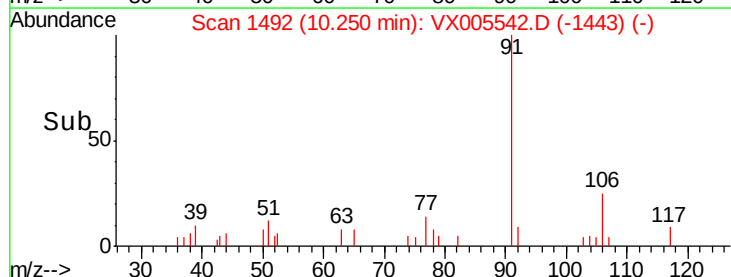
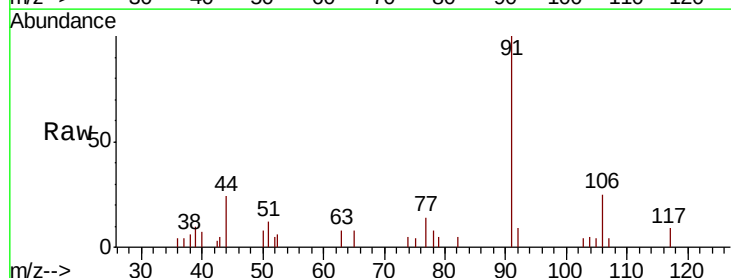
Acq: 24 Oct 2018 15:39

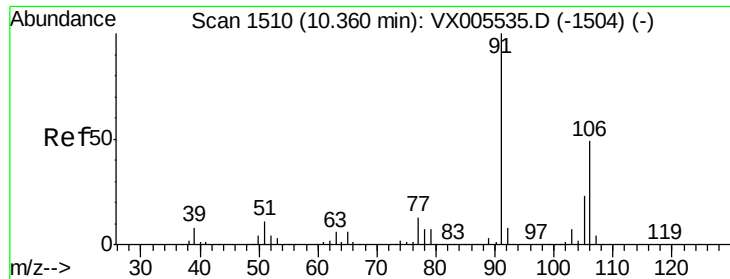
Tgt Ion: 91 Resp: 2062

Ion Ratio Lower Upper

91 100

106 24.6 25.9 38.9#

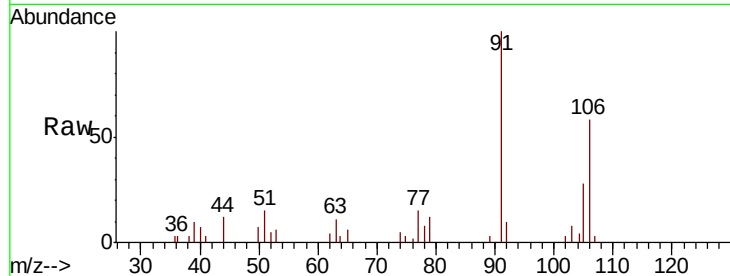




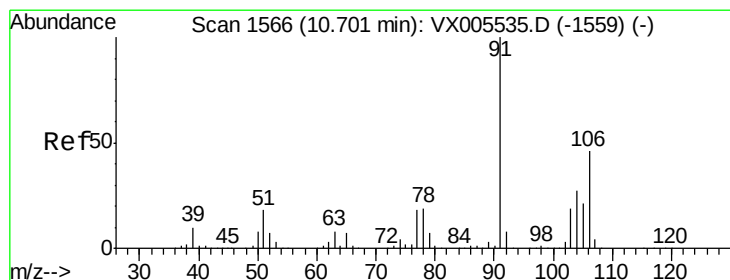
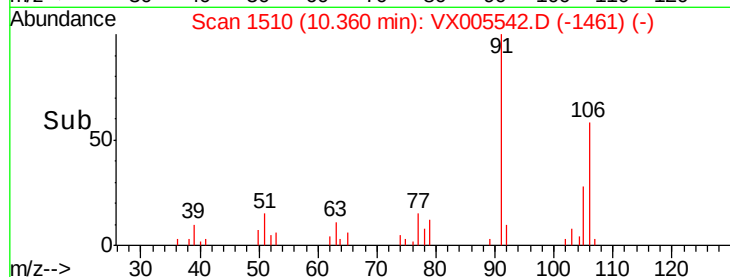
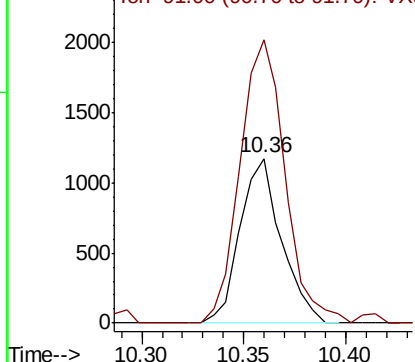
#68
m/p-Xylenes
Concen: 0.474 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tot Ion:106 Resp: 1654
Ion Ratio Lower Upper
106 100
91 187.2 157.1 235.7

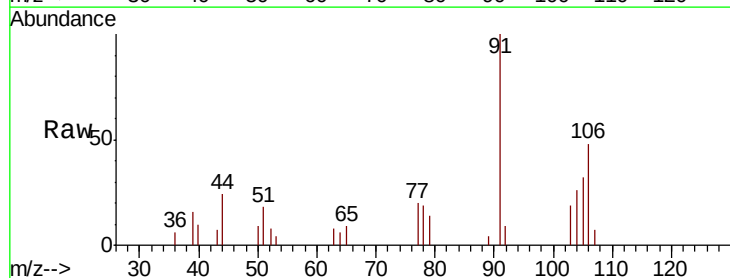


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

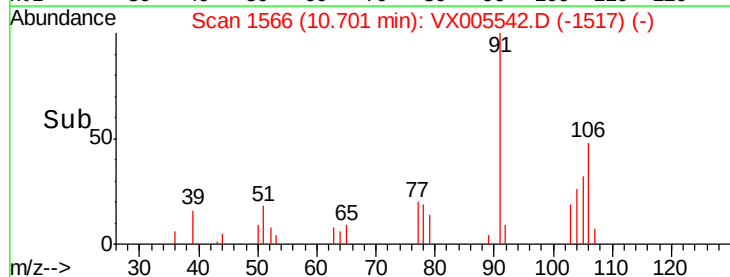
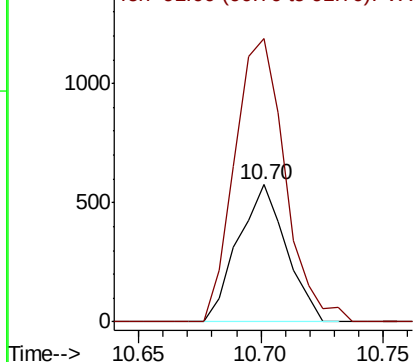


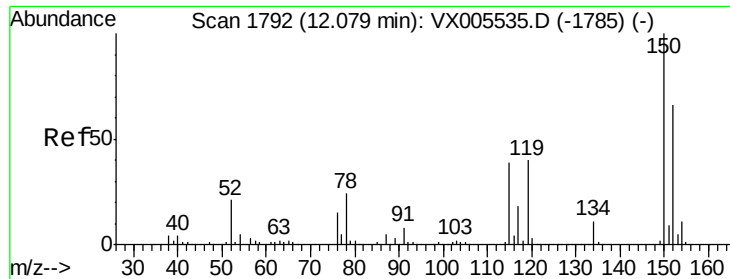
#69
o-Xylene
Concen: 0.241 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:106 Resp: 791
Ion Ratio Lower Upper
106 100
91 215.3 105.1 315.1



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



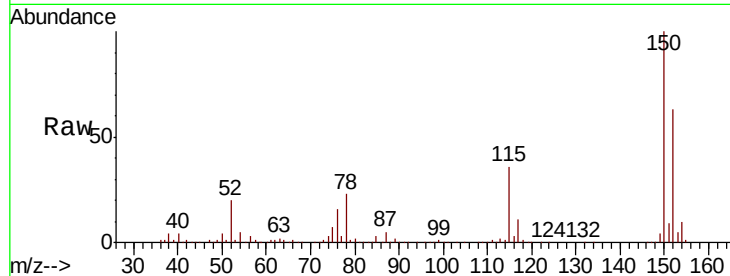


#72

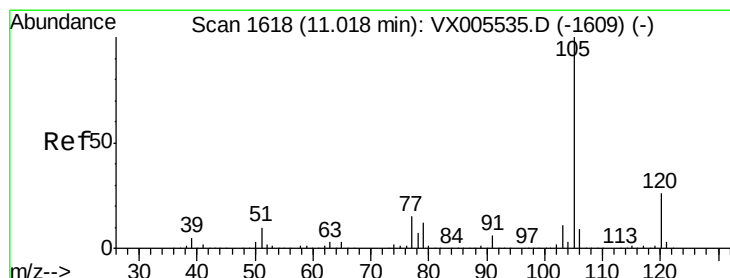
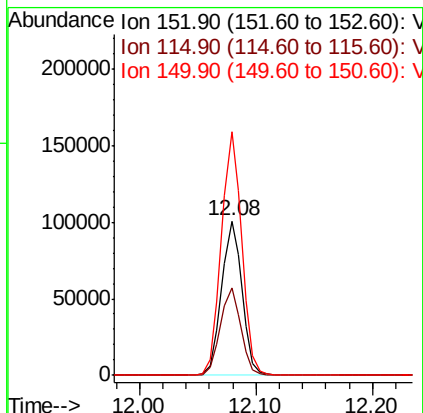
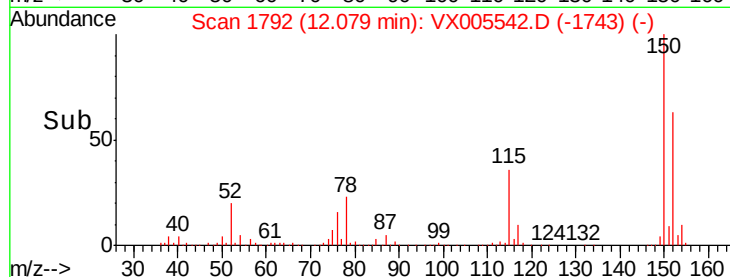
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

Tot Ion:152 Resp: 121744
Ion Ratio Lower Upper
152 100
115 56.9 39.0 117.0
150 157.7 0.0 351.0



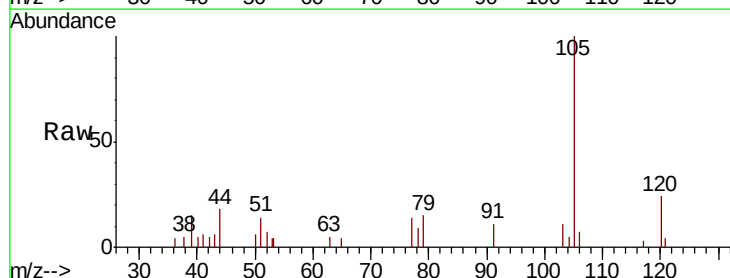
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



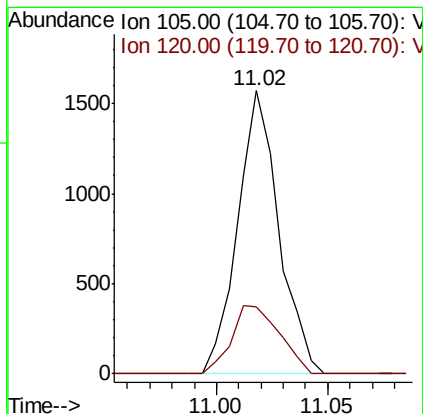
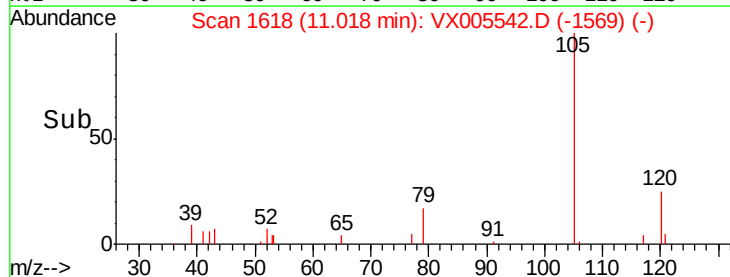
#73

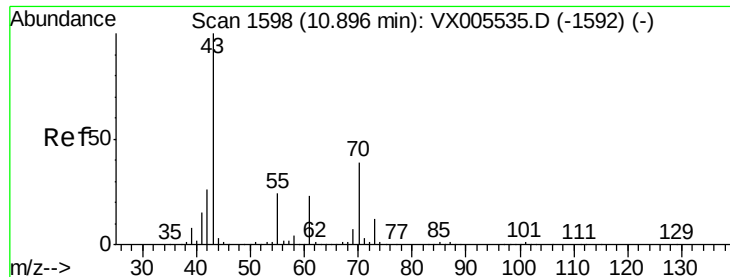
Isopropylbenzene
Concen: 0.272 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion:105 Resp: 2023
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.251 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

Tot Ion: 43 Resp: 926

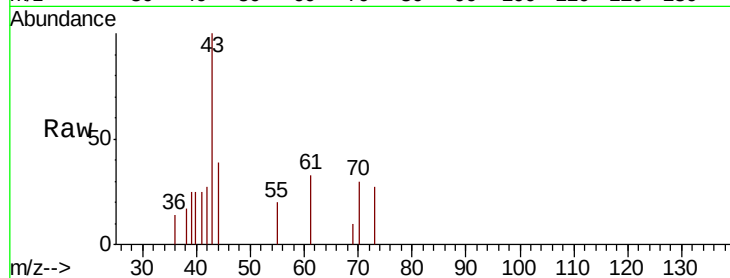
Ion Ratio Lower Upper

43 100

70 33.2 37.4 56.0#

55 24.7 21.8 32.8

61 25.7 20.6 30.8

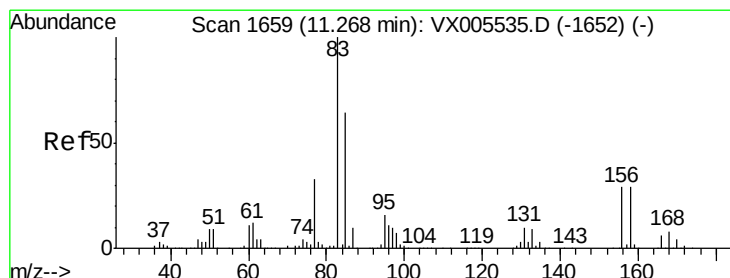
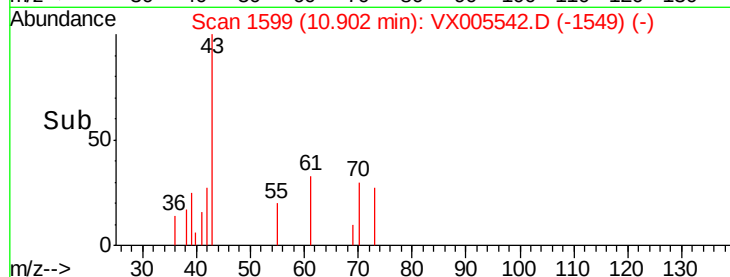
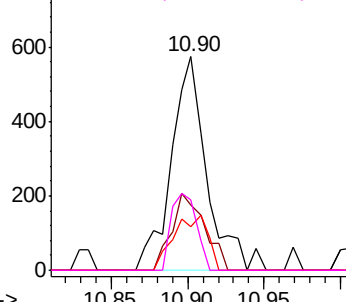


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.311 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

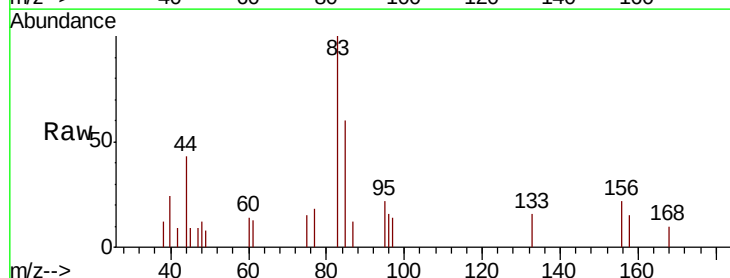
Tgt Ion: 83 Resp: 853

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

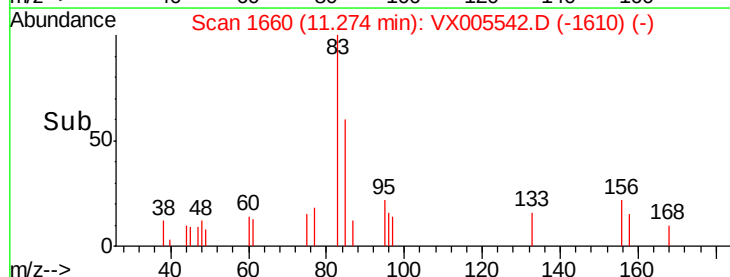
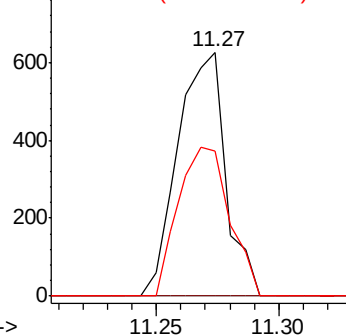
85 65.5 32.3 96.8

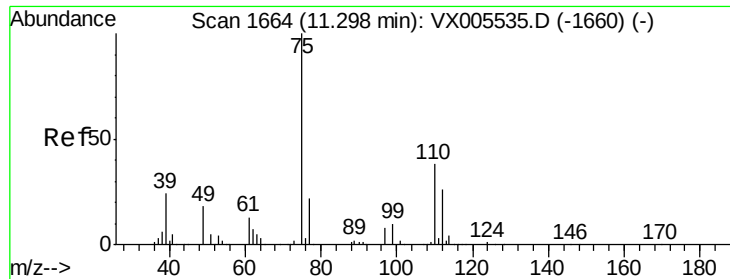


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

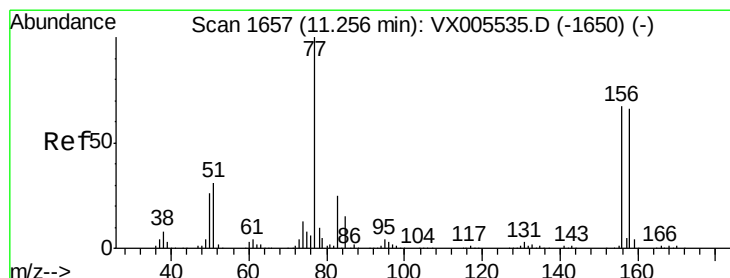
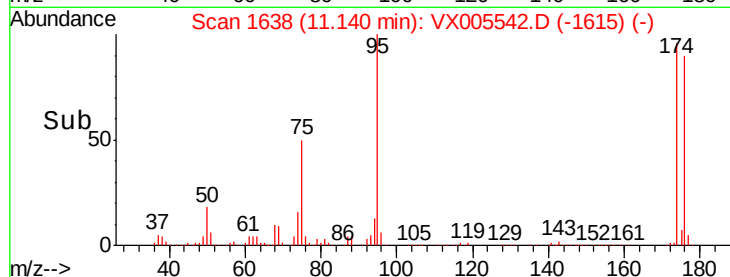
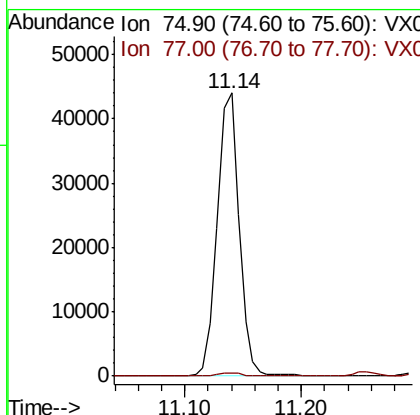
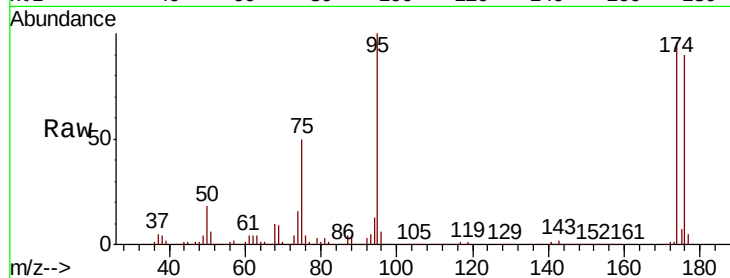




#76
1,2,3-Trichloropropane
Concen: 23.128 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

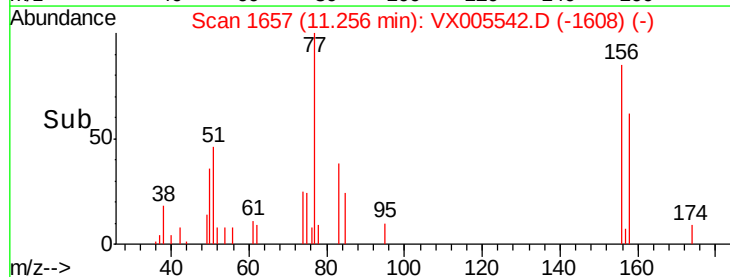
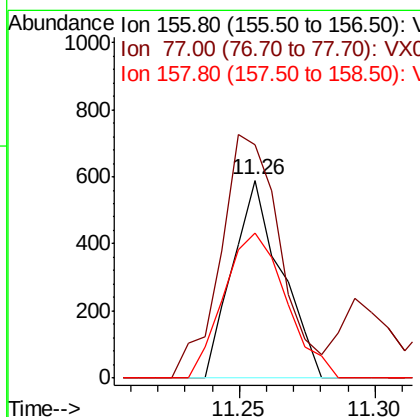
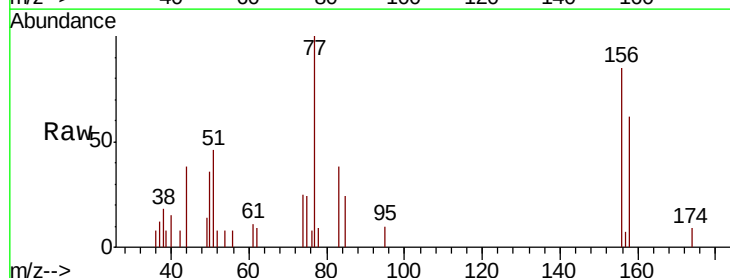
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

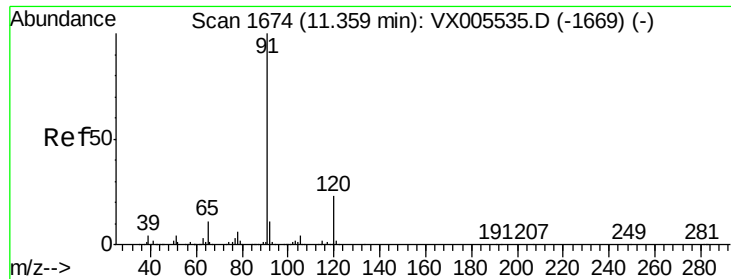
Tot Ion: 75 Resp: 57351
Ion Ratio Lower Upper
75 100
77 1.3 20.2 60.6#



#77
Bromobenzene
Concen: 0.351 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 156 Resp: 728
Ion Ratio Lower Upper
156 100
77 151.5 71.5 214.3
158 94.0 48.9 146.8





#78

n-propylbenzene

Concen: 0.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampled :

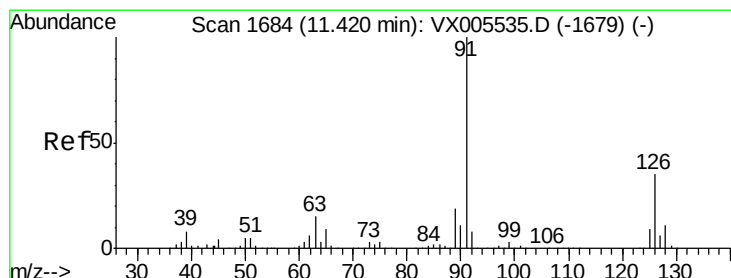
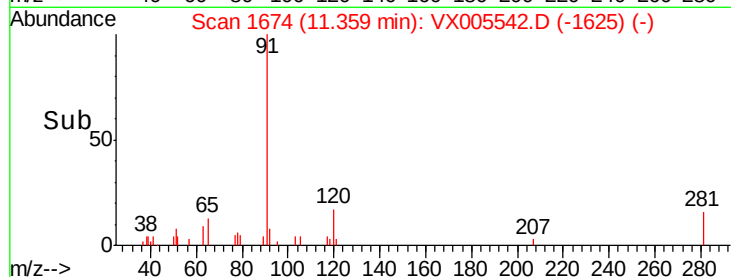
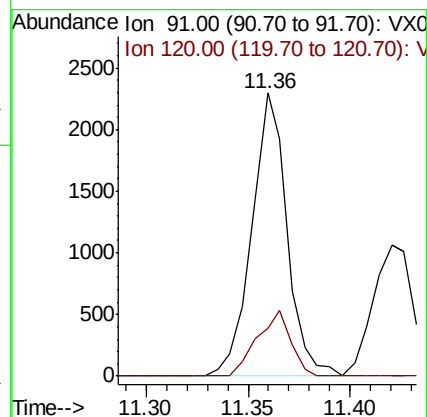
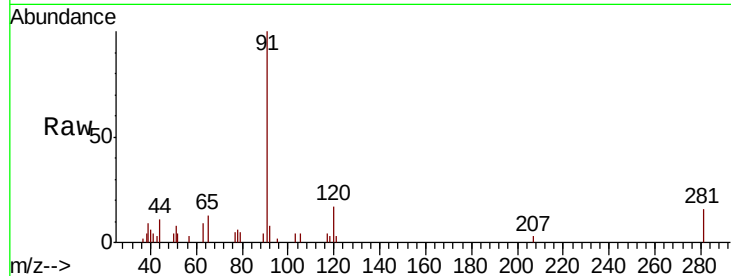
S37-TB-2018-1

Tot Ion: 91 Resp: 2758

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.9



#79

2-Chlorotoluene

Concen: 0.283 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005542.D

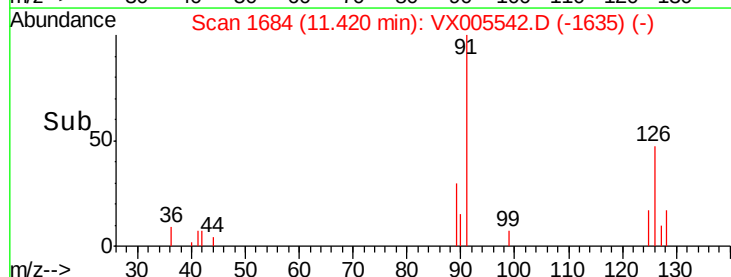
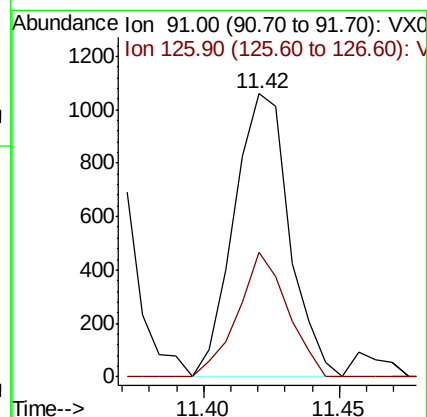
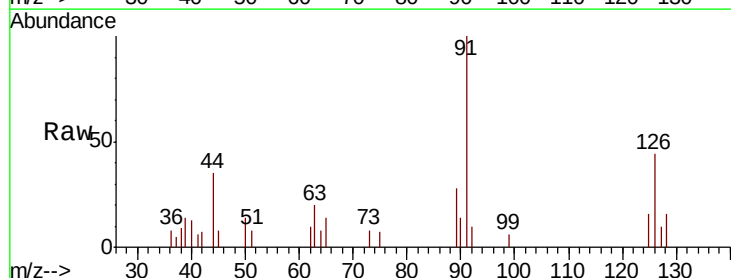
Acq: 24 Oct 2018 15:39

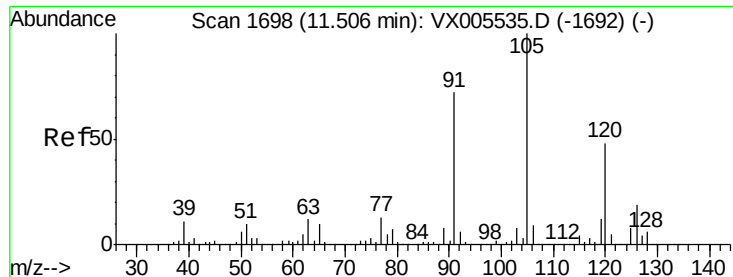
Tgt Ion: 91 Resp: 1491

Ion Ratio Lower Upper

91 100

126 39.7 17.9 53.7

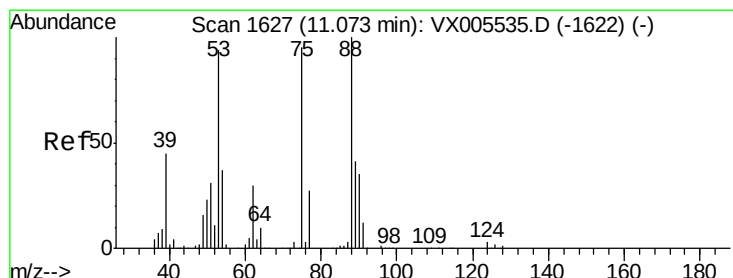
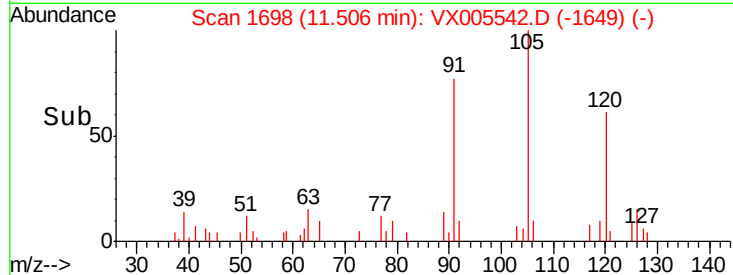
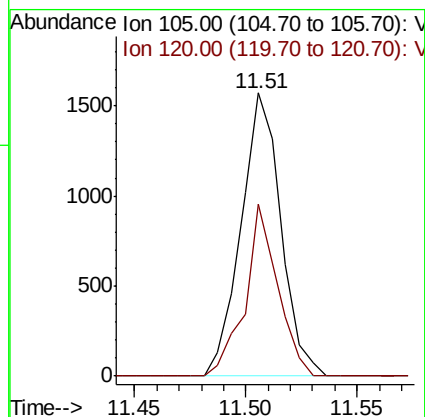
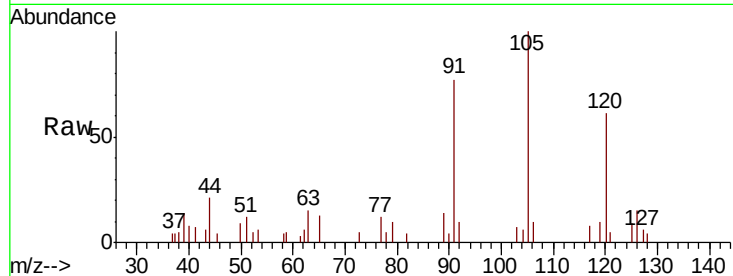




#80
 1,3,5-Trimethylbenzene
 Concen: 0.308 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

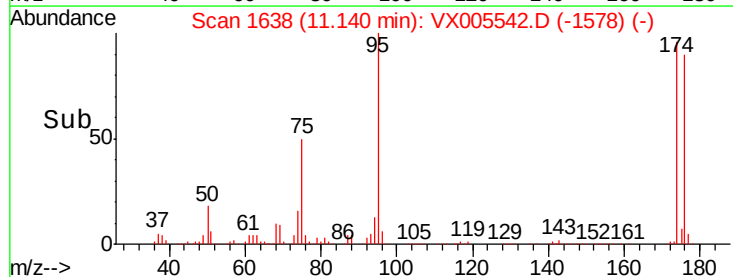
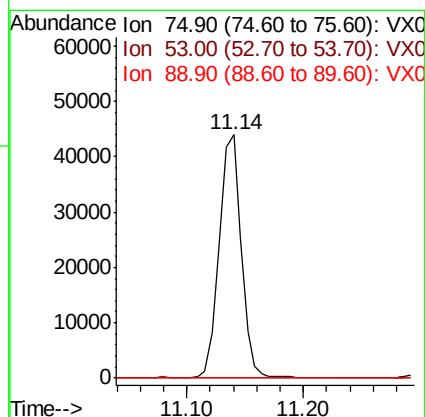
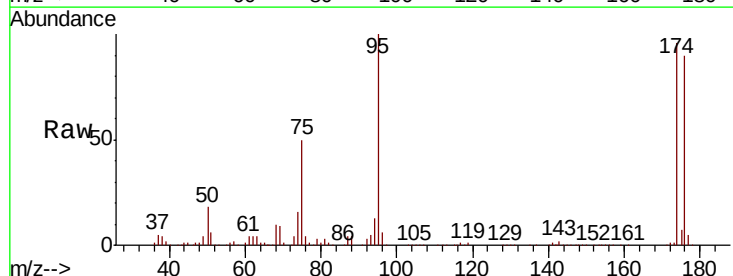
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

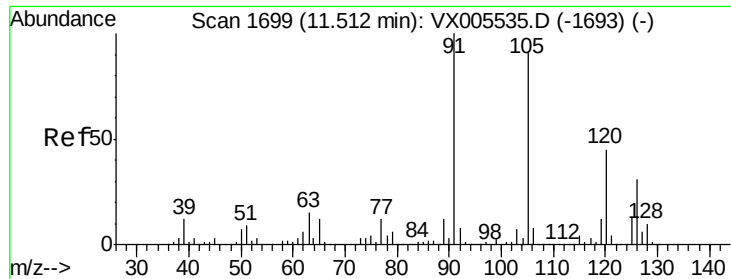
Tot Ion:105 Resp: 1963
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.649 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 75 Resp: 57351
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 37.2 55.8#

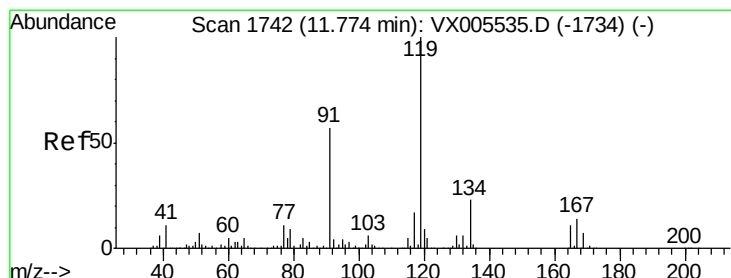
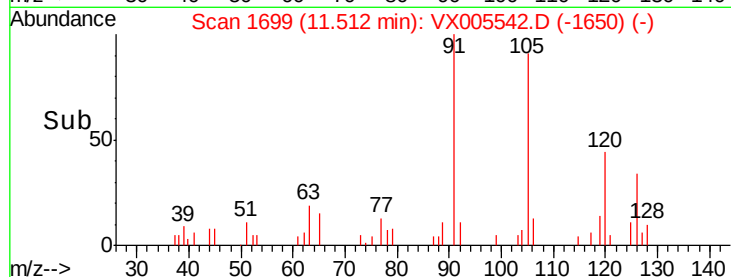
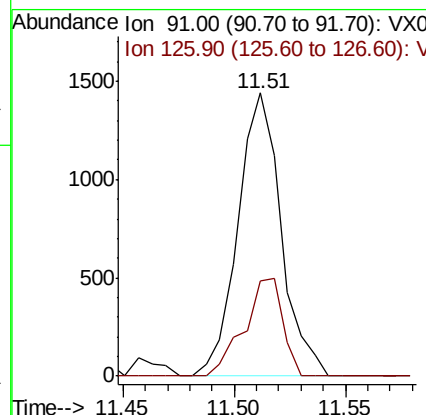
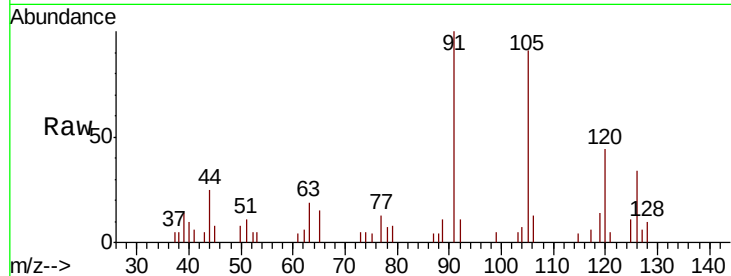




#82
4-Chlorotoluene
Concen: 0.313 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

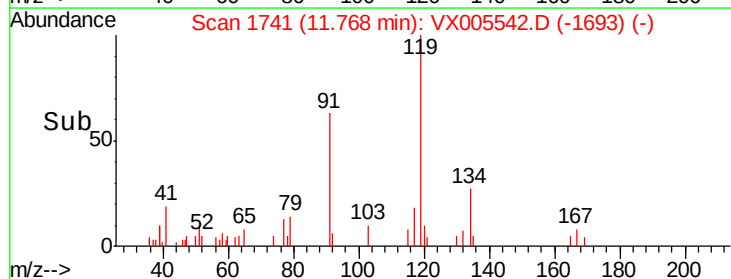
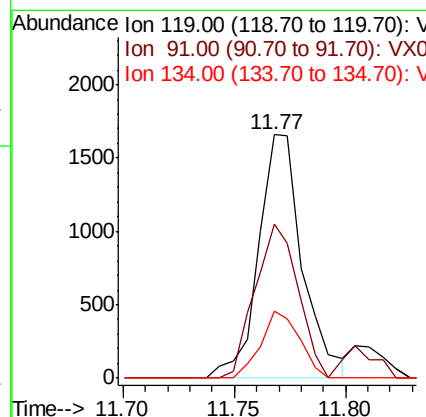
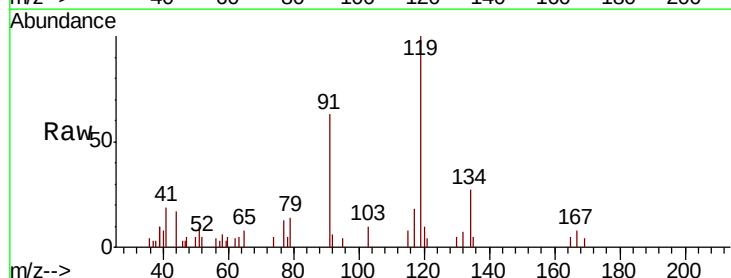
Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2018-1

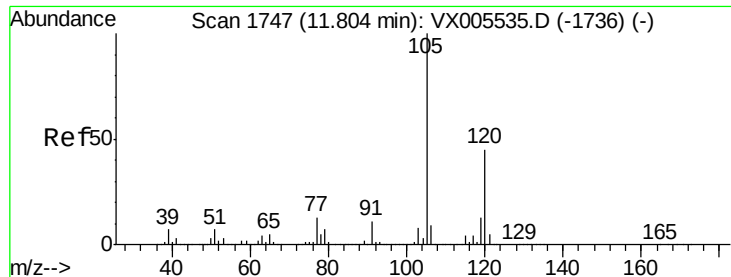
Tot Ion: 91 Resp: 1945
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5



#83
tert-Butylbenzene
Concen: 0.359 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005542.D
Acq: 24 Oct 2018 15:39

Tgt Ion: 119 Resp: 2279
Ion Ratio Lower Upper
119 100
91 62.2 27.0 81.0
134 24.0 11.7 35.1

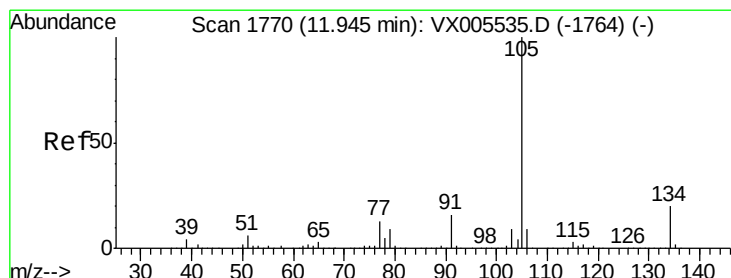
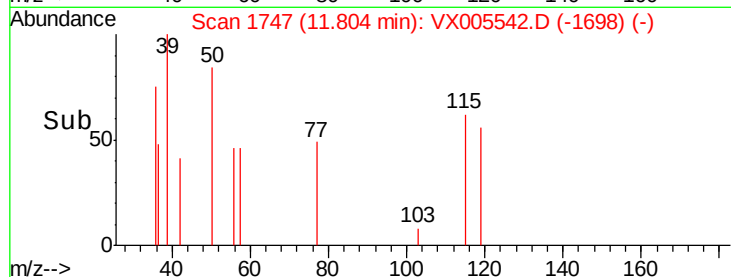
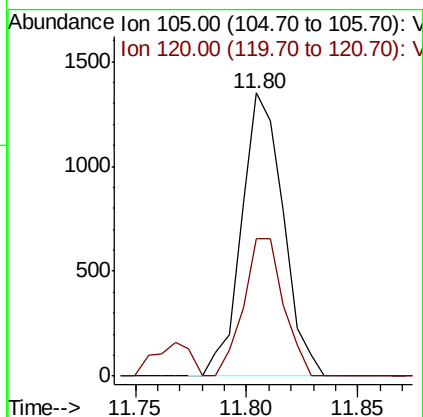
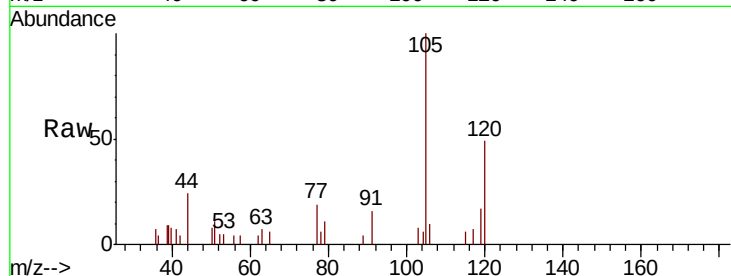




#84
 1,2,4-Trimethylbenzene
 Concen: 0.273 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

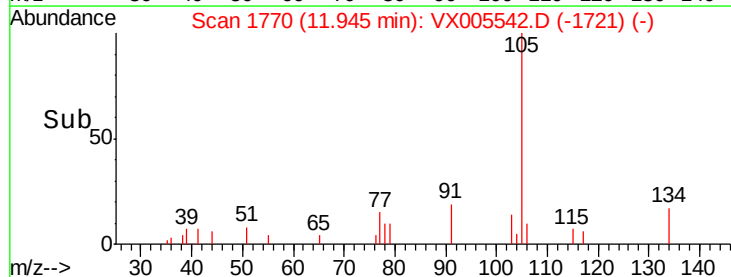
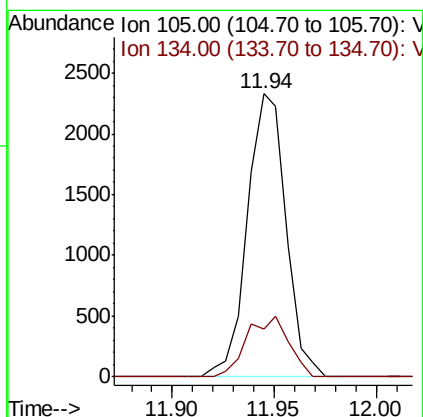
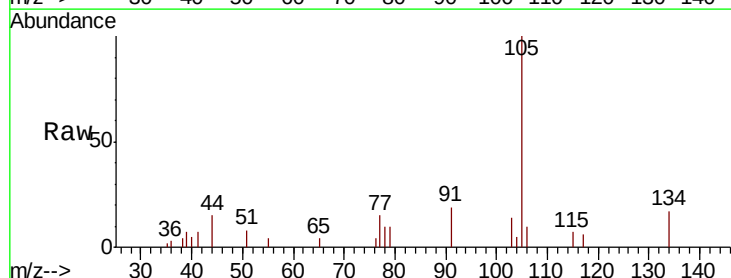
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

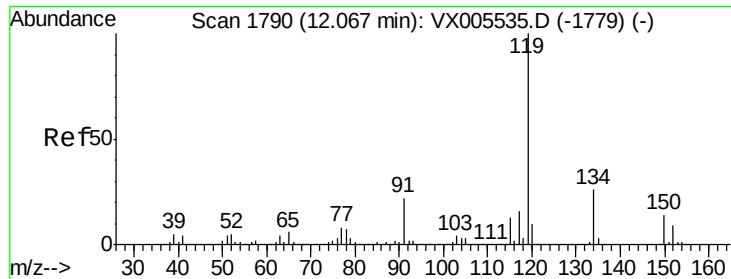
Tot Ion:105 Resp: 1761
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 0.404 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion:105 Resp: 3061
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.5 31.5

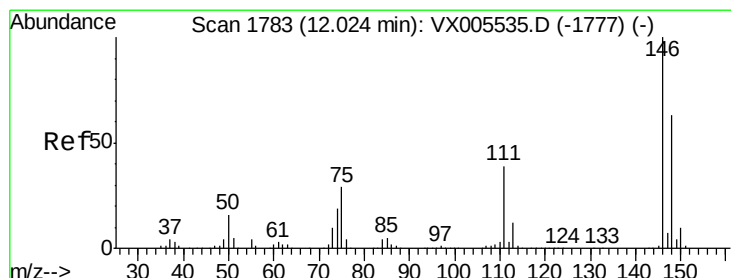
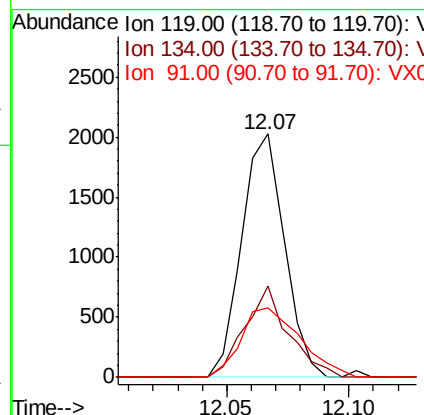
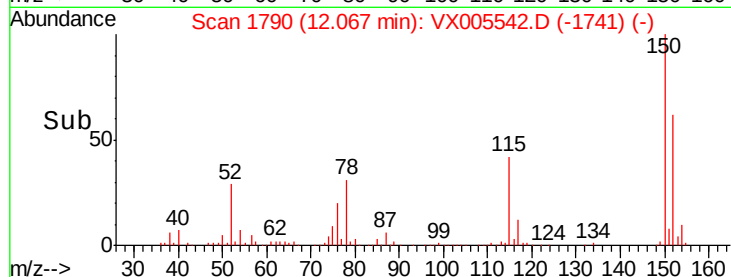
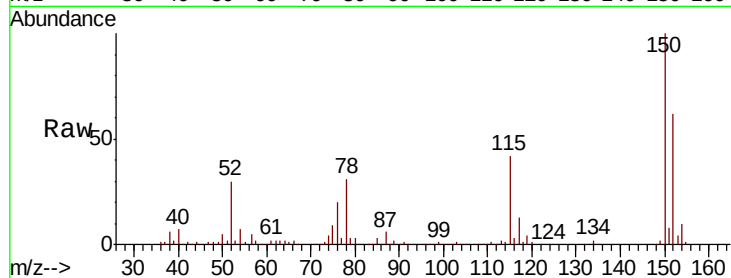




#86
 p-Isopropyltoluene
 Concen: 0.366 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

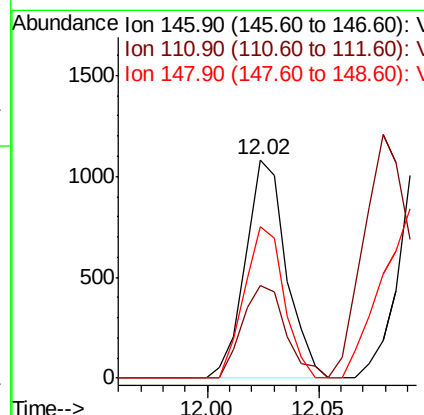
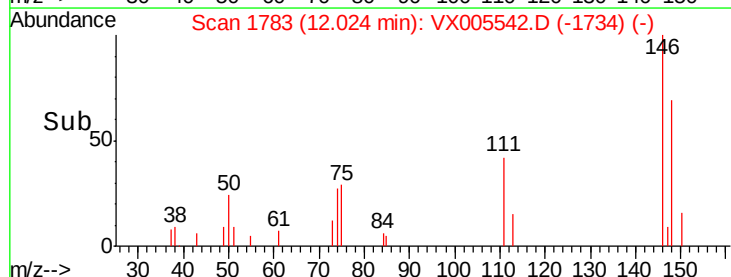
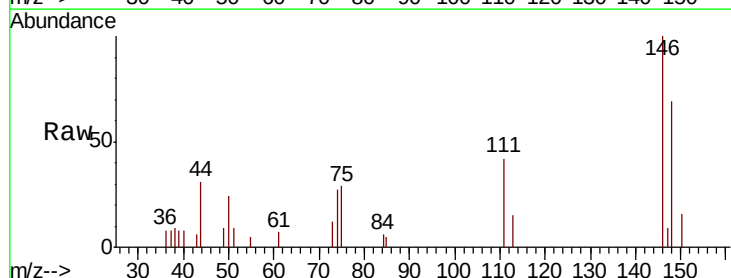
Instrument :
 MSVOA_X
 ClientSampled :
 S37-TB-2018-1

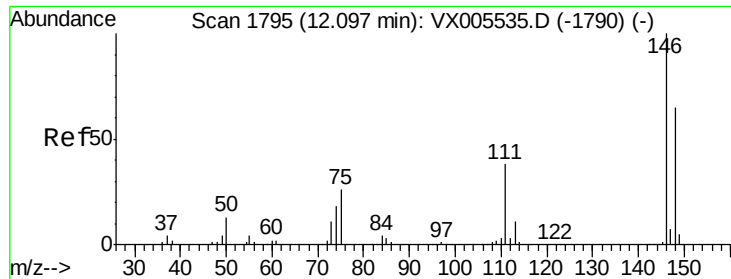
Tot Ion:119 Resp: 2475
 Ion Ratio Lower Upper
 119 100
 134 38.4 13.4 40.2
 91 39.7 10.9 32.7#



#87
 1,3-Dichlorobenzene
 Concen: 0.355 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion:146 Resp: 1384
 Ion Ratio Lower Upper
 146 100
 111 45.2 18.7 56.1
 148 67.6 32.1 96.5

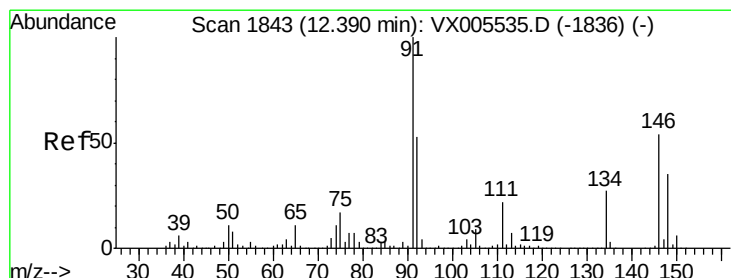
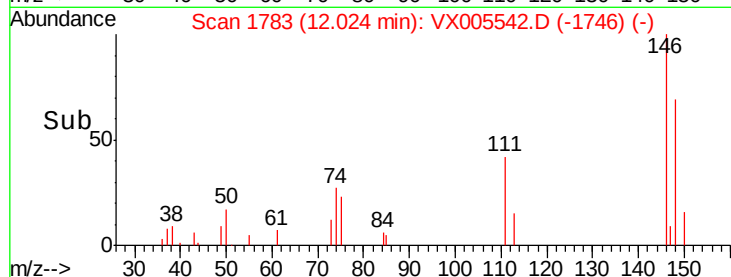
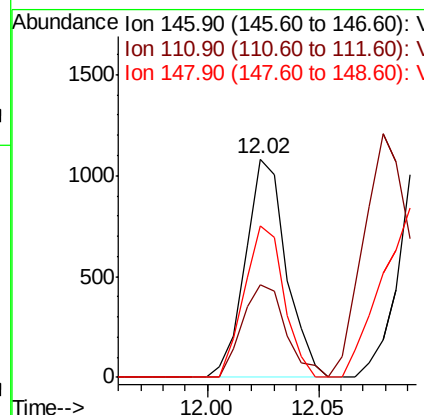
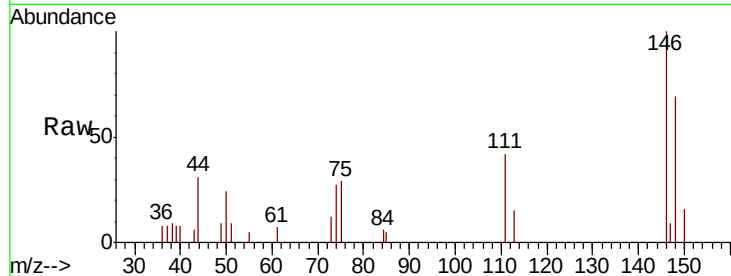




#88
 1,4-Dichlorobenzene
 Concen: 0.339 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

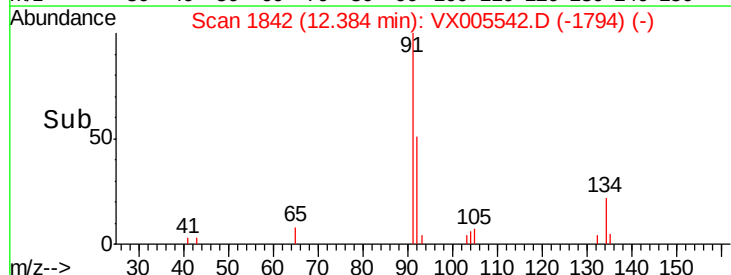
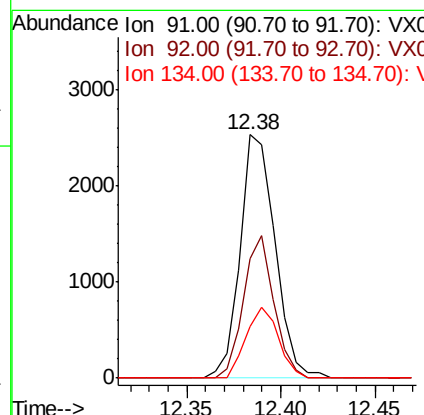
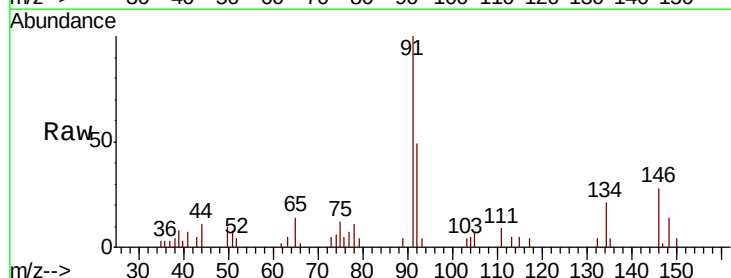
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

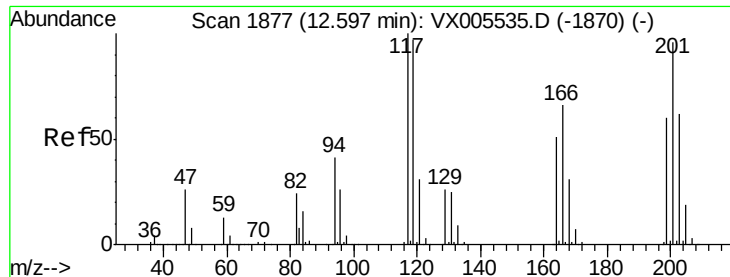
Tot Ion:146 Resp: 1384
 Ion Ratio Lower Upper
 146 100
 111 45.2 18.1 54.1
 148 67.6 32.0 96.0



#89
 n-Butylbenzene
 Concen: 0.533 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Tgt Ion: 91 Resp: 3260
 Ion Ratio Lower Upper
 91 100
 92 50.7 27.3 81.9
 134 27.0 13.6 40.7





#90

Hexachloroethane

Concen: 0.543 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

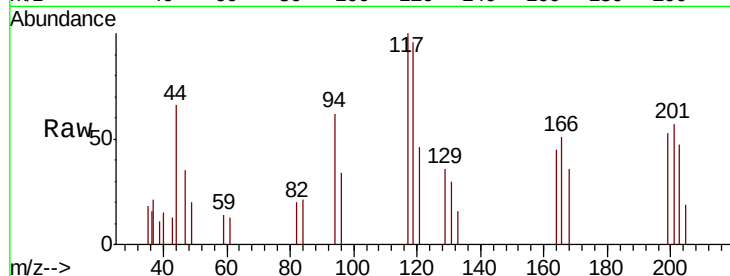
S37-TB-2018-1

Tot Ion:117 Resp: 634

Ion Ratio Lower Upper

117 100

201 99.1 46.9 140.6

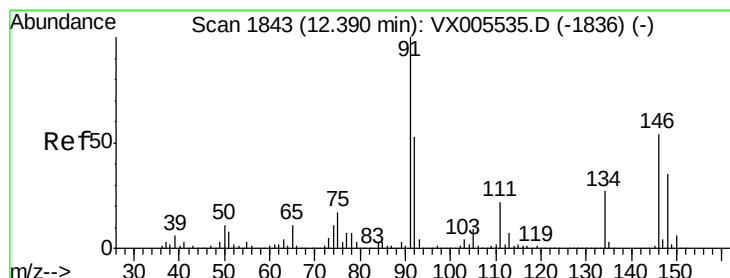
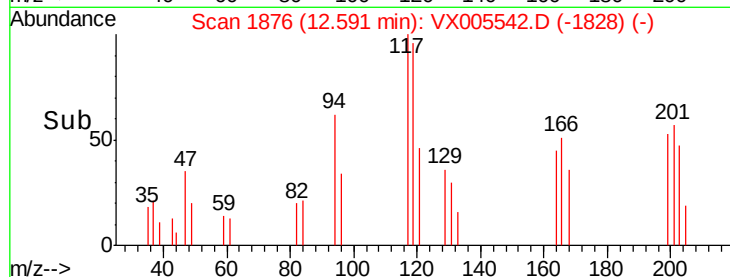


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.349 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

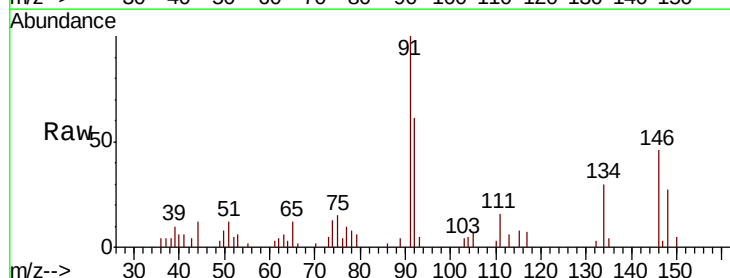
Tgt Ion:146 Resp: 1379

Ion Ratio Lower Upper

146 100

111 43.9 19.4 58.1

148 69.4 32.8 98.3



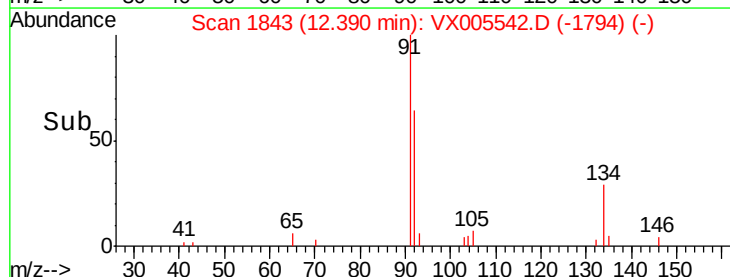
Abundance Ion 145.90 (145.60 to 146.60): V

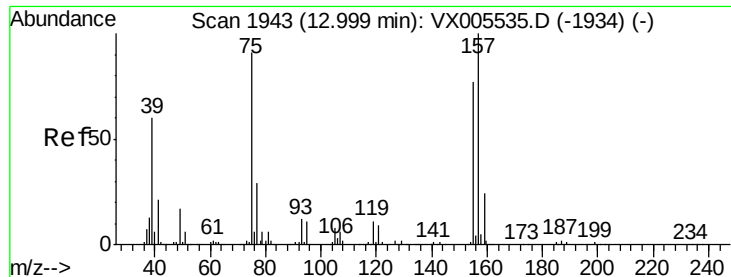
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.405 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

MSVOA_X

ClientSampleId :

S37-TB-2018-1

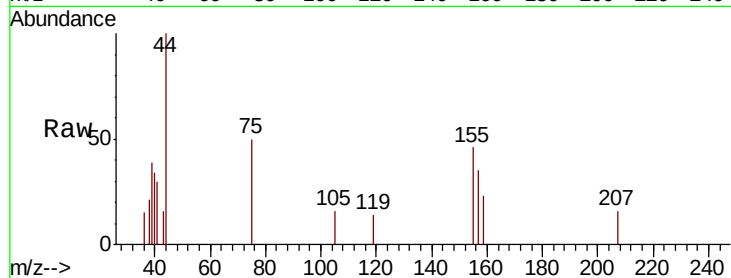
Tot Ion: 75 Resp: 269

Ion Ratio Lower Upper

75 100

155 80.7 48.0 144.2

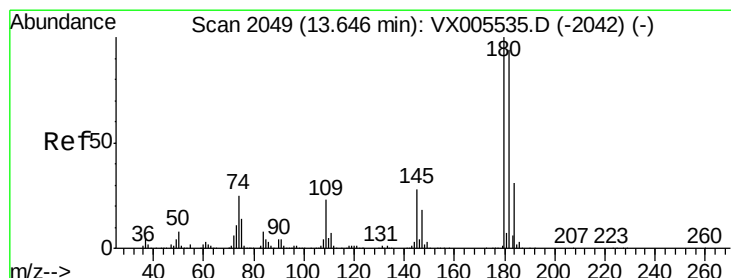
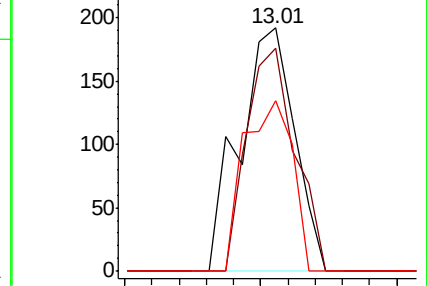
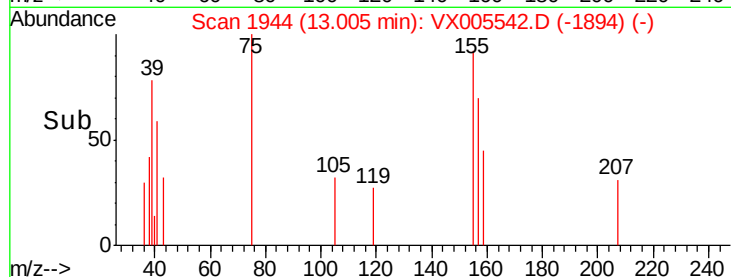
157 61.7 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.594 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

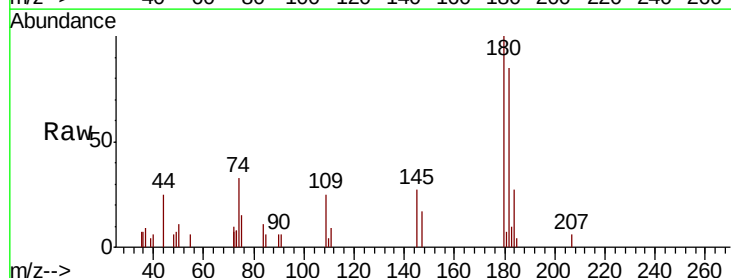
Tgt Ion: 180 Resp: 1700

Ion Ratio Lower Upper

180 100

182 97.4 48.4 145.0

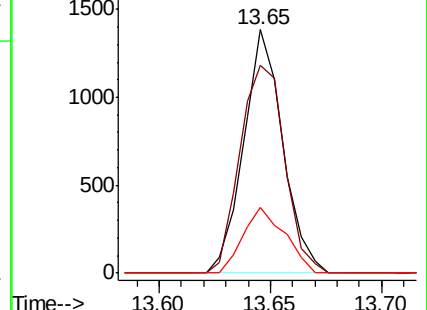
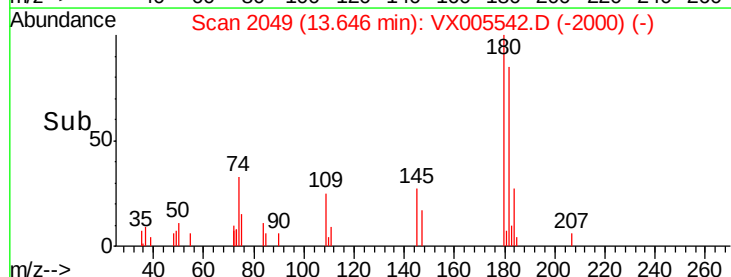
145 28.4 14.3 42.9

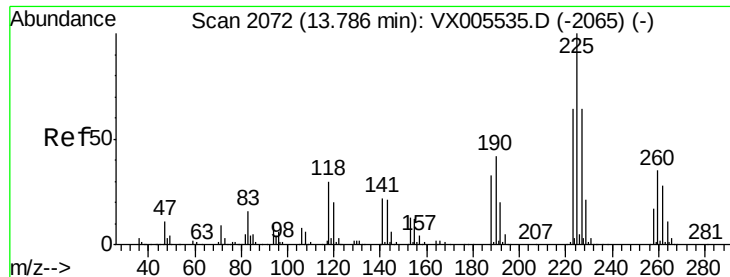


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 1.840 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Instrument :

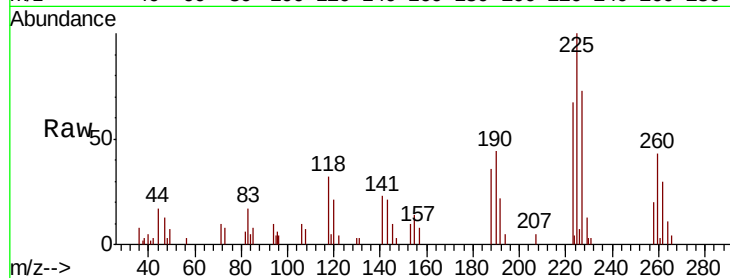
MSVOA_X

ClientSampleId :

S37-TB-2018-1

Tot Ion:225 Resp: 2727

Ion	Ratio	Lower	Upper
225	100		
223	66.0	30.1	90.5
227	68.4	30.8	92.4

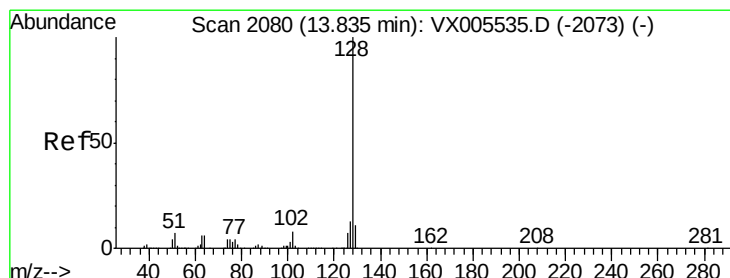
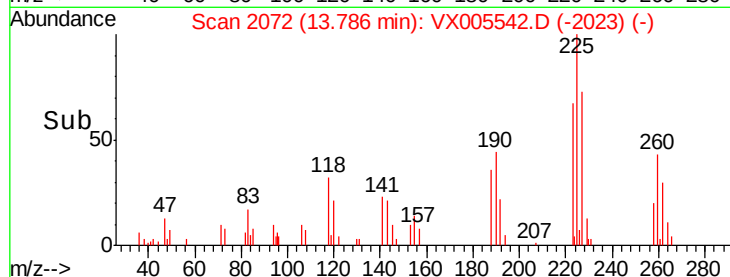
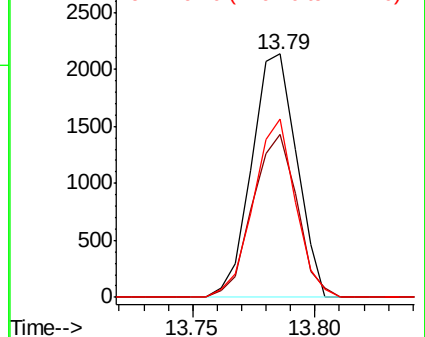


Abundance

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: 0.336 ug/l

RT: 13.83 min Scan# 2080

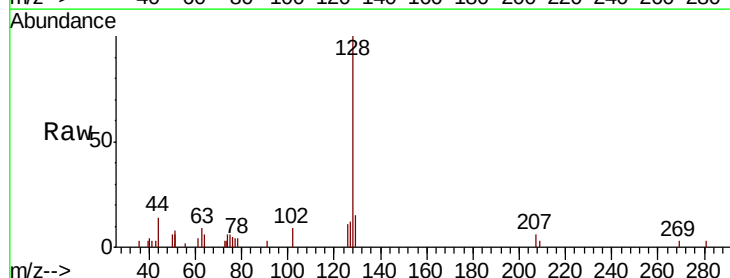
Delta R.T. -0.00 min

Lab File: VX005542.D

Acq: 24 Oct 2018 15:39

Tgt Ion:128 Resp: 2790

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	13.4	8.6	12.8#

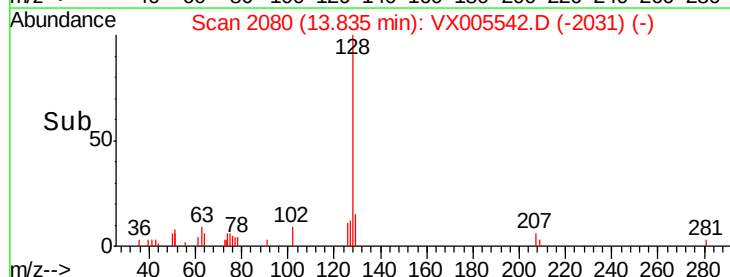
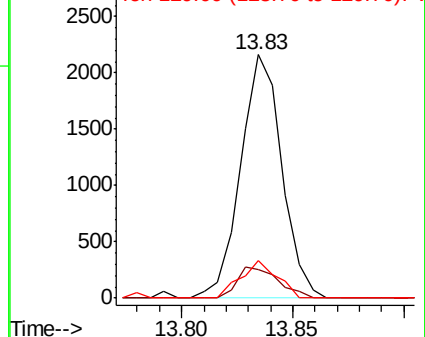


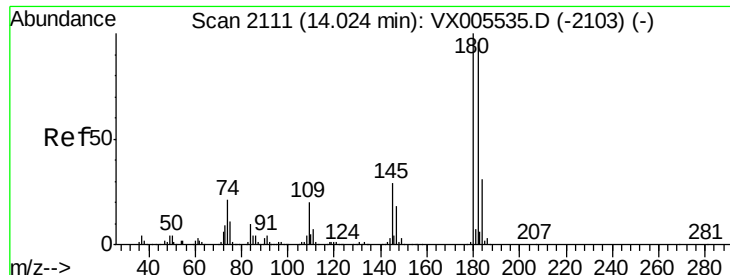
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.567 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX005542.D
 Acq: 24 Oct 2018 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2018-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.1	48.5	145.6
145	35.6	14.9	44.9

