

Data File : VX001137.D

Acq On : 26 Apr 2018 17:55

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Apr 27 01:22:01 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	66376	22.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.86%	
35) Dibromofluoromethane	5.51	113	51562	21.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.04%	
50) Toluene-d8	8.72	98	193711	21.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.62%	
62) 4-Bromofluorobenzene	11.14	95	73939	19.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46088	17.24	ug/l	95
3) Chloromethane	1.32	50	50354	19.68	ug/l	98
4) Vinyl Chloride	1.40	62	52797	19.70	ug/l	99
5) Bromomethane	1.64	94	39362	23.65	ug/l	97
6) Chloroethane	1.73	64	34173	21.10	ug/l	99
7) Trichlorofluoromethane	1.93	101	84431	20.75	ug/l	99
8) Diethyl Ether	2.19	74	32322	21.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47538	20.09	ug/l	98
10) Methyl Iodide	2.51	142	34125	17.00	ug/l	100
11) Tert butyl alcohol	3.09	59	71799	146.07	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44192	20.02	ug/l	97
13) Acrolein	2.30	56	23892	144.06	ug/l	99
14) Allyl chloride	2.73	41	84119	20.82	ug/l	99
15) Acrylonitrile	3.15	53	145726	118.96	ug/l	100
16) Acetone	2.45	43	144764	126.94	ug/l	100
17) Carbon Disulfide	2.57	76	111058	17.87	ug/l	99
18) Methyl Acetate	2.79	43	72963	22.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	167109	22.02	ug/l	97
20) Methylene Chloride	2.86	84	51999	20.37	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49280	19.95	ug/l	93
22) Diisopropyl ether	3.88	45	162468	20.78	ug/l	94
23) Vinyl Acetate	3.84	43	712139	108.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85830	19.76	ug/l	99
25) 2-Butanone	4.72	43	212932	120.24	ug/l	99
26) 2,2-Dichloropropane	4.59	77	67648	18.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54528	19.84	ug/l	99
28) Bromochloromethane	5.03	49	40316	23.28	ug/l	99
29) Tetrahydrofuran	5.18	42	134276	119.83	ug/l	99
30) Chloroform	5.23	83	93188	20.60	ug/l	99
31) Cyclohexane	5.58	56	73767	18.46	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	77743	19.28	ug/l	97
36) 1,1-Dichloropropene	5.81	75	65513	17.79	ug/l	99
37) Ethyl Acetate	4.87	43	81811	23.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	66562	17.81	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Apr 27 01:22:01 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	74981	17.64	ug/l	98
40) Benzene	6.15	78	198526	19.18	ug/l	99
41) Methacrylonitrile	5.07	41	44845	20.50	ug/l	98
42) 1,2-Dichloroethane	6.21	62	81018	20.20	ug/l	100
43) Isopropyl Acetate	6.48	43	125864	20.92	ug/l	99
44) Trichloroethene	7.22	130	58836	18.71	ug/l	98
45) 1,2-Dichloropropane	7.52	63	52800	20.20	ug/l	99
46) Dibromomethane	7.67	93	35979	19.61	ug/l	98
47) Bromodichloromethane	7.91	83	65226	19.31	ug/l	100
48) Methyl methacrylate	7.79	41	67550	20.95	ug/l	100
49) 1,4-Dioxane	7.77	88	27151	528.61	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	428064	115.40	ug/l	100
52) Toluene	8.79	92	127725	18.93	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	76706	19.04	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	70093	18.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	54449	20.09	ug/l	98
56) Ethyl methacrylate	9.19	69	80624	20.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89377	19.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	189360	97.88	ug/l	100
59) 2-Hexanone	9.51	43	331199	116.12	ug/l	100
60) Dibromochloromethane	9.59	129	54552	19.24	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57865	20.17	ug/l	99
64) Tetrachloroethene	9.34	164	62502	19.75	ug/l	99
65) Chlorobenzene	10.15	112	151603	19.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	53739	19.67	ug/l	99
67) Ethyl Benzene	10.26	91	249036	18.96	ug/l	100
68) m/p-Xylenes	10.37	106	194530	37.57	ug/l	99
69) o-Xylene	10.71	106	95025	18.98	ug/l	98
70) Styrene	10.72	104	158071	19.18	ug/l	100
71) Bromoform	10.87	173	43211	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	249261	19.59	ug/l	99
74) N-amyl acetate	6.48	43	125864	22.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83687	22.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91465	26.20	ug/l	90
77) Bromobenzene	11.26	156	74553	20.12	ug/l	100
78) n-propylbenzene	11.37	91	282234	19.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	172540	19.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	214929	19.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17919	18.45	ug/l	91
82) 4-Chlorotoluene	11.52	91	205190	19.61	ug/l	100
83) tert-Butylbenzene	11.77	119	210048	19.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222100	19.93	ug/l	100
85) sec-Butylbenzene	11.95	105	252262	19.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	231753	19.32	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133181	19.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134948	18.99	ug/l	99
89) n-Butylbenzene	12.40	91	197002	18.53	ug/l	100
90) Hexachloroethane	12.60	117	31640	18.68	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134303	19.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18310	23.18	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

Data File : VX001137.D
Acq On : 26 Apr 2018 17:55
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Apr 27 01:22:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

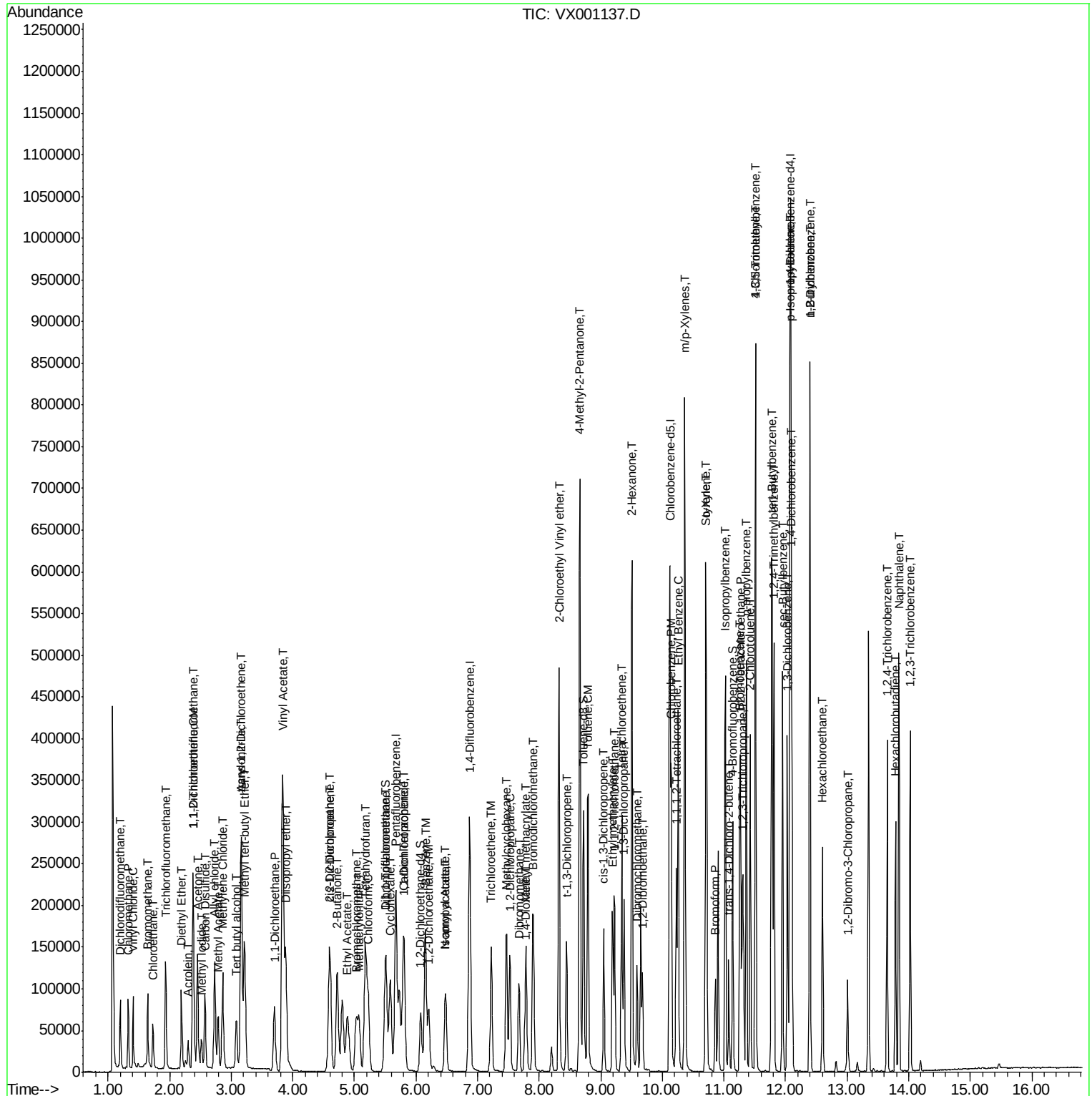
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101990	18.25	ug/l	99
94) Hexachlorobutadiene	13.79	225	48127	18.89	ug/l	99
95) Naphthalene	13.84	128	298643	21.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103400	19.02	ug/l	99

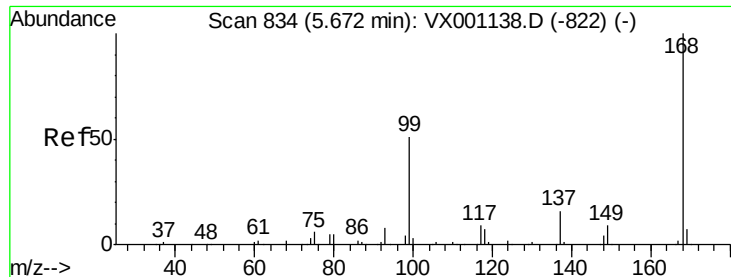
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 5 Sample Multiplier: 1

VSTDICC020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

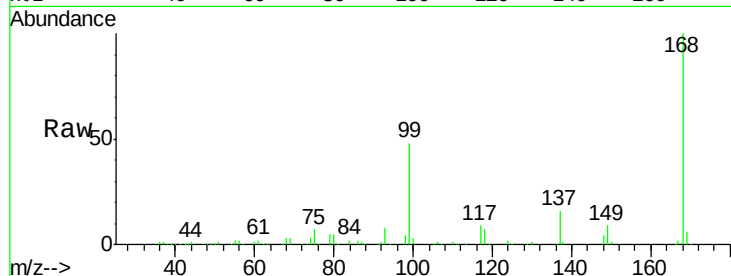
VSTDIC020

Tgt Ion:168 Resp: 226770

Ion Ratio Lower Upper

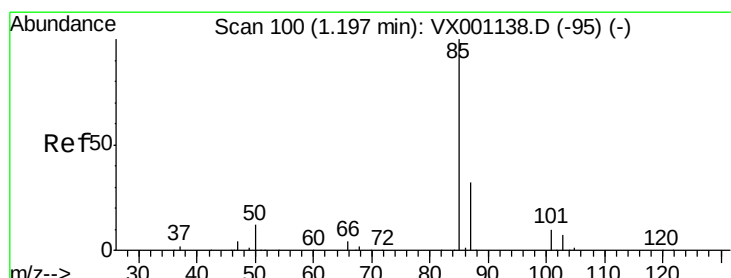
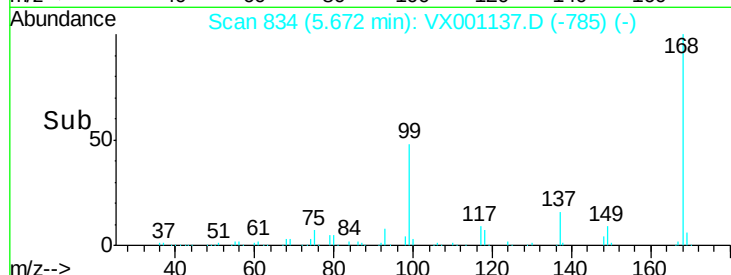
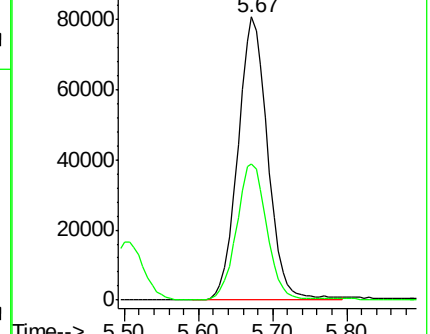
168 100

99 48.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001137.D

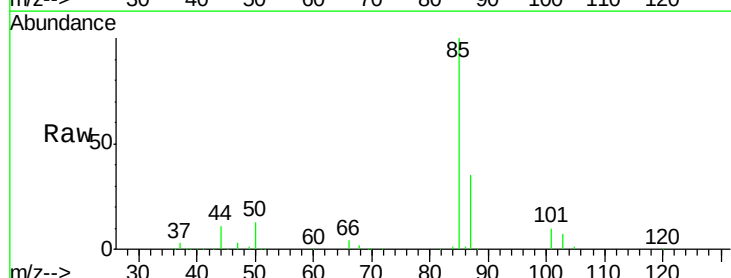
Acq: 26 Apr 2018 17:55

Tgt Ion: 85 Resp: 46088

Ion Ratio Lower Upper

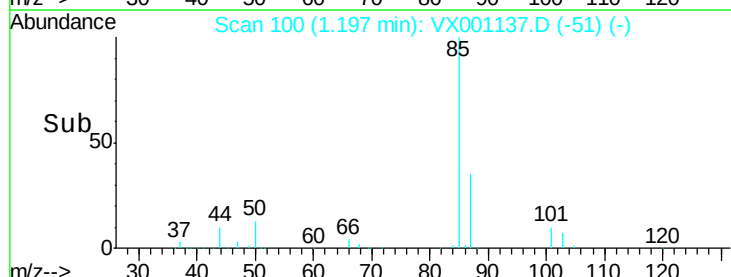
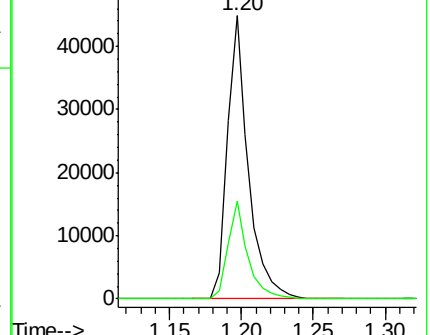
85 100

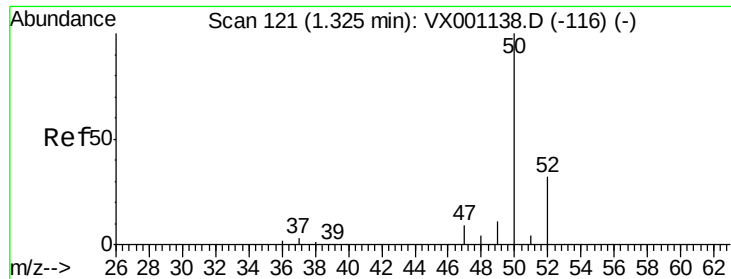
87 34.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

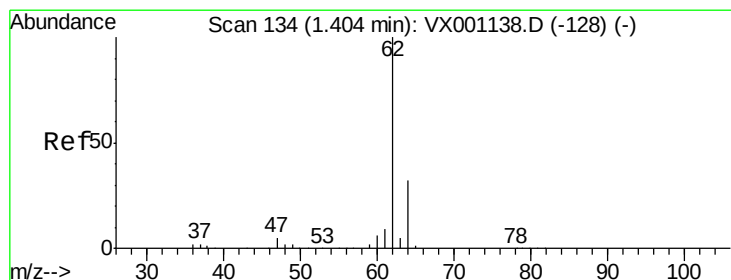
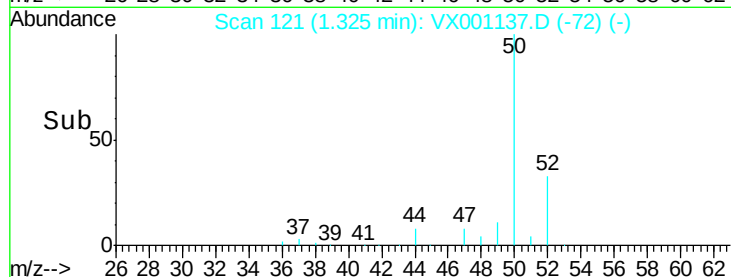
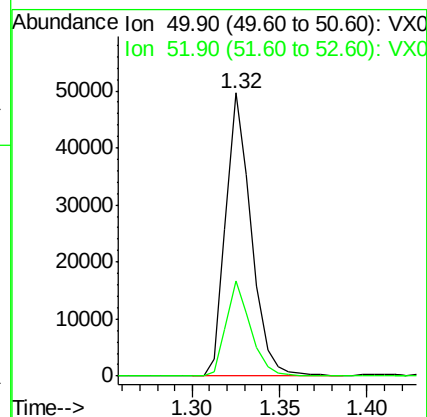
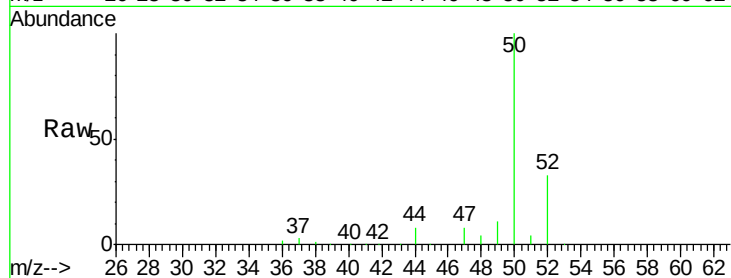
VSTDIC020

Tgt Ion: 50 Resp: 50354

Ion Ratio Lower Upper

50 100

52 33.5 25.9 38.9



#4

Vinyl Chloride

Concen: 19.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001137.D

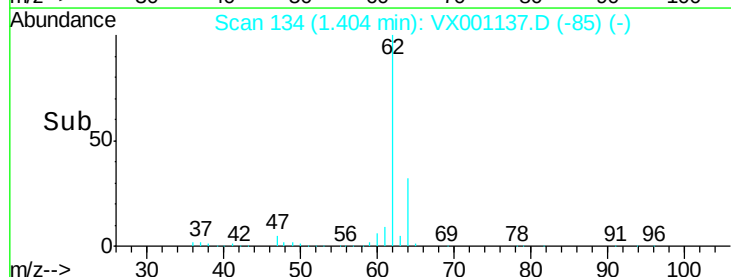
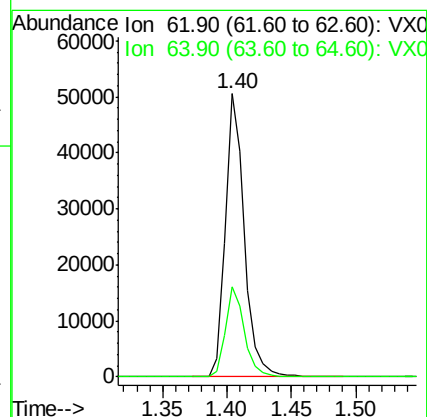
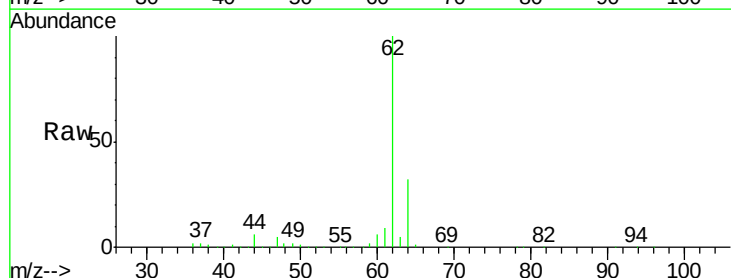
Acq: 26 Apr 2018 17:55

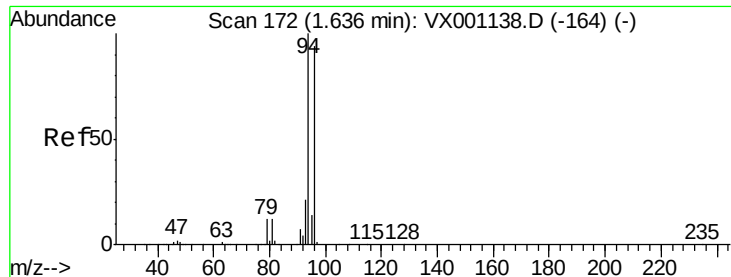
Tgt Ion: 62 Resp: 52797

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 23.65 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

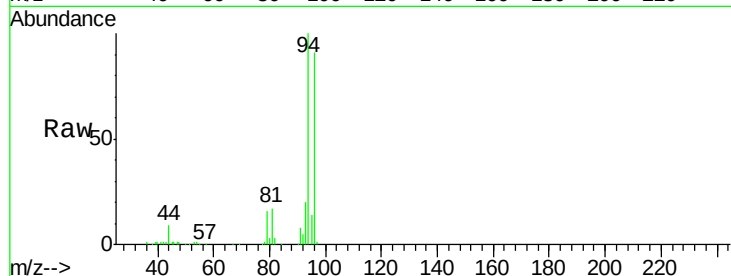
VSTDIC020

Tgt Ion: 94 Resp: 39362

Ion Ratio Lower Upper

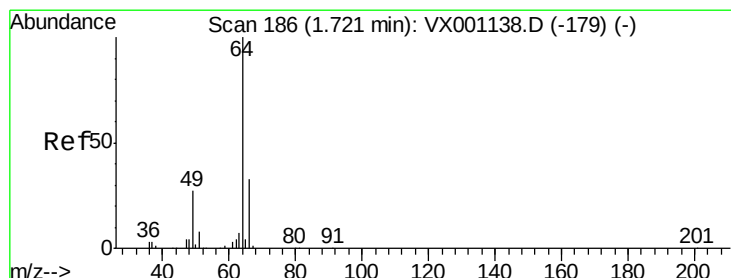
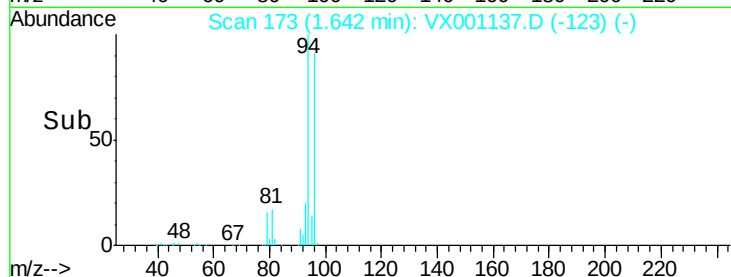
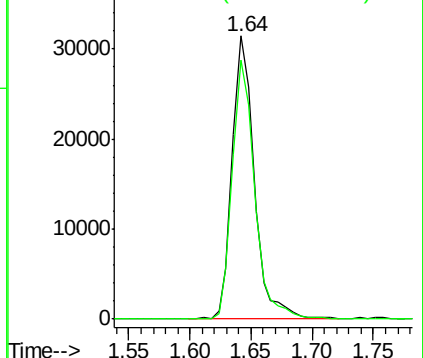
94 100

96 91.3 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001137.D

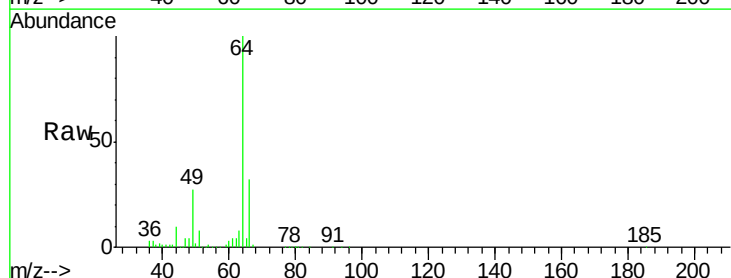
Acq: 26 Apr 2018 17:55

Tgt Ion: 64 Resp: 34173

Ion Ratio Lower Upper

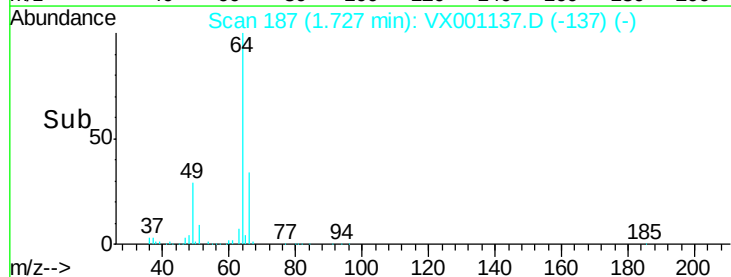
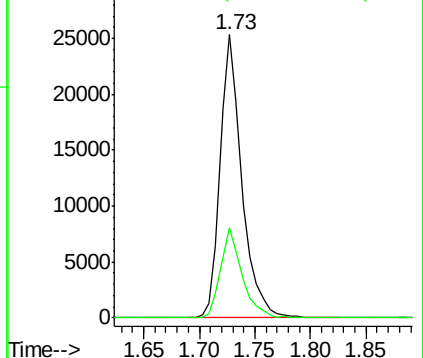
64 100

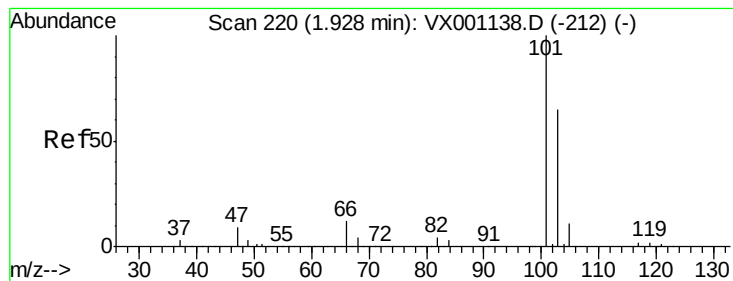
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



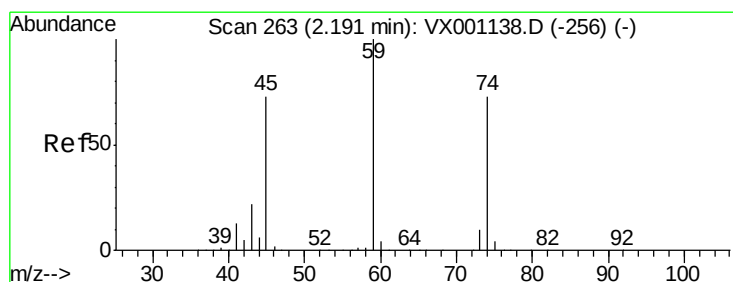
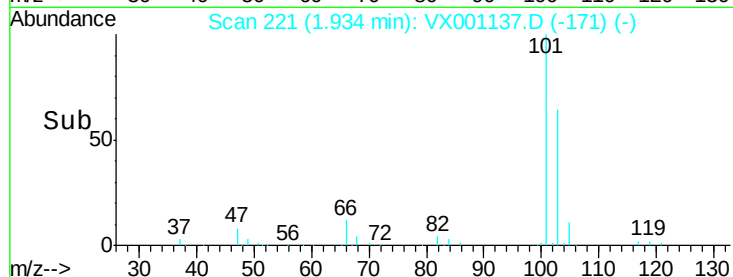
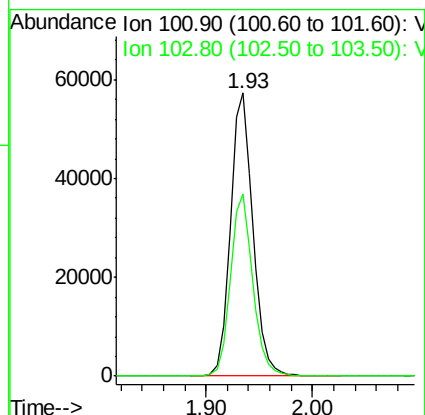
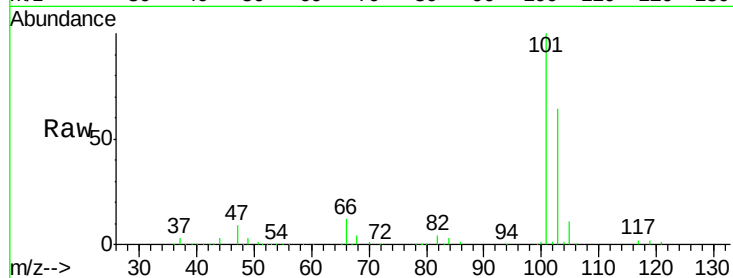


#7

Trichlorofluoromethane
Concen: 20.75 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

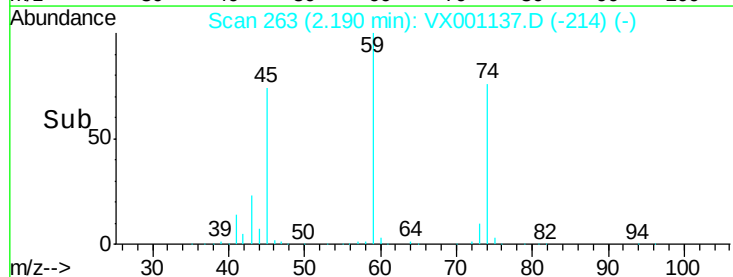
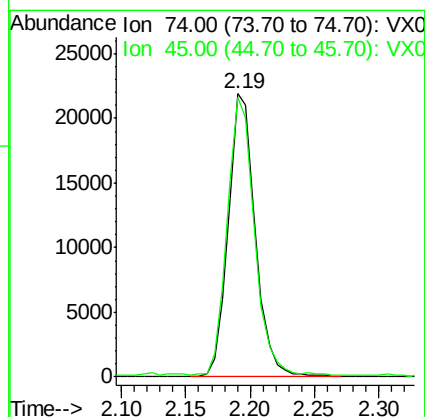
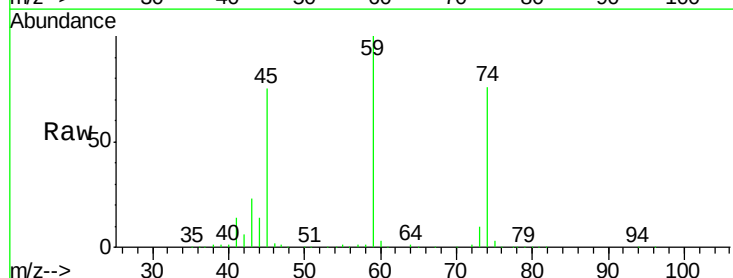
Tgt Ion: 101 Resp: 84431
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

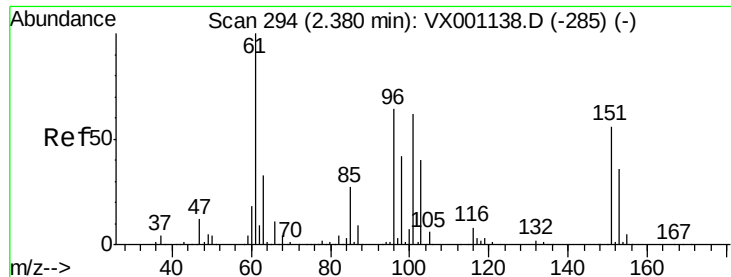


#8

Diethyl Ether
Concen: 21.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 74 Resp: 32322
Ion Ratio Lower Upper
74 100
45 99.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.09 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

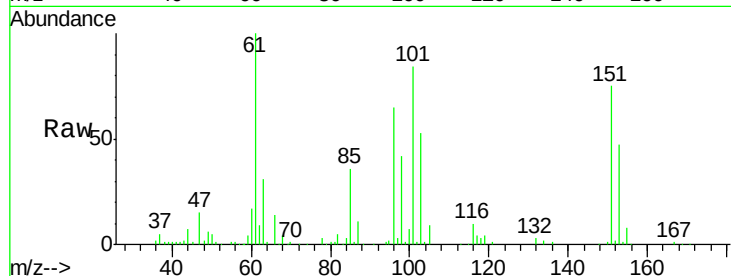
Tgt Ion:101 Resp: 47538

Ion Ratio Lower Upper

101 100

85 44.1 35.4 53.0

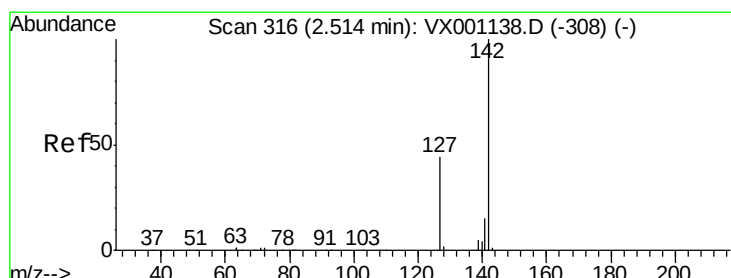
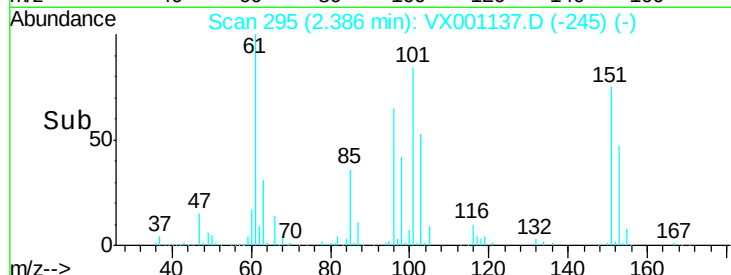
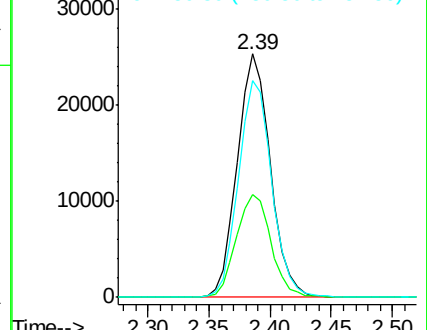
151 89.4 74.2 111.4



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: 17.00 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

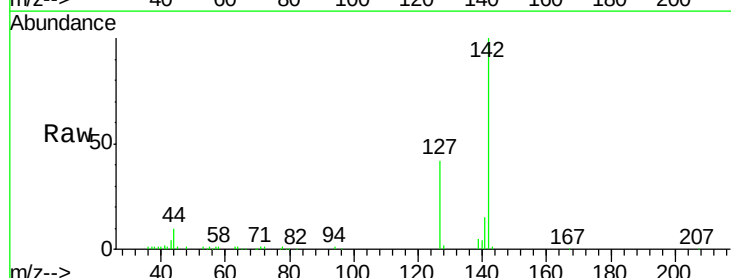
Tgt Ion:142 Resp: 34125

Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

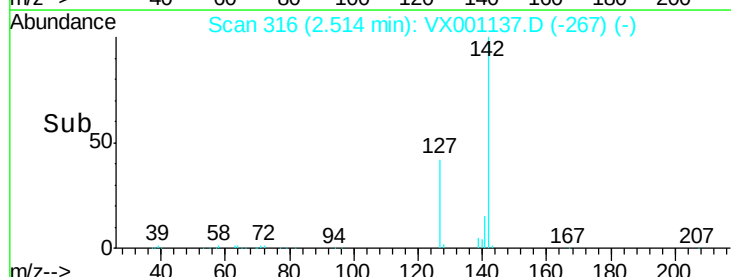
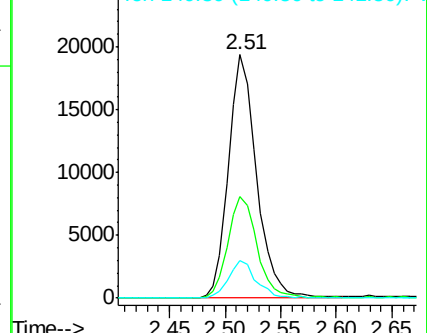
141 15.0 11.6 17.4

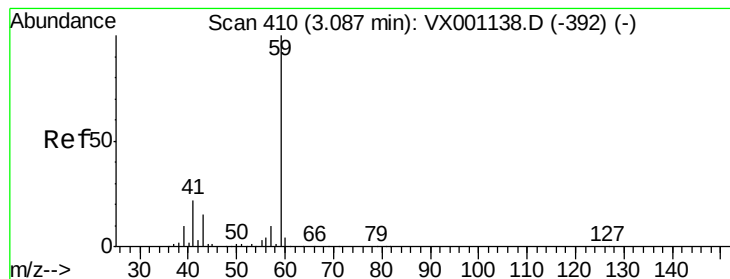


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



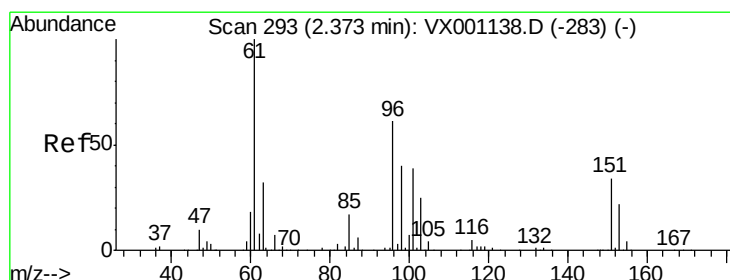
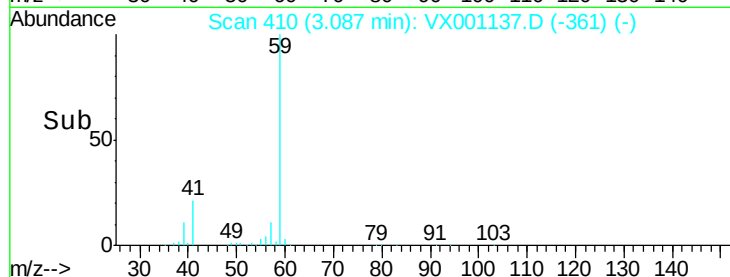
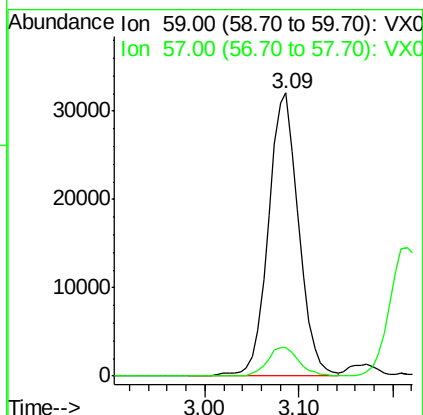
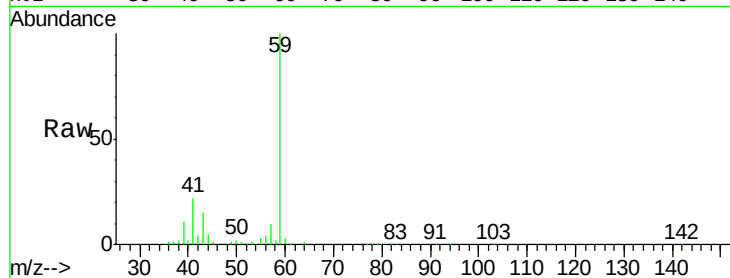


#11

Tert butyl alcohol
 Concen: 146.07 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

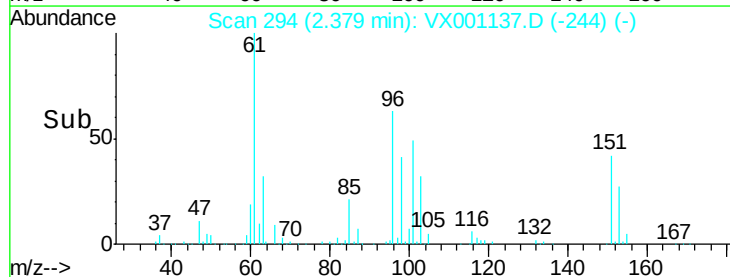
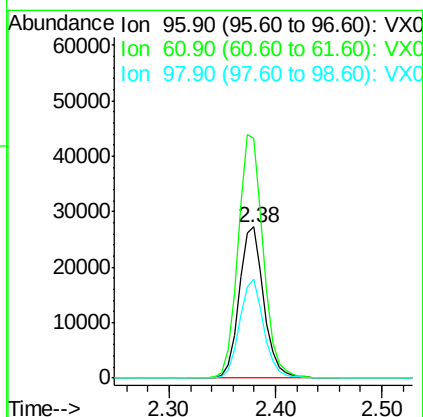
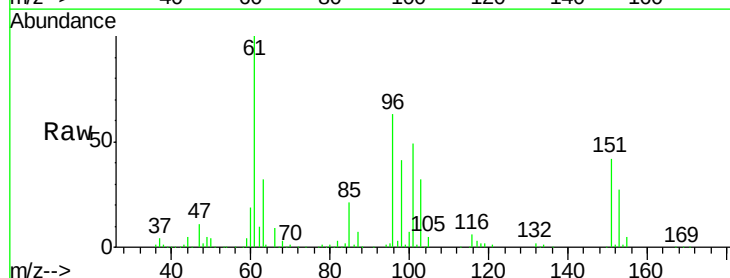
Tgt Ion: 59 Resp: 71799
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.4

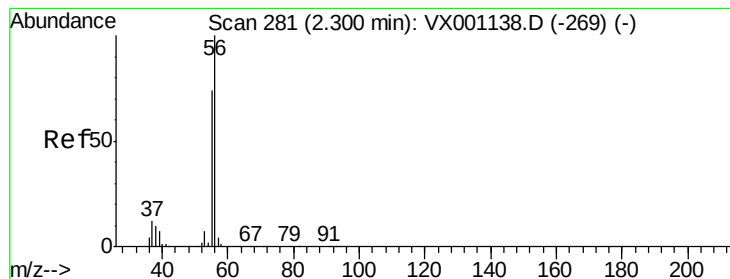


#12

1,1-Dichloroethene
 Concen: 20.02 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion: 96 Resp: 44192
 Ion Ratio Lower Upper
 96 100
 61 158.6 130.2 195.4
 98 65.7 51.5 77.3





#13

Acrolein

Concen: 144.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

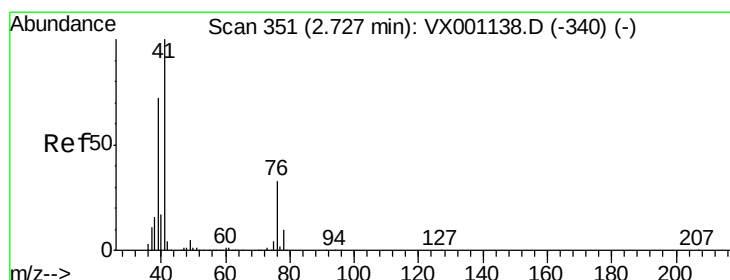
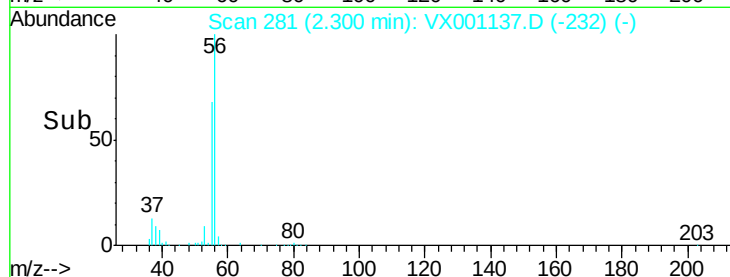
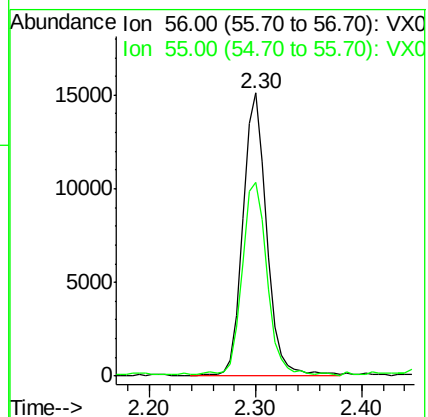
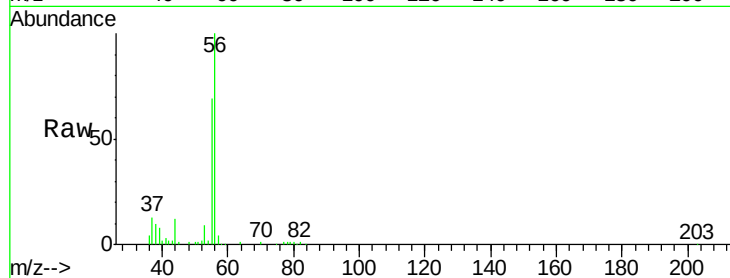
VSTDIC020

Tgt Ion: 56 Resp: 23892

Ion Ratio Lower Upper

56 100

55 70.5 57.2 85.8



#14

Allyl chloride

Concen: 20.82 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

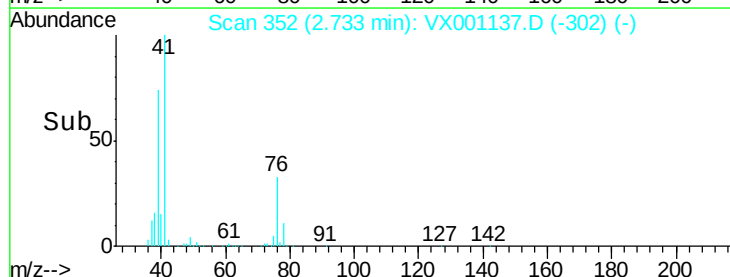
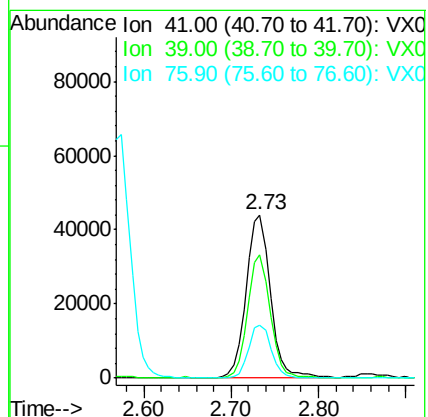
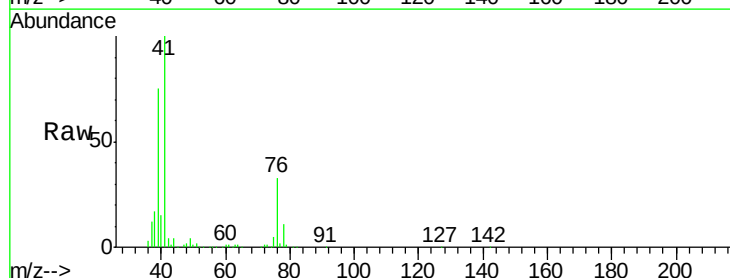
Tgt Ion: 41 Resp: 84119

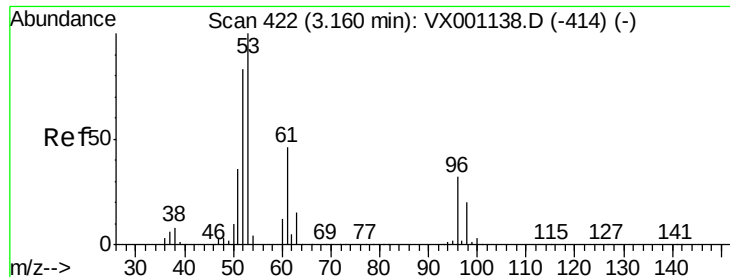
Ion Ratio Lower Upper

41 100

39 70.7 55.6 83.4

76 31.0 24.8 37.2





#15

Acrylonitrile

Concen: 118.96 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

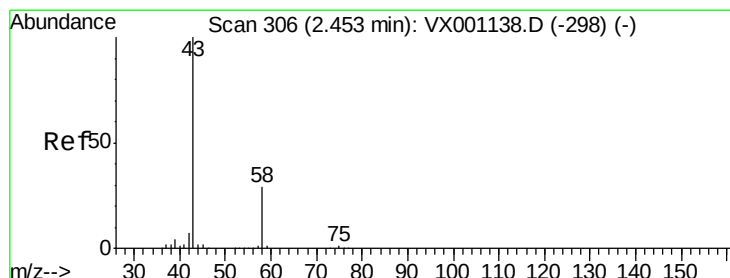
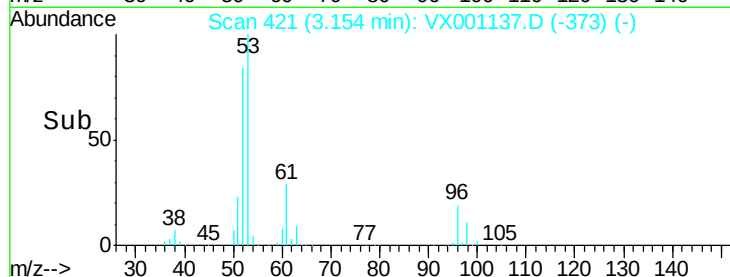
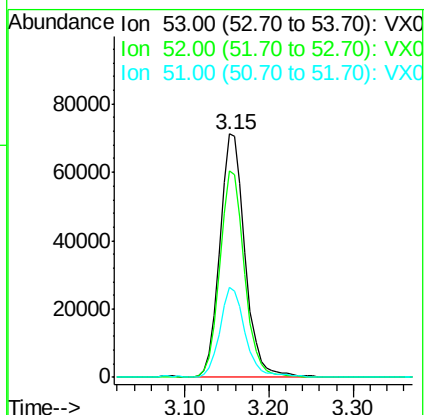
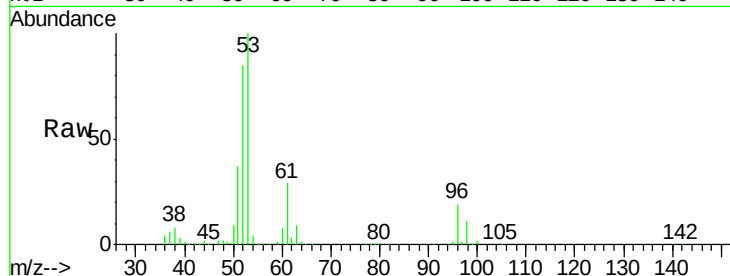
Tgt Ion: 53 Resp: 145726

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 37.3 29.5 44.3



#16

Acetone

Concen: 126.94 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001137.D

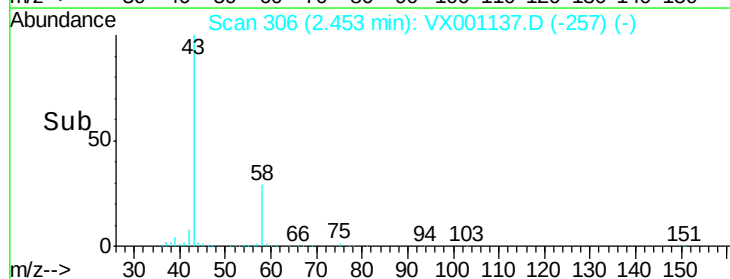
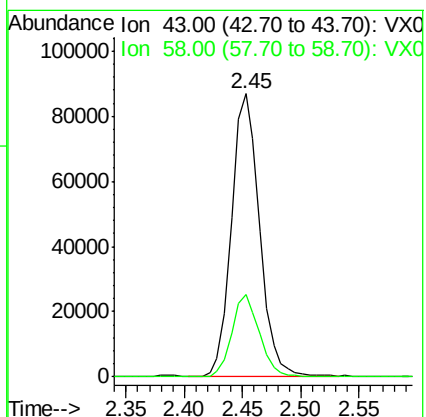
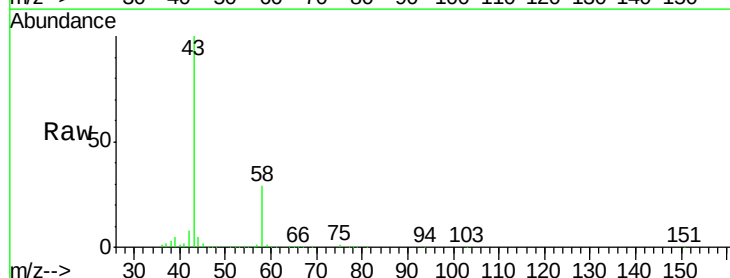
Acq: 26 Apr 2018 17:55

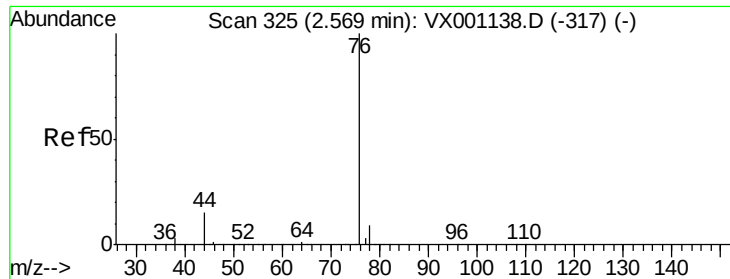
Tgt Ion: 43 Resp: 144764

Ion Ratio Lower Upper

43 100

58 28.9 23.0 34.6

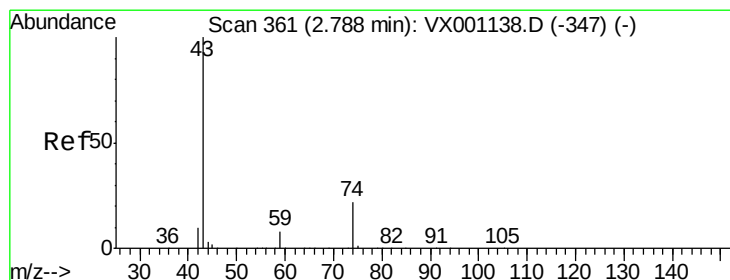
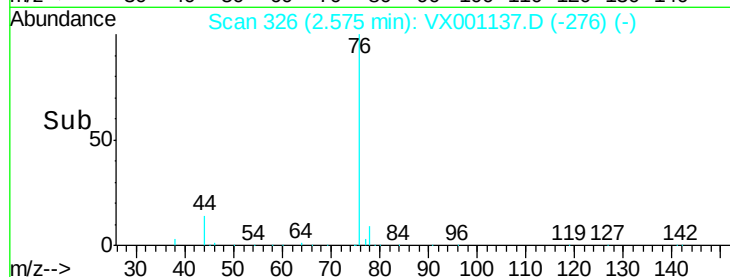
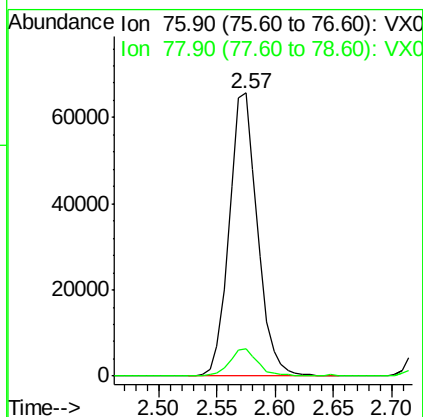
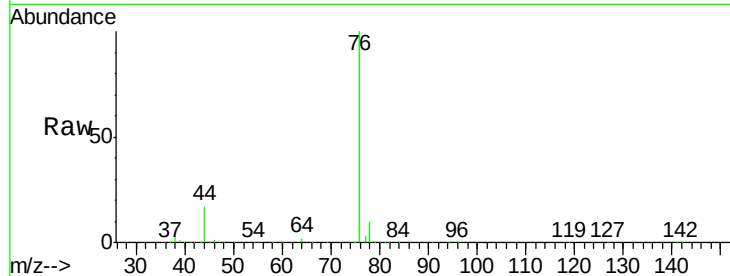




#17
Carbon Disulfide
Concen: 17.87 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

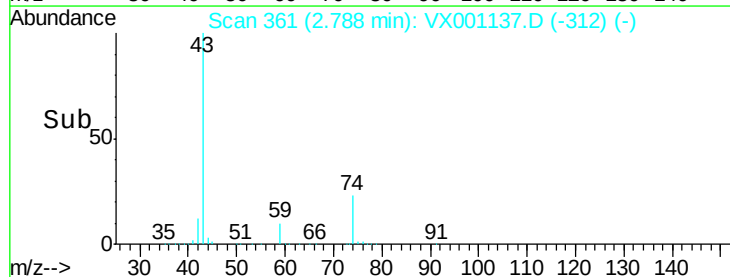
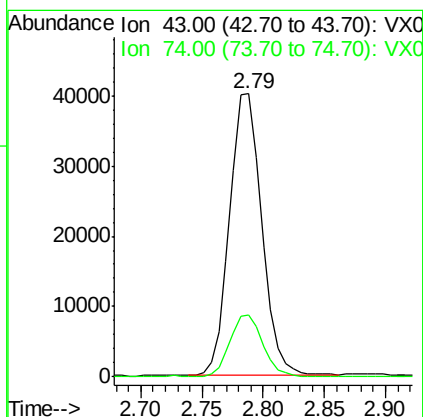
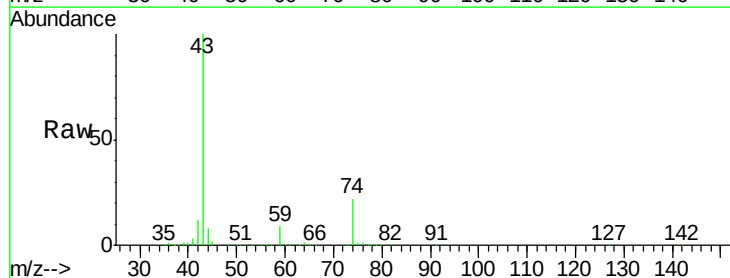
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

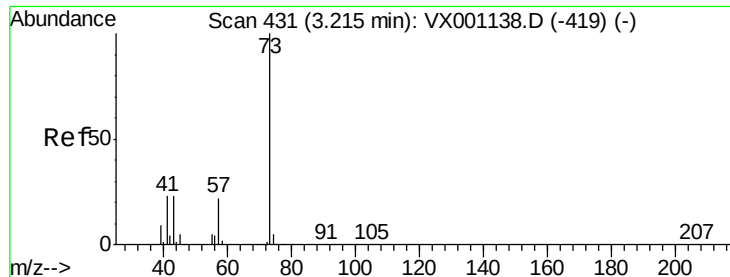
Tgt Ion: 76 Resp: 111058
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 22.06 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 43 Resp: 72963
Ion Ratio Lower Upper
43 100
74 22.7 18.1 27.1

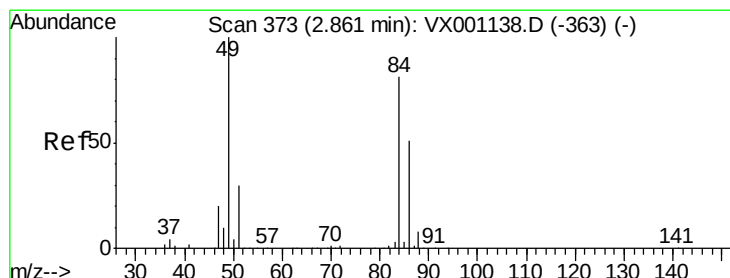
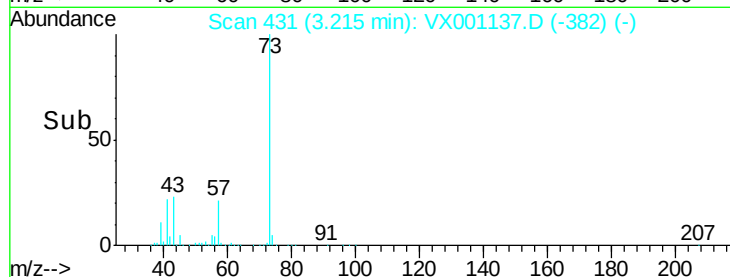
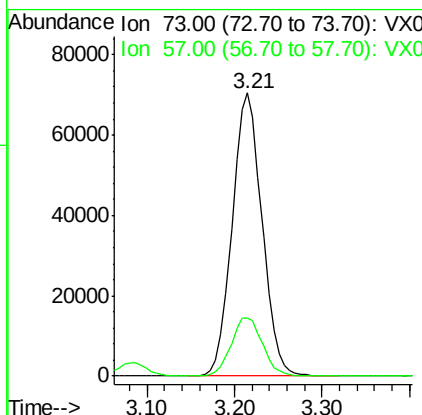
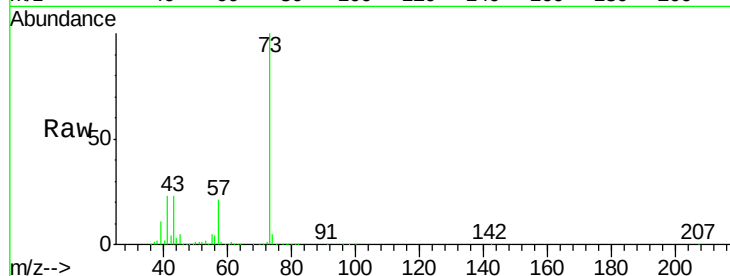




#19
Methyl tert-butyl Ether
Concen: 22.02 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

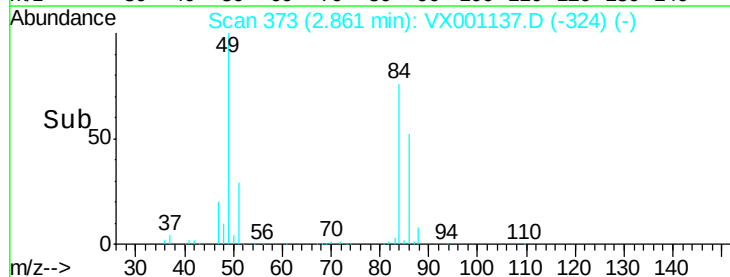
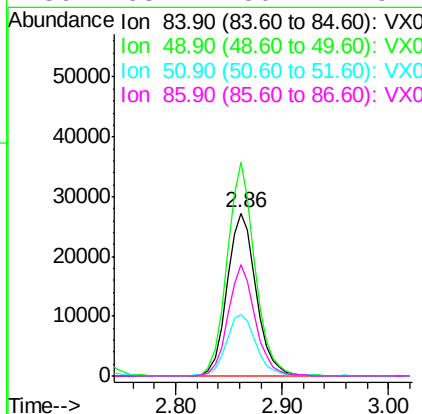
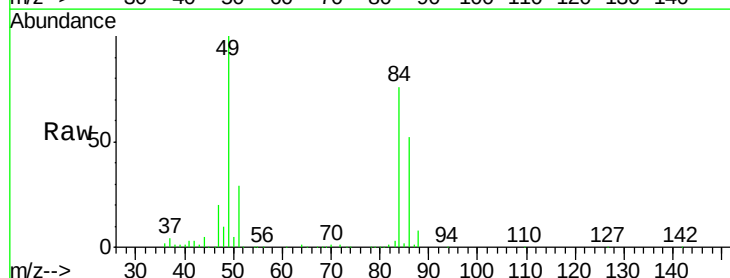
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

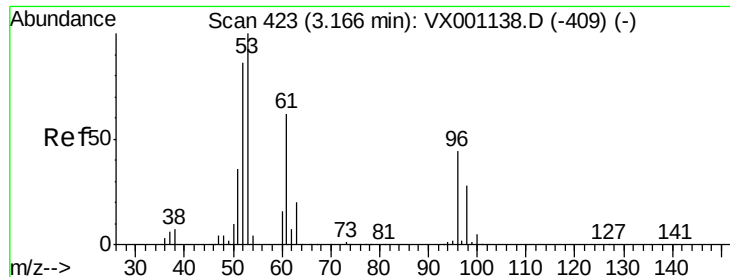
Tgt Ion: 73 Resp: 167109
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 20.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 84 Resp: 51999
Ion Ratio Lower Upper
84 100
49 131.0 99.2 148.8
51 37.5 29.5 44.3
86 68.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

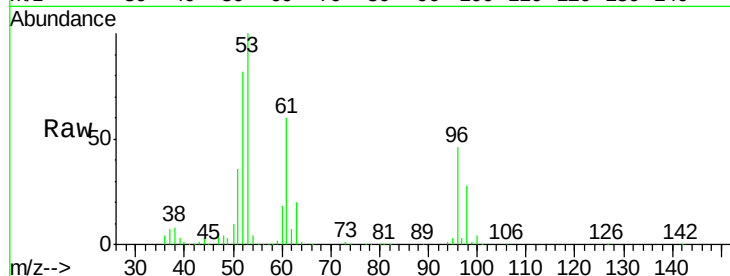
Tgt Ion: 96 Resp: 49280

Ion Ratio Lower Upper

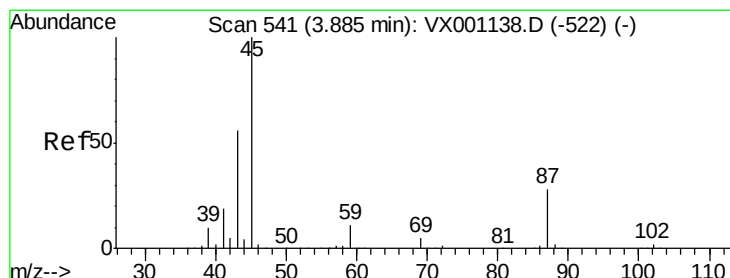
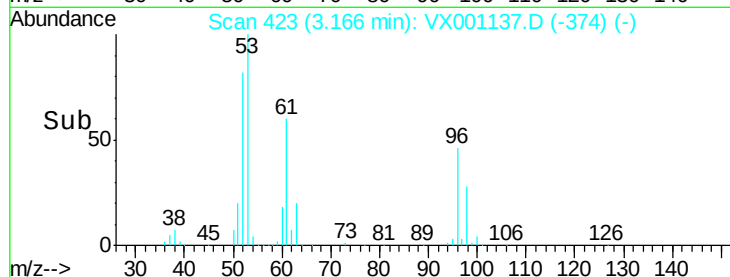
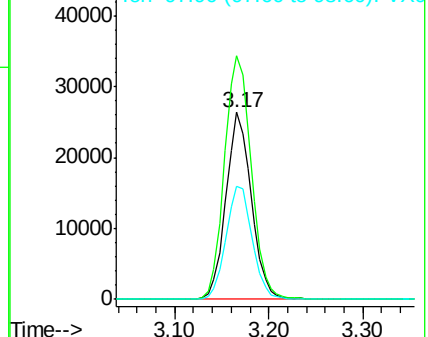
96 100

61 130.0 111.9 167.9

98 60.6 51.1 76.7



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: 20.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Tgt Ion: 45 Resp: 162468

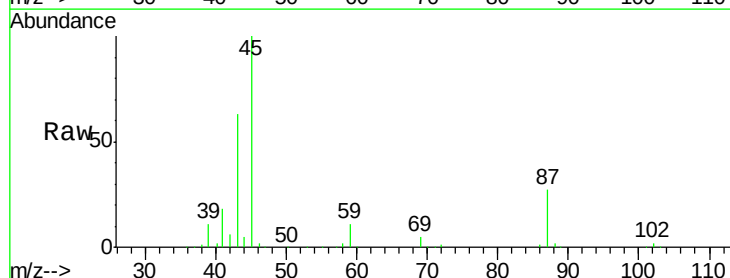
Ion Ratio Lower Upper

45 100

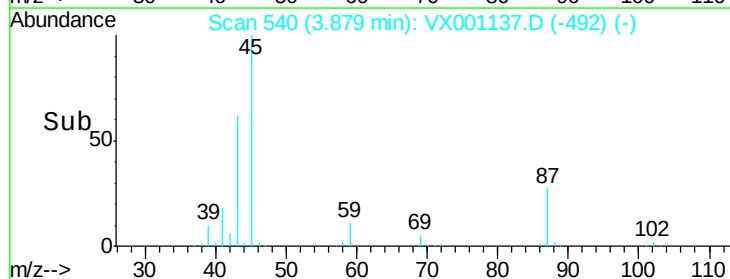
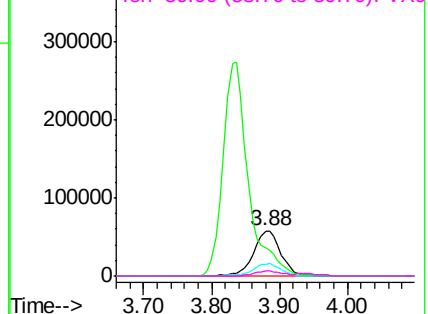
43 62.3 45.0 67.4

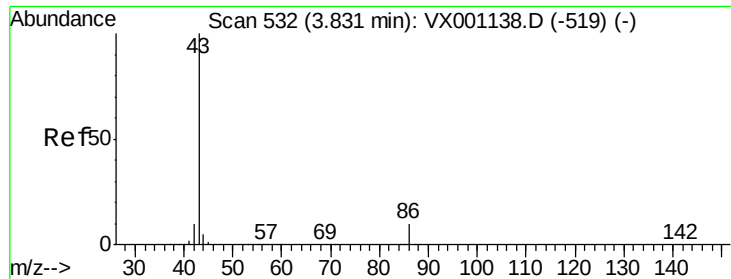
87 26.9 22.8 34.2

59 11.3 9.0 13.6



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: 108.53 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

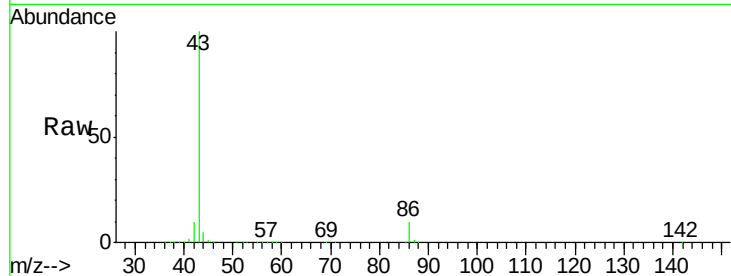
VSTDIC020

Tgt Ion: 43 Resp: 712139

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

300000

250000

200000

150000

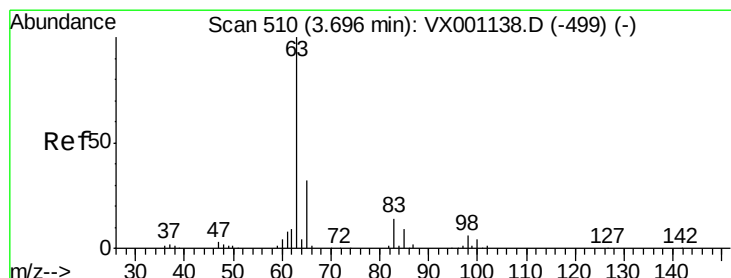
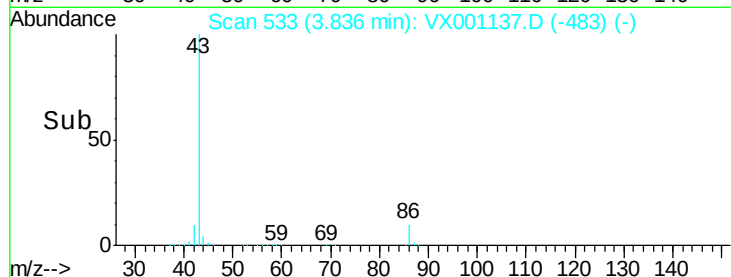
100000

50000

0

Time-->

3.70 3.80 3.90 4.00 4.10



#24

1,1-Dichloroethane

Concen: 19.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

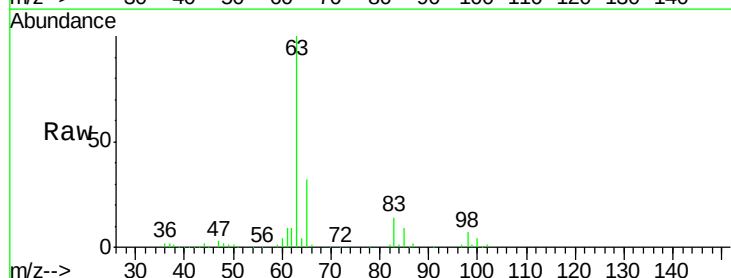
Tgt Ion: 63 Resp: 85830

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

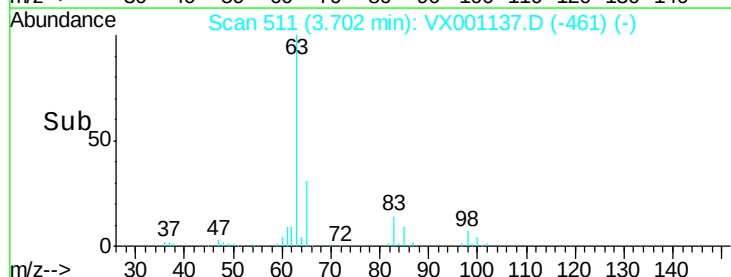
20000

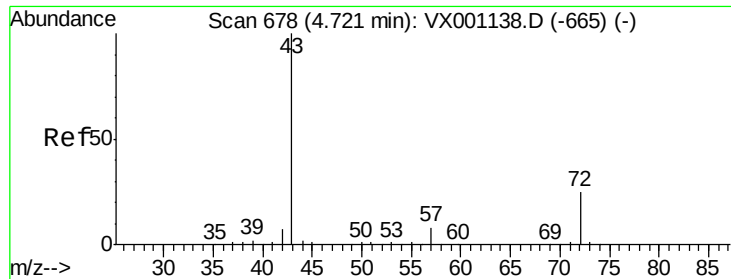
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 120.24 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

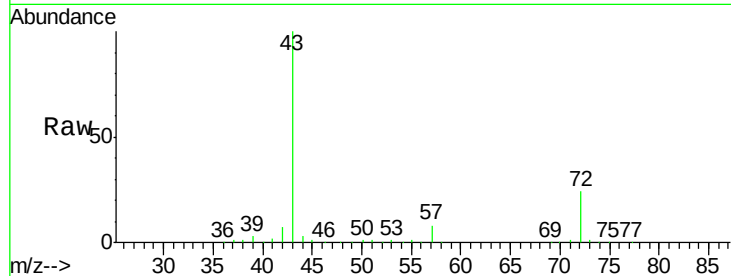
VSTDIC020

Tgt Ion: 43 Resp: 212932

Ion Ratio Lower Upper

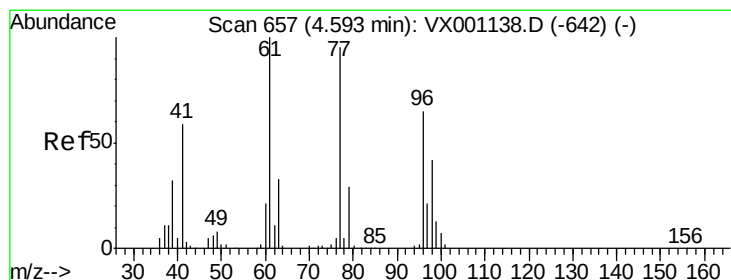
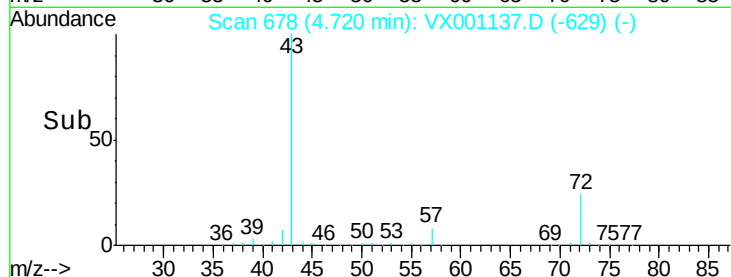
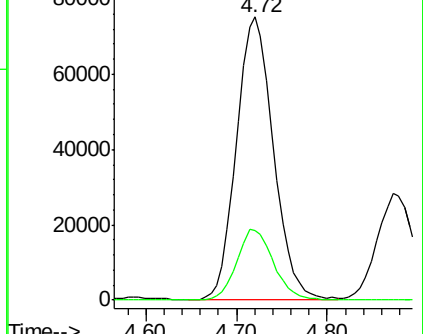
43 100

72 24.5 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001137.D

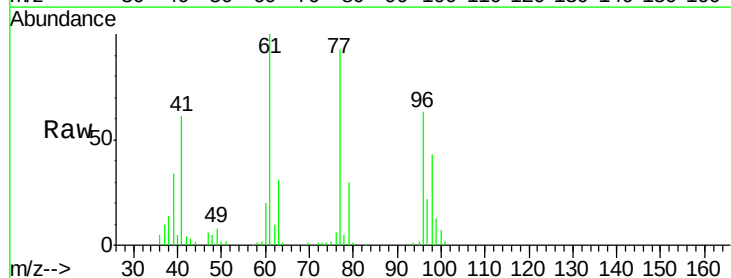
Acq: 26 Apr 2018 17:55

Tgt Ion: 77 Resp: 67648

Ion Ratio Lower Upper

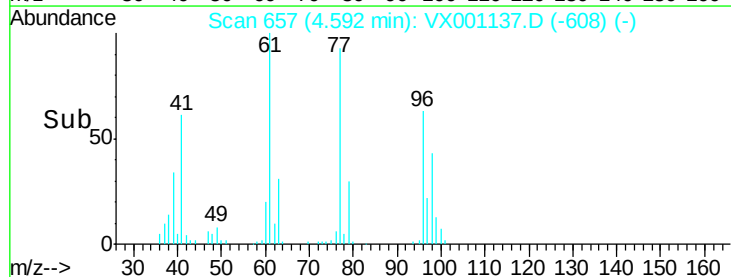
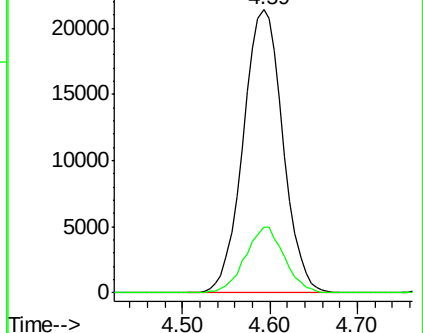
77 100

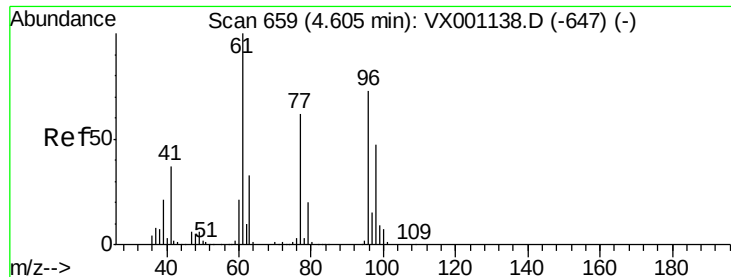
97 22.9 11.4 34.2



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: 19.84 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

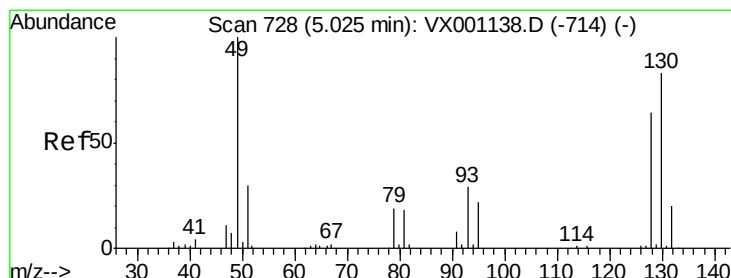
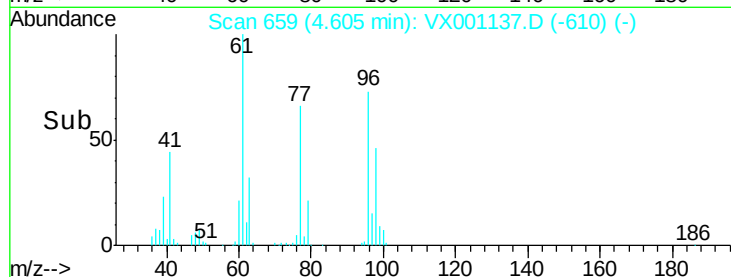
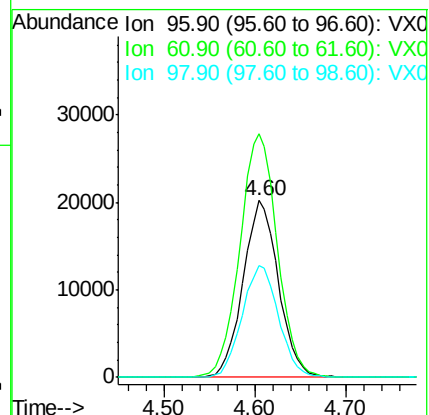
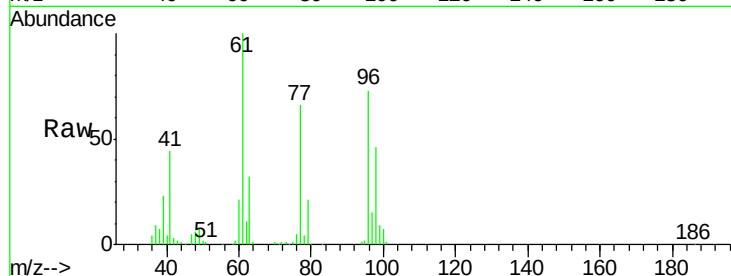
Tgt Ion: 96 Resp: 54528

Ion Ratio Lower Upper

96 100

61 145.9 0.0 289.0

98 65.2 0.0 128.2



#28

Bromochloromethane

Concen: 23.28 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

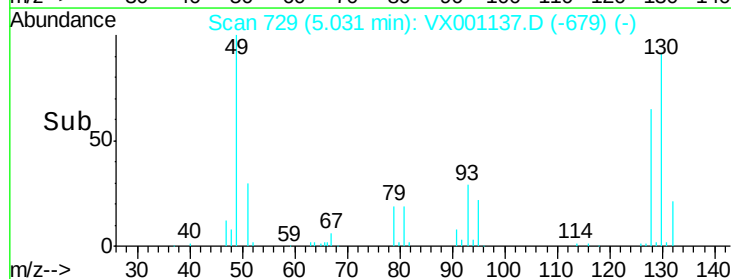
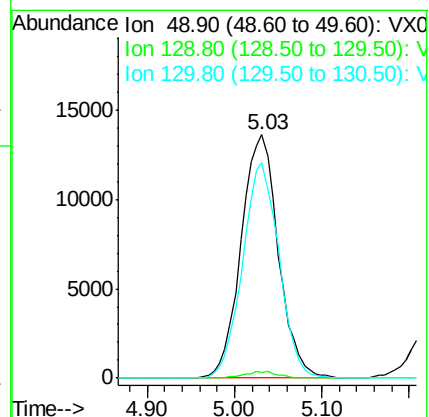
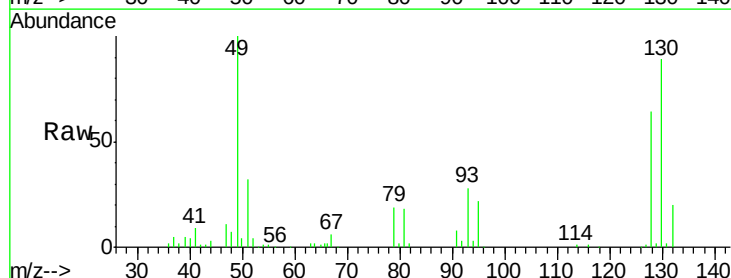
Tgt Ion: 49 Resp: 40316

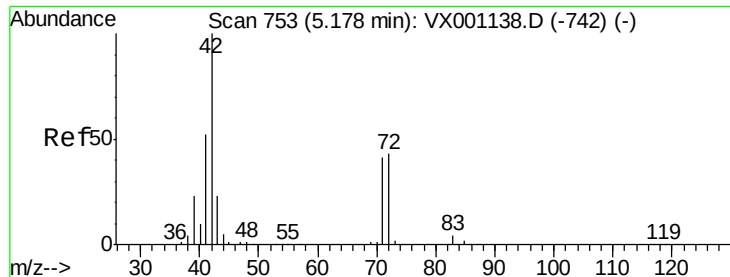
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 86.5 68.2 102.2

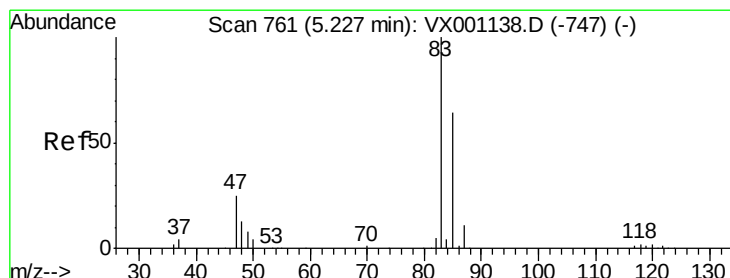
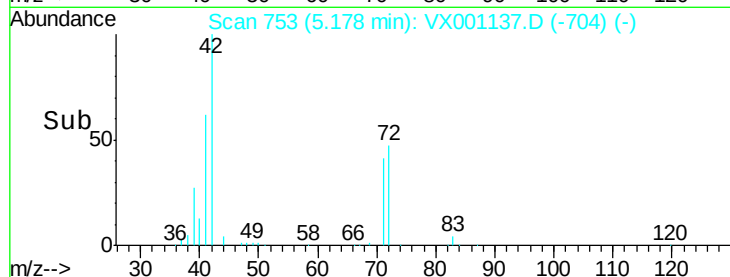
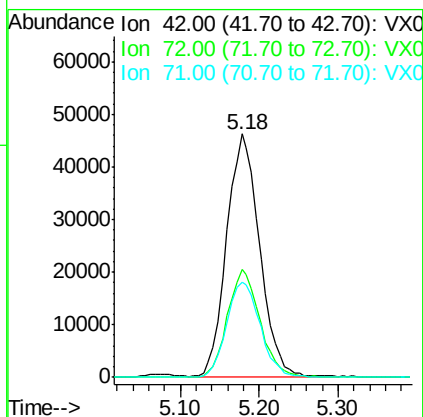
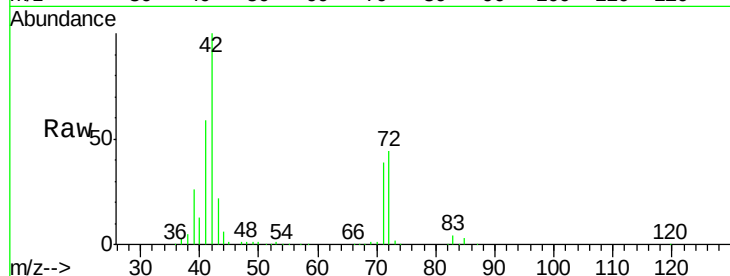




#29
Tetrahydrofuran
Concen: 119.83 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

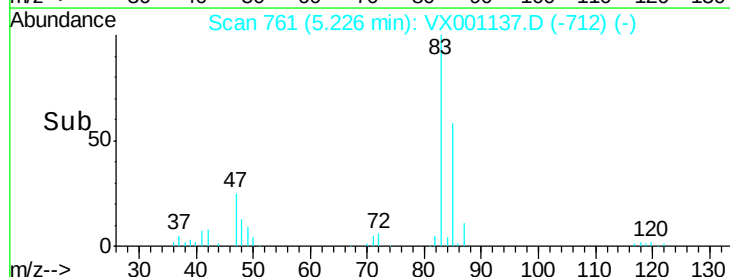
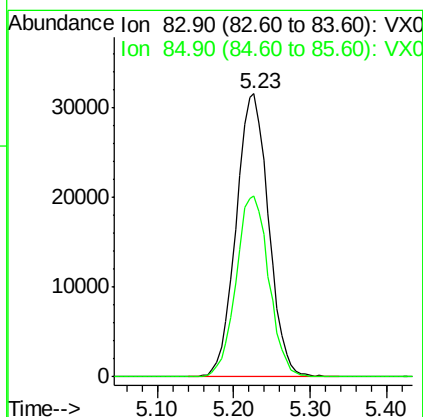
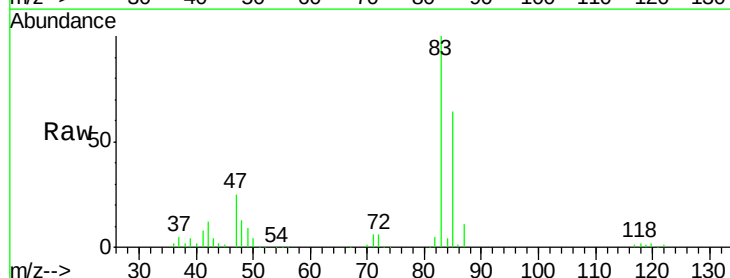
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

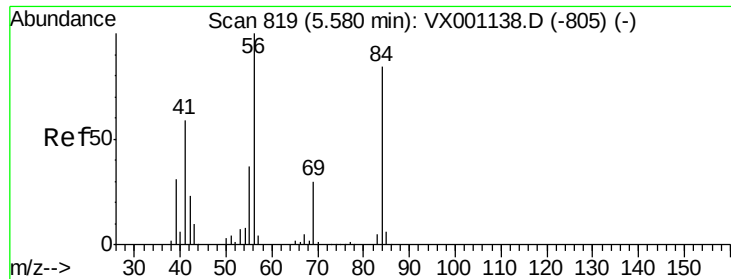
Tgt Ion: 42 Resp: 134276
Ion Ratio Lower Upper
42 100
72 44.0 34.4 51.6
71 40.1 32.1 48.1



#30
Chloroform
Concen: 20.60 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 83 Resp: 93188
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0





#31

Cyclohexane

Concen: 18.46 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

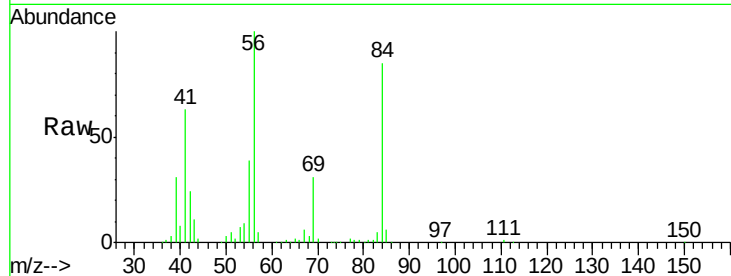
Tgt Ion: 56 Resp: 73767

Ion Ratio Lower Upper

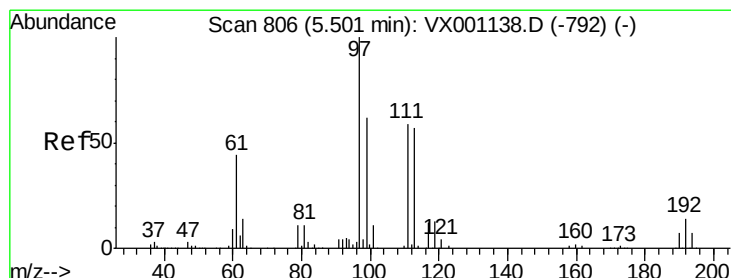
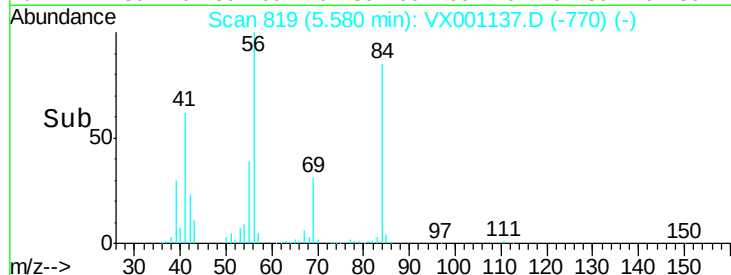
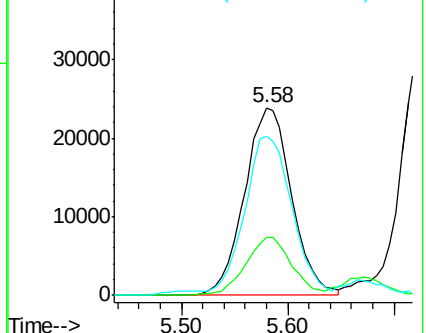
56 100

69 30.9 24.2 36.2

84 82.5 67.5 101.3



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



#32

1,1,1-Trichloroethane

Concen: 19.28 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

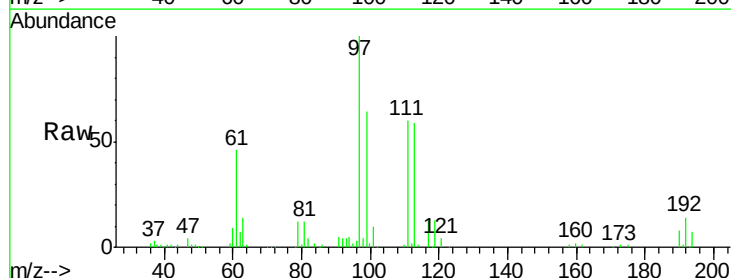
Tgt Ion: 97 Resp: 77743

Ion Ratio Lower Upper

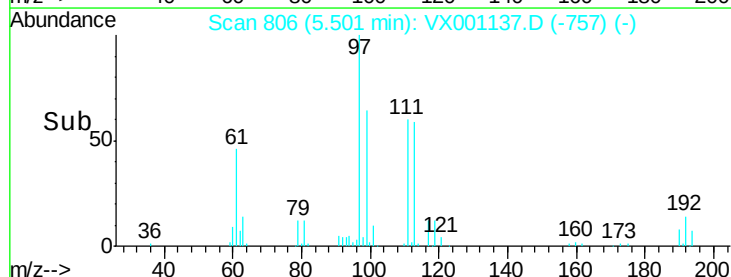
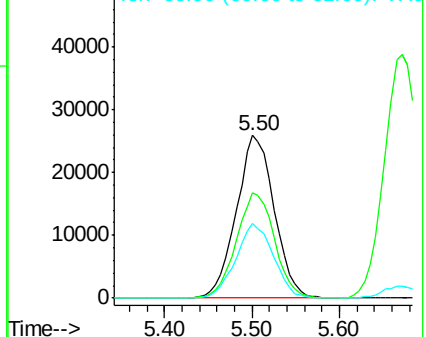
97 100

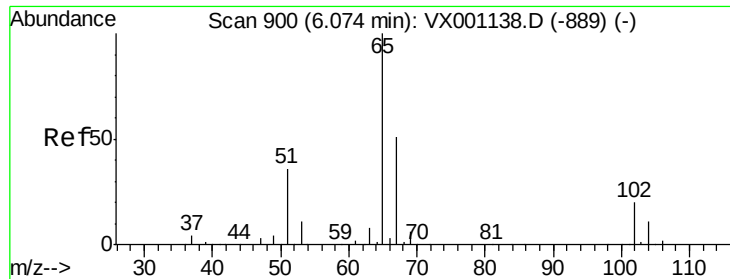
99 65.3 50.9 76.3

61 46.0 35.0 52.6



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

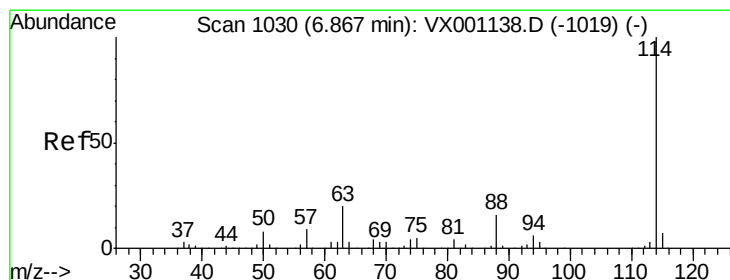
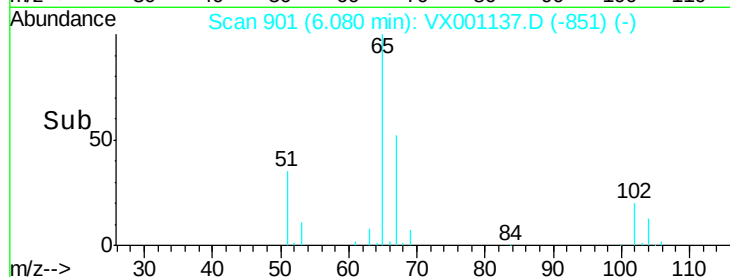
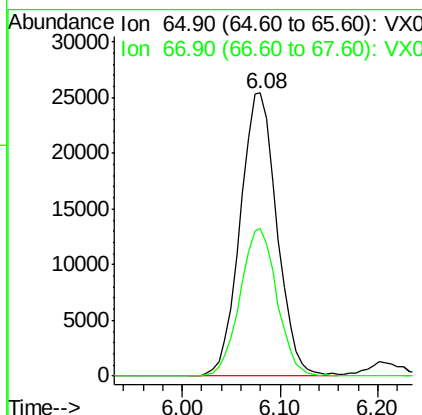
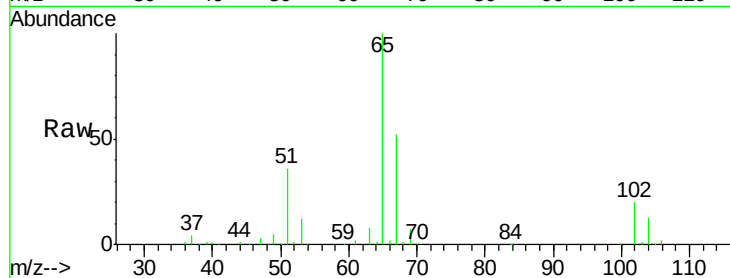




#33
 1,2-Dichloroethane-d4
 Concen: 22.43 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

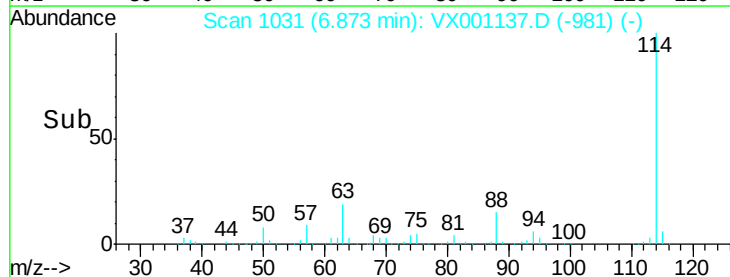
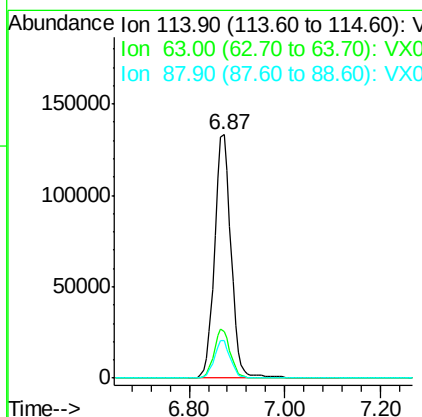
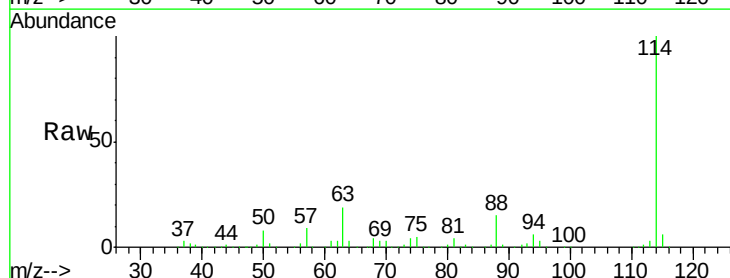
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

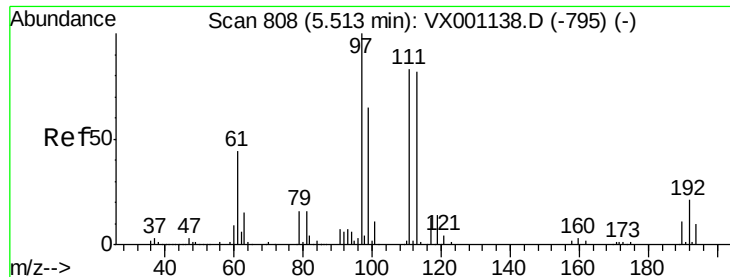
Tgt Ion: 65 Resp: 66376
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion: 114 Resp: 317862
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 21.02 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

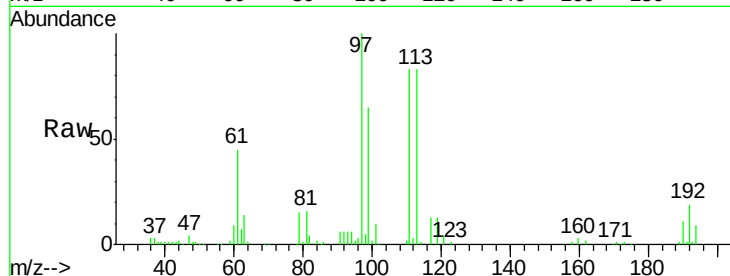
Tgt Ion:113 Resp: 51562

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

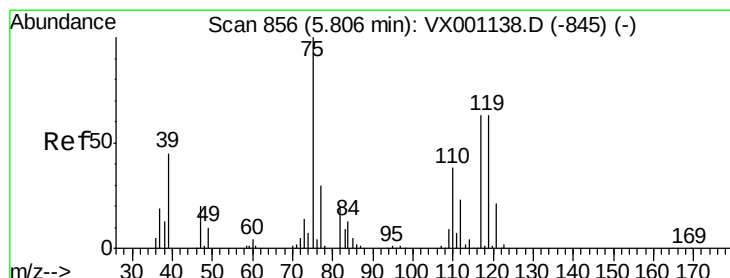
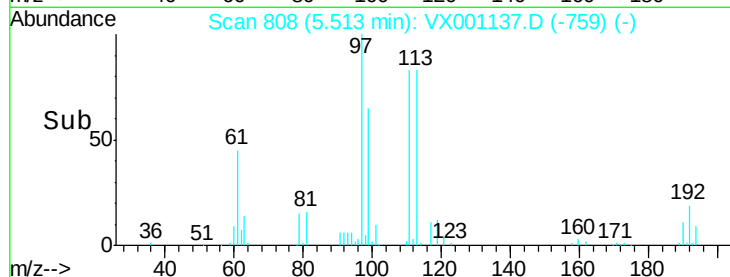
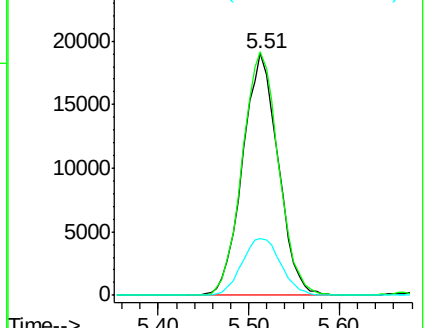
192 25.8 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.79 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

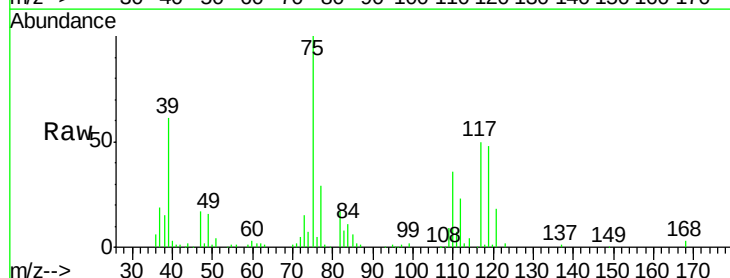
Tgt Ion: 75 Resp: 65513

Ion Ratio Lower Upper

75 100

110 37.2 19.0 57.0

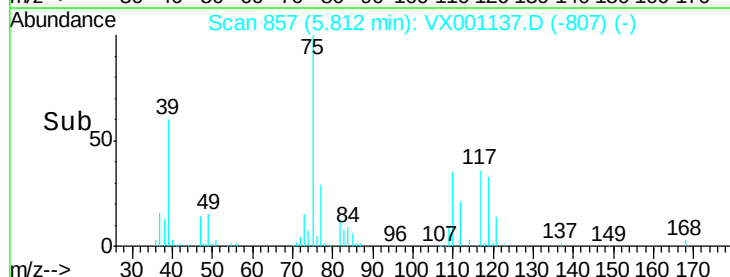
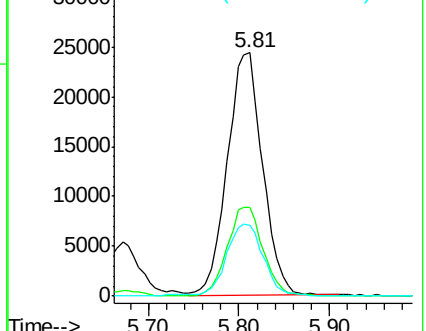
77 30.9 24.8 37.2

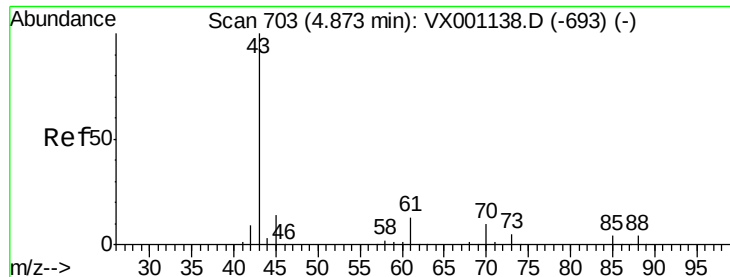


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

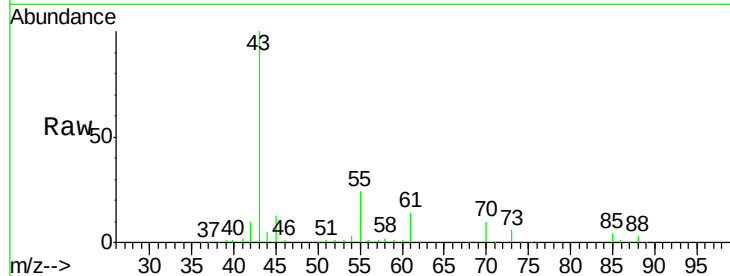




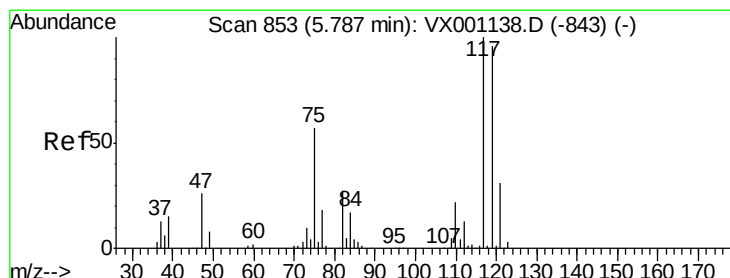
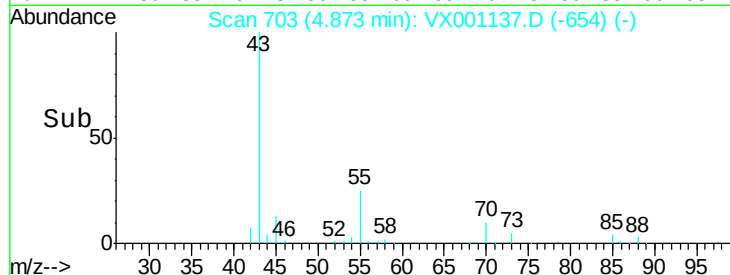
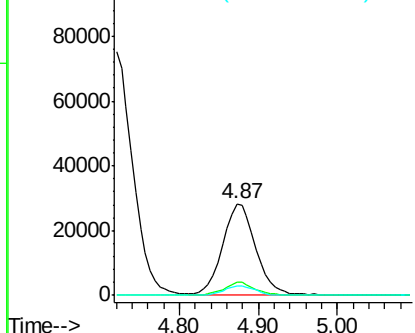
#37
Ethyl Acetate
Concen: 23.08 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 81811
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 10.2 8.2 12.2

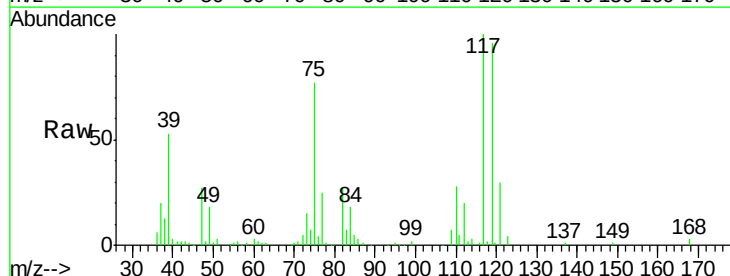


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

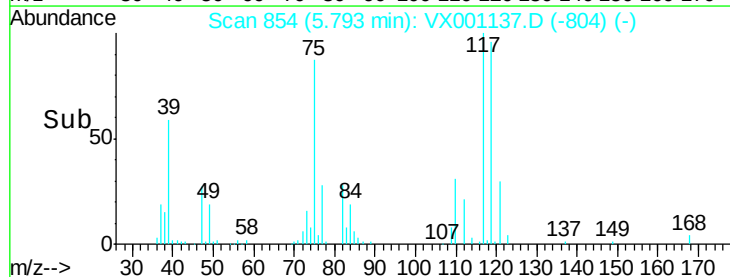
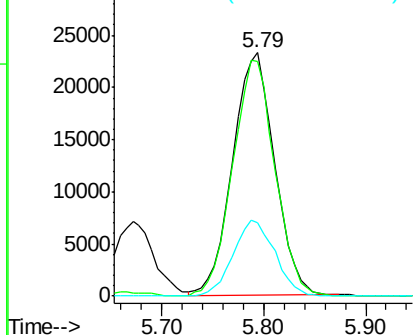


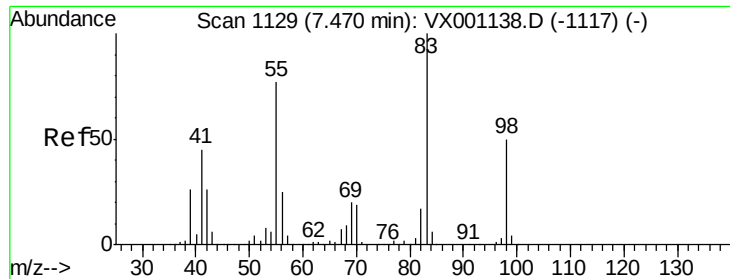
#38
Carbon Tetrachloride
Concen: 17.81 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 117 Resp: 66562
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 30.5 24.6 37.0



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

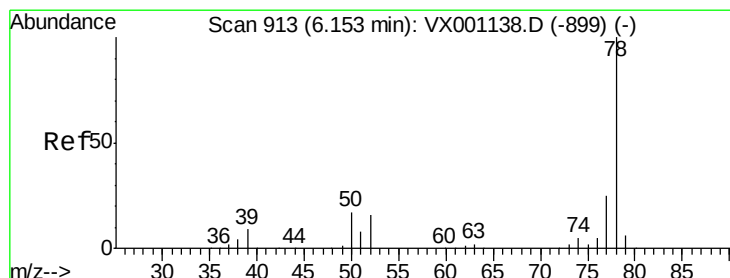
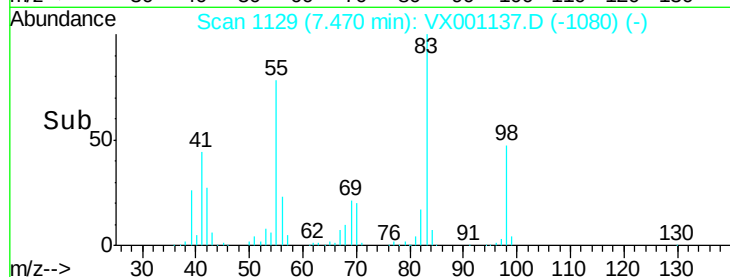
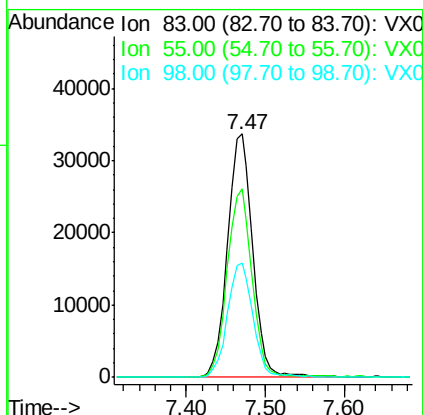
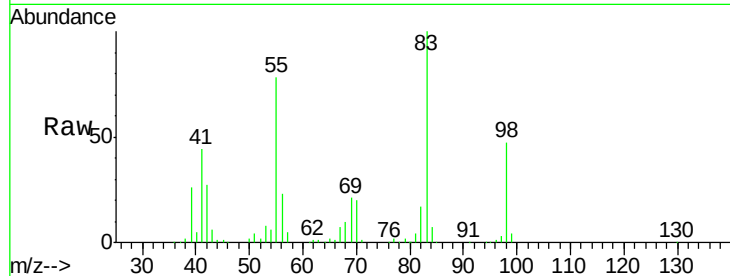




#39
Methylcyclohexane
Concen: 17.64 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

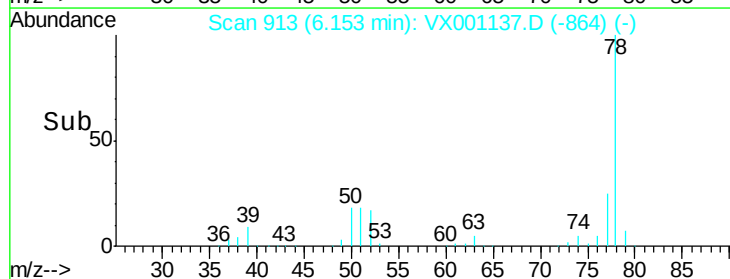
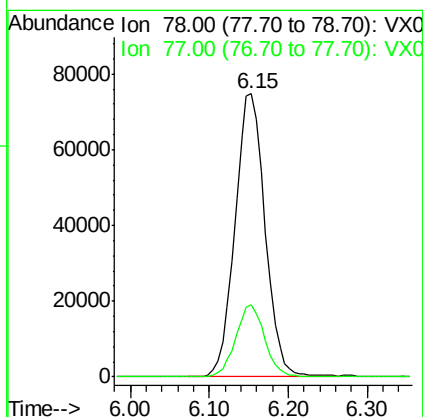
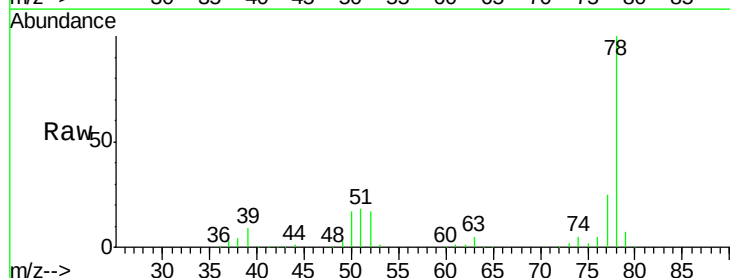
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

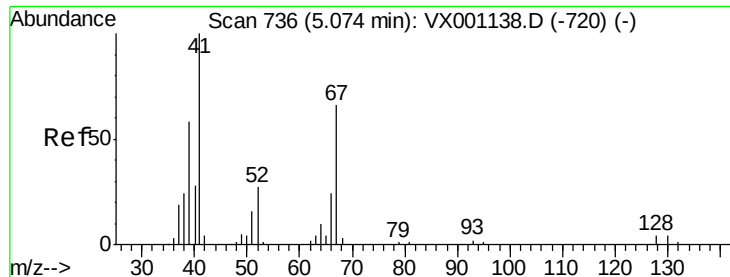
Tgt Ion: 83 Resp: 74981
Ion Ratio Lower Upper
83 100
55 77.5 61.8 92.6
98 47.0 40.0 60.0



#40
Benzene
Concen: 19.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 78 Resp: 198526
Ion Ratio Lower Upper
78 100
77 25.3 19.7 29.5

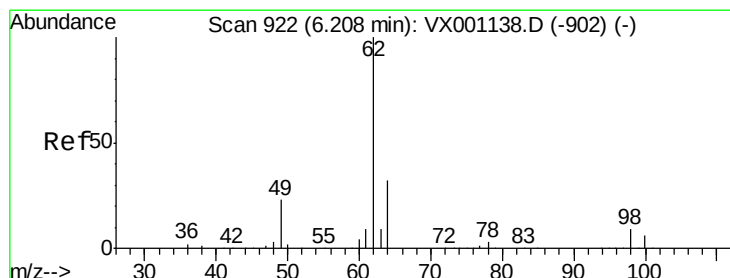
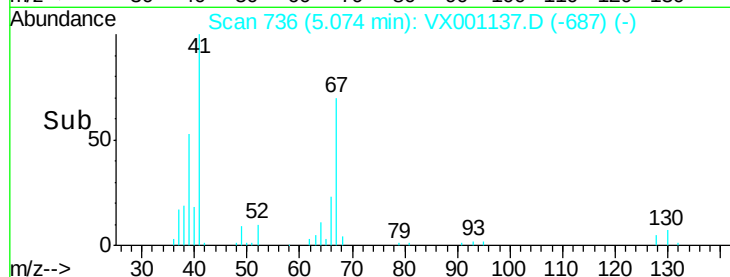
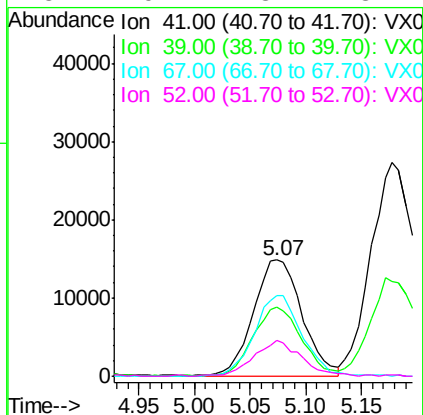
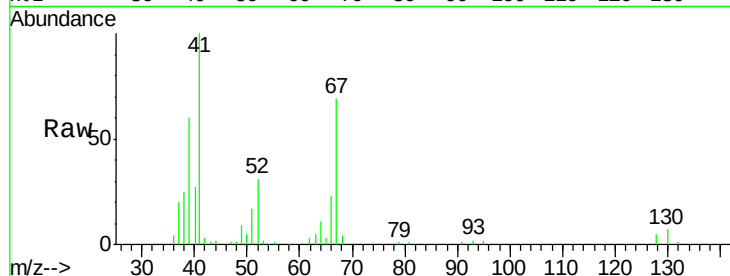




#41
Methacrylonitrile
Concen: 20.50 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

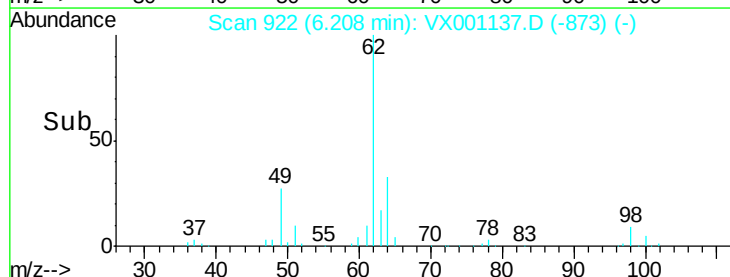
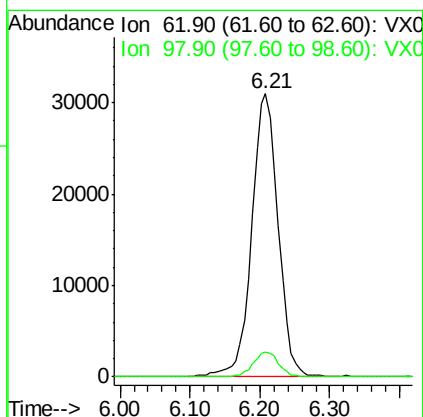
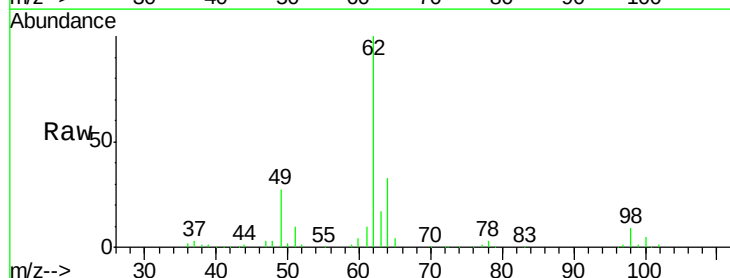
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

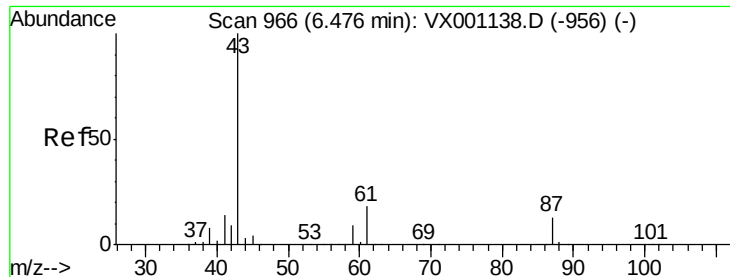
Tgt Ion:	41	Resp:	44845
Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.9	68.9
67	68.4	53.2	79.8
52	29.1	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.20 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion:	62	Resp:	81018
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 20.92 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

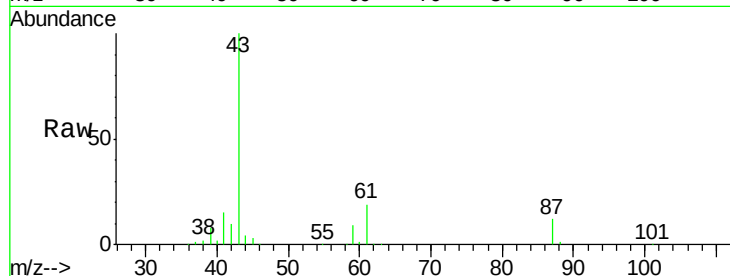
Tgt Ion: 43 Resp: 125864

Ion Ratio Lower Upper

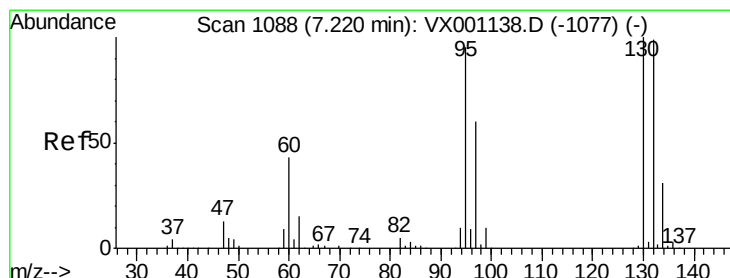
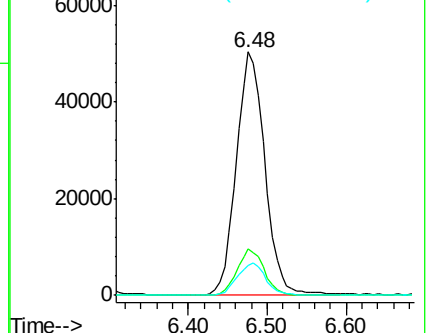
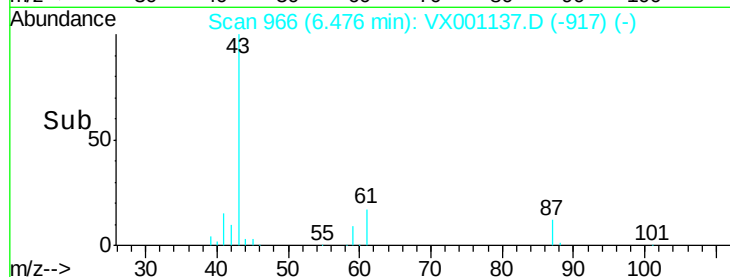
43 100

61 18.3 15.0 22.6

87 13.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX001137.D (-917) (-)



#44

Trichloroethene

Concen: 18.71 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001137.D

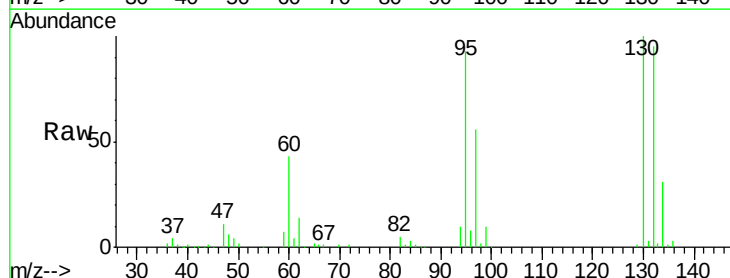
Acq: 26 Apr 2018 17:55

Tgt Ion: 130 Resp: 58836

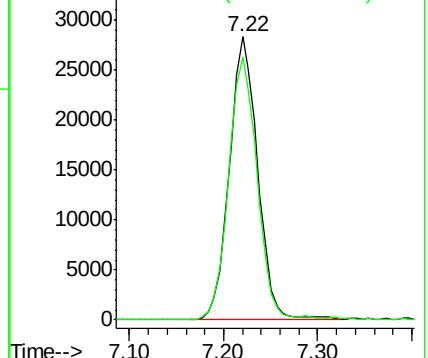
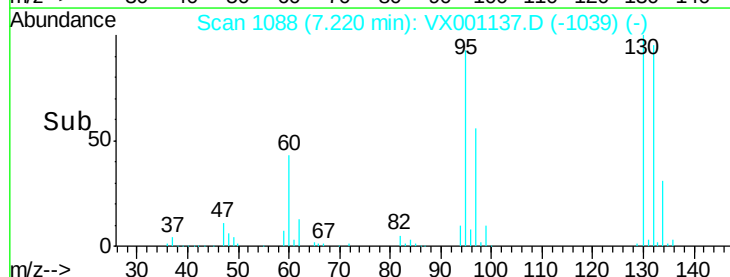
Ion Ratio Lower Upper

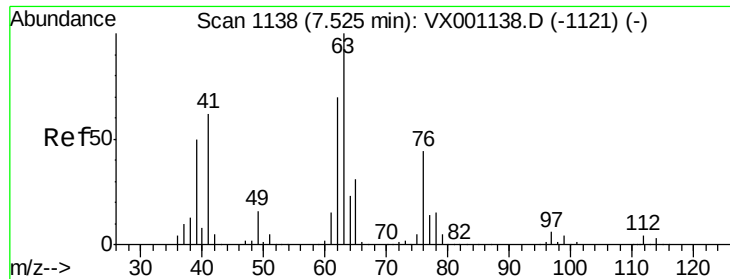
130 100

95 93.0 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001137.D (-1039) (-)

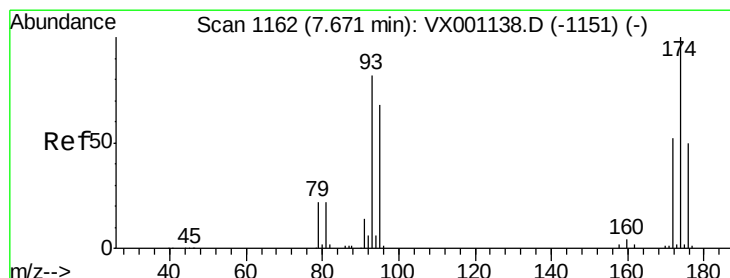
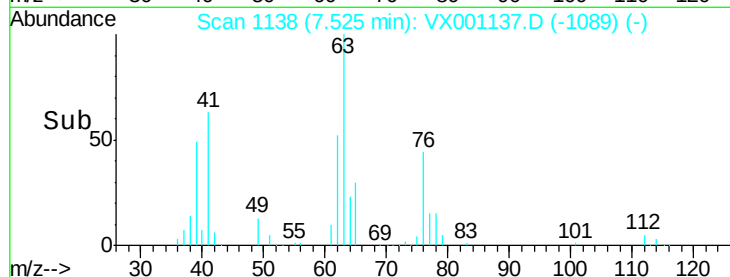
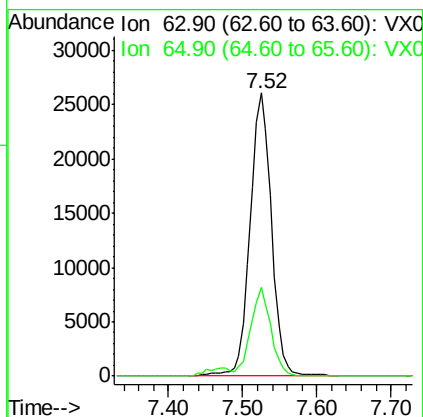
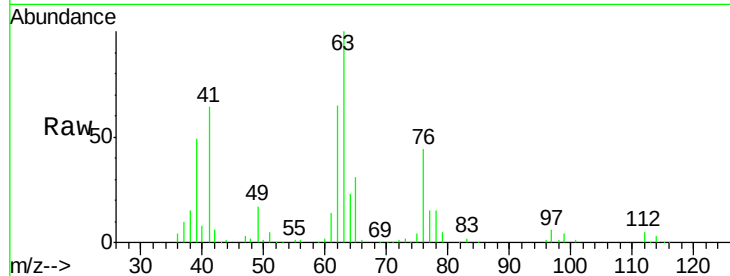




#45
 1,2-Dichloropropane
 Concen: 20.20 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

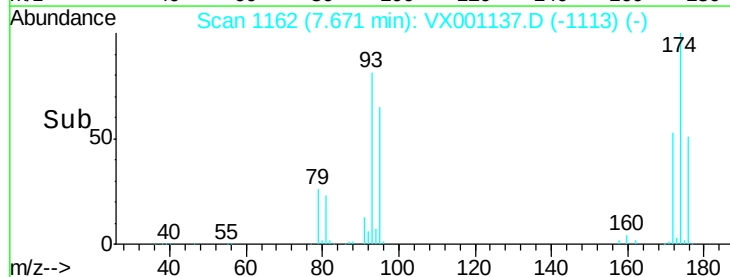
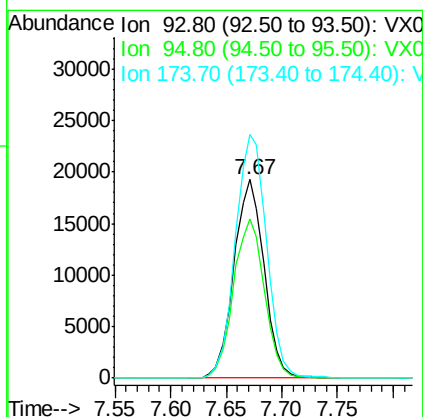
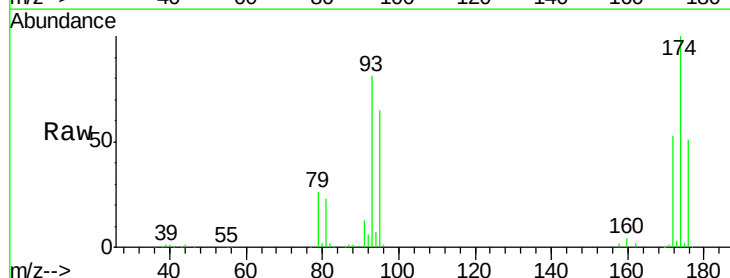
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

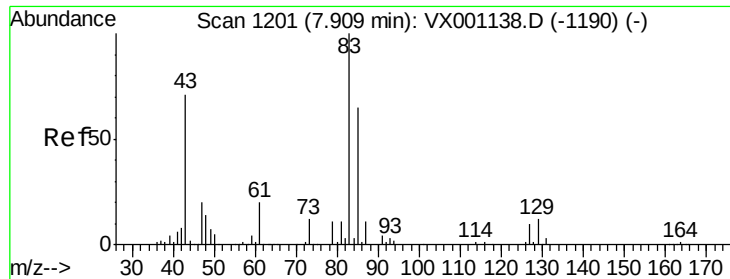
Tgt Ion: 63 Resp: 52800
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3



#46
 Dibromomethane
 Concen: 19.61 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion: 93 Resp: 35979
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 127.3 99.6 149.4





#47

Bromodichloromethane

Concen: 19.31 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

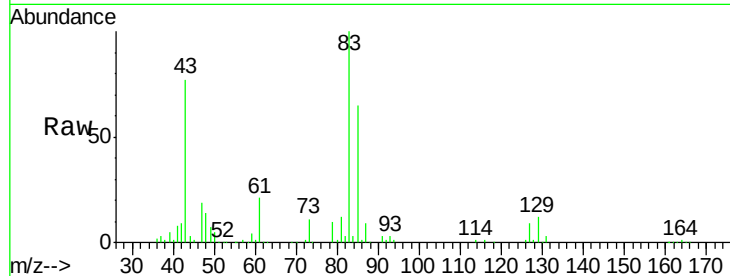
Tgt Ion: 83 Resp: 65226

Ion Ratio Lower Upper

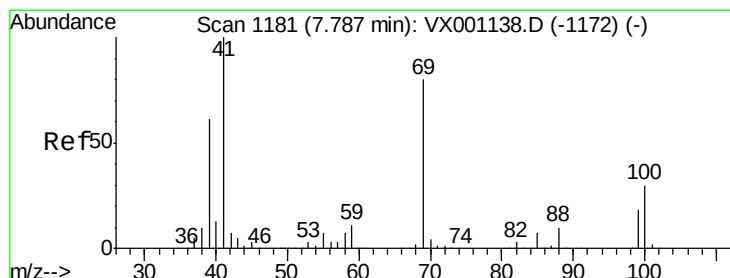
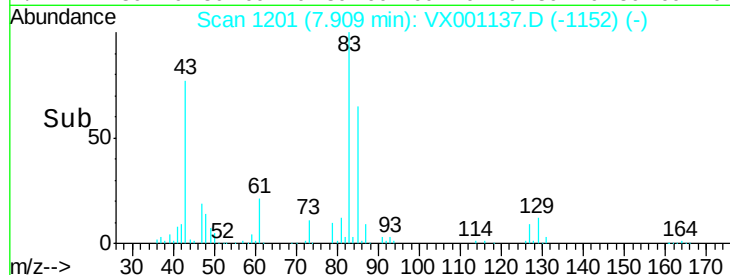
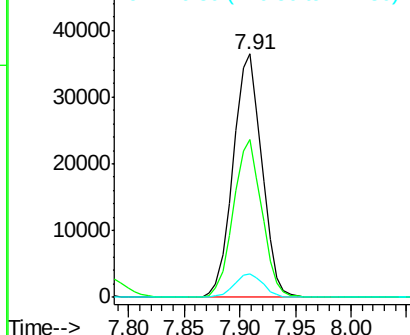
83 100

85 65.0 51.9 77.9

127 9.4 7.7 11.5



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: 20.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

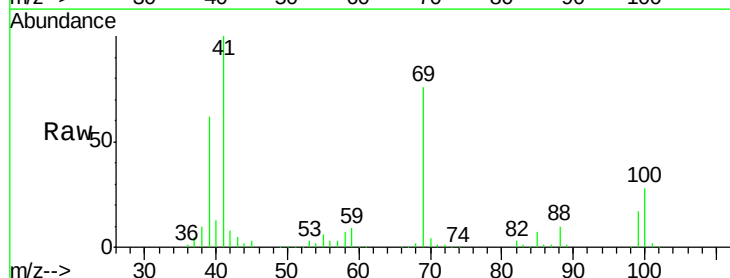
Tgt Ion: 41 Resp: 67550

Ion Ratio Lower Upper

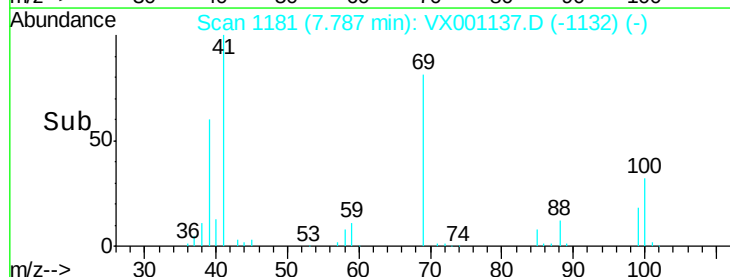
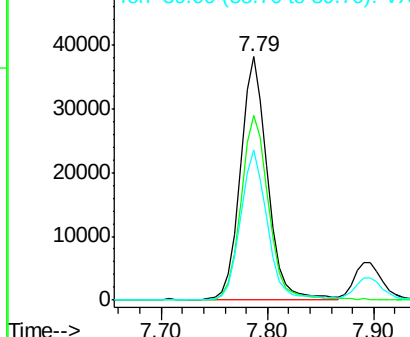
41 100

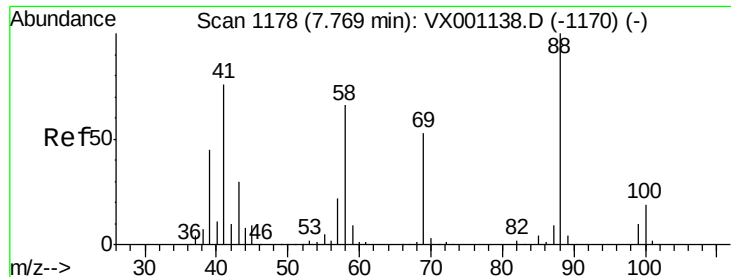
69 78.3 62.4 93.6

39 60.8 48.7 73.1



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

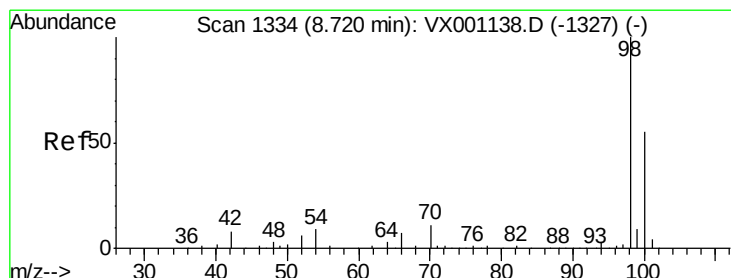
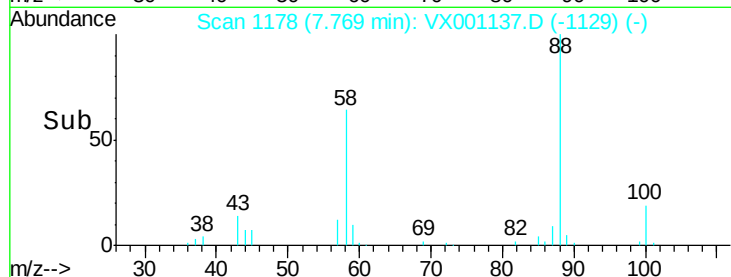
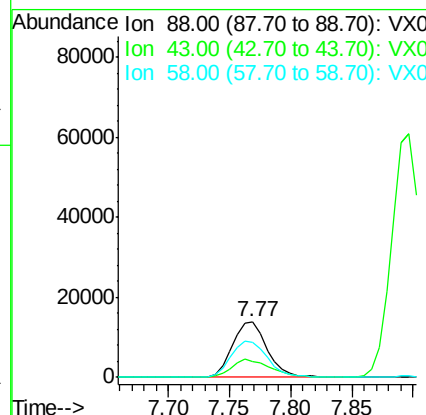
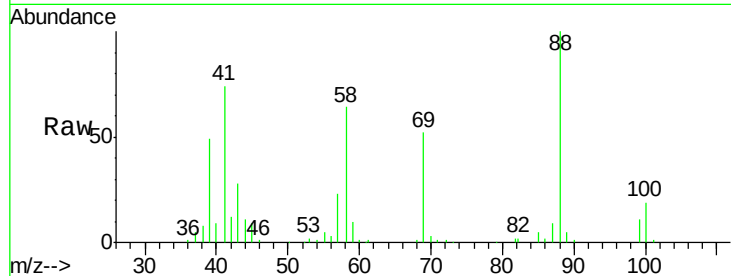




#49
1,4-Dioxane
Concen: 528.61 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

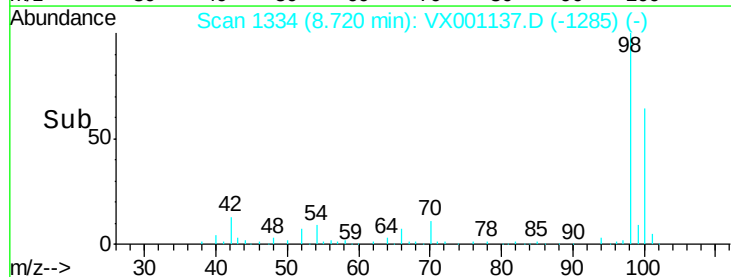
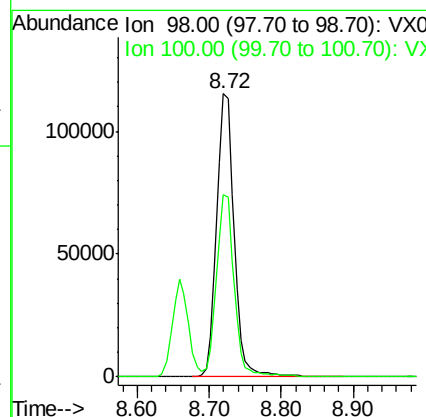
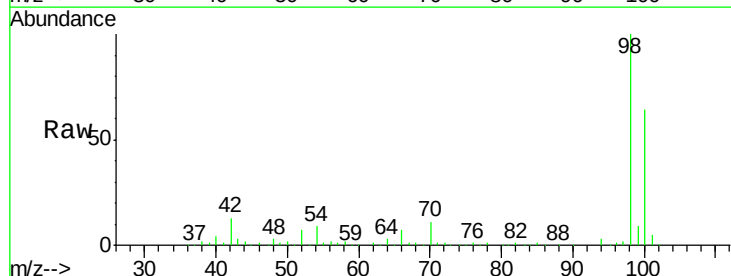
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

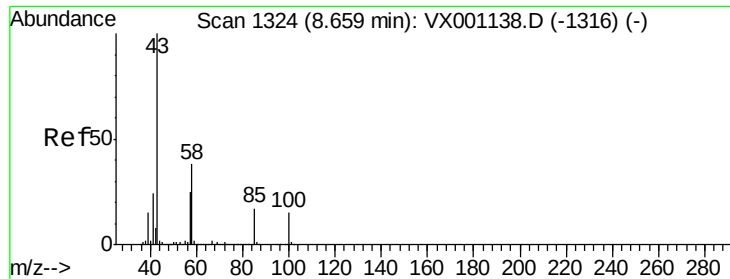
Tgt Ion: 88 Resp: 27151
Ion Ratio Lower Upper
88 100
43 37.2 27.3 40.9
58 69.1 54.2 81.4



#50
Toluene-d8
Concen: 21.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 98 Resp: 193711
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

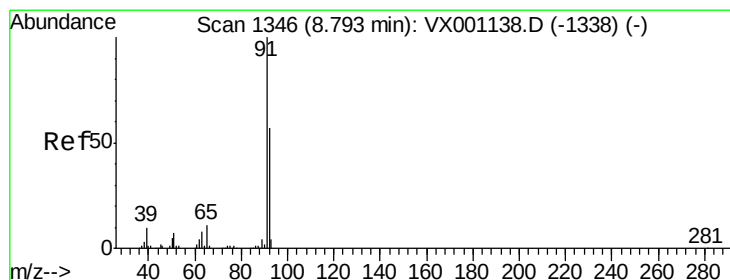
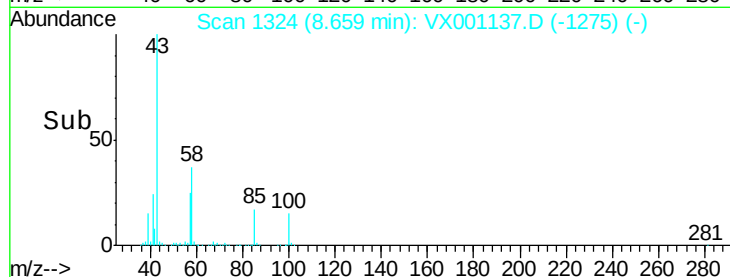
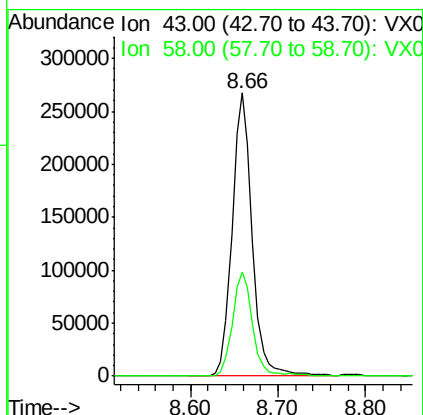
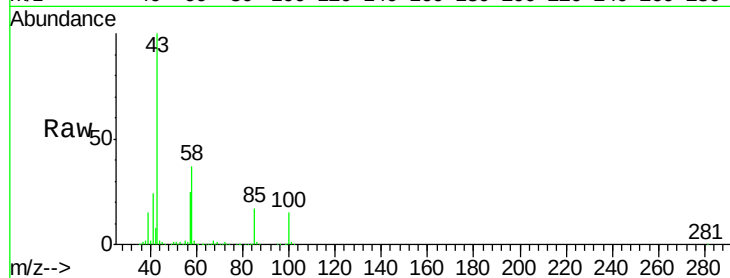




#51
 4-Methyl-2-Pentanone
 Concen: 115.40 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

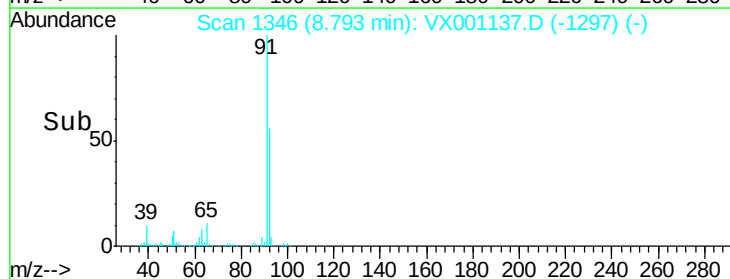
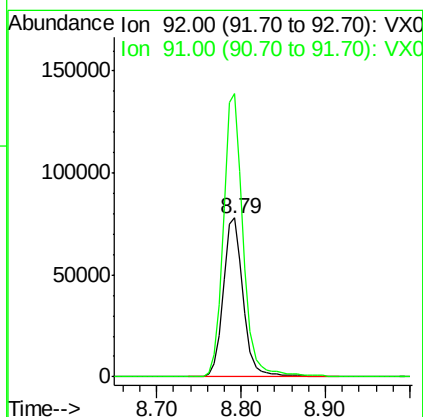
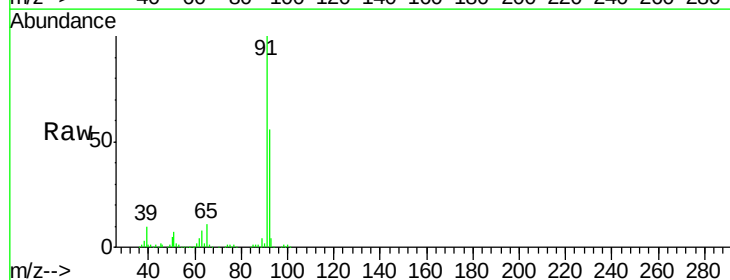
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

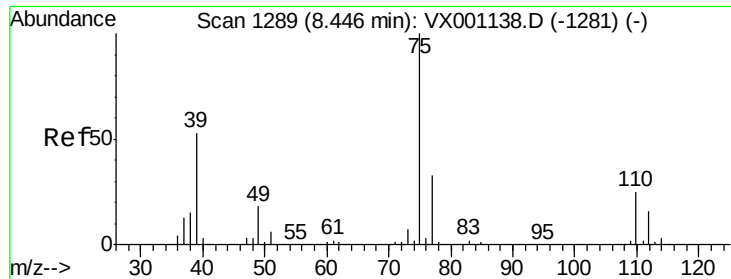
Tgt Ion: 43 Resp: 428064
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.2 45.2



#52
 Toluene
 Concen: 18.93 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion: 92 Resp: 127725
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.04 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

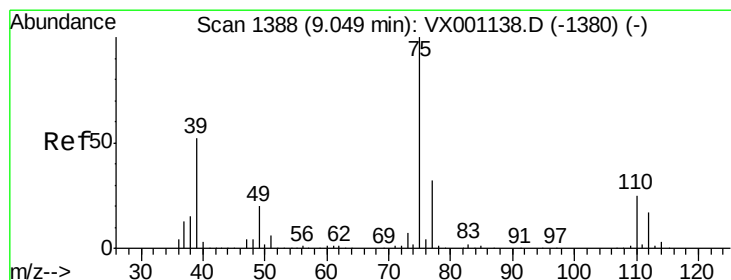
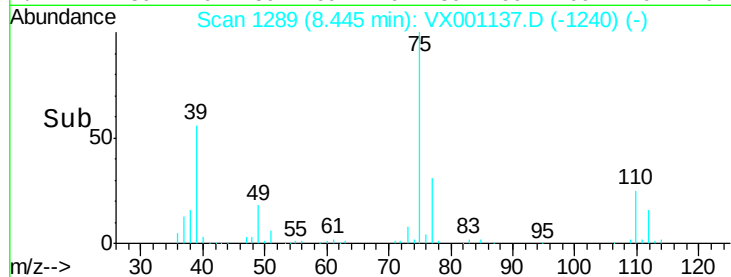
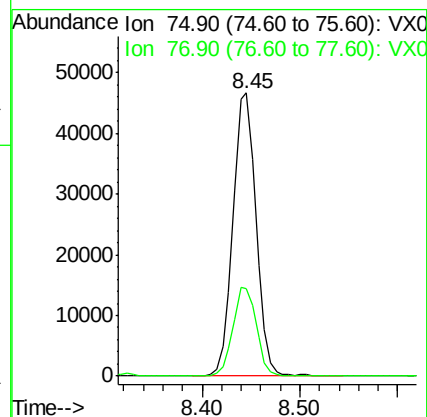
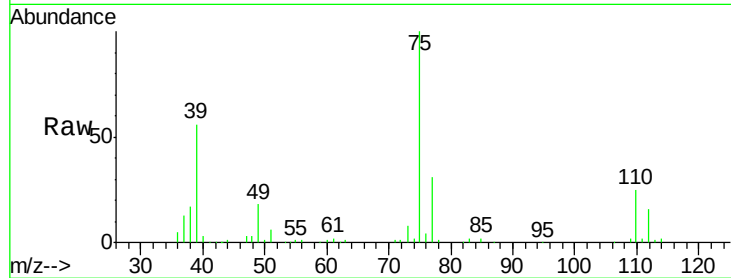
VSTDIC020

Tgt Ion: 75 Resp: 76706

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

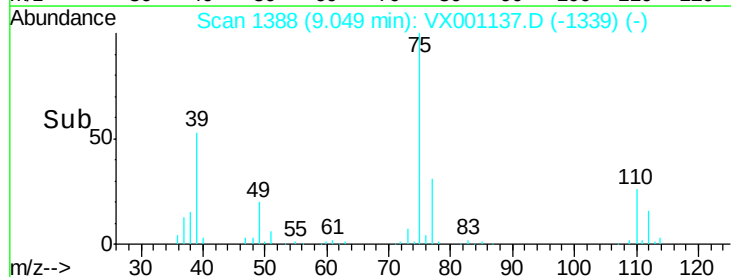
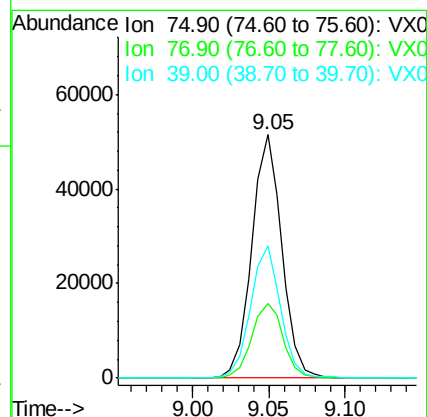
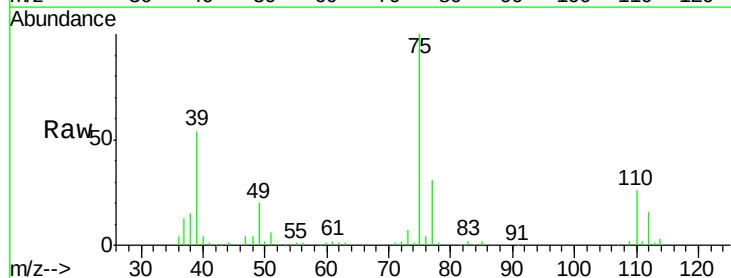
Tgt Ion: 75 Resp: 70093

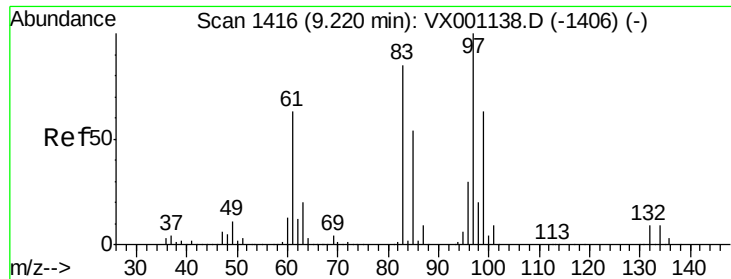
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 53.9 42.0 63.0

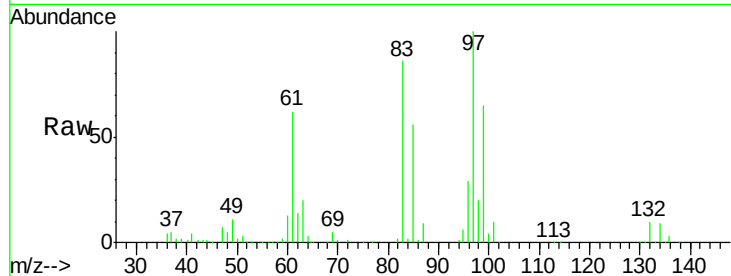




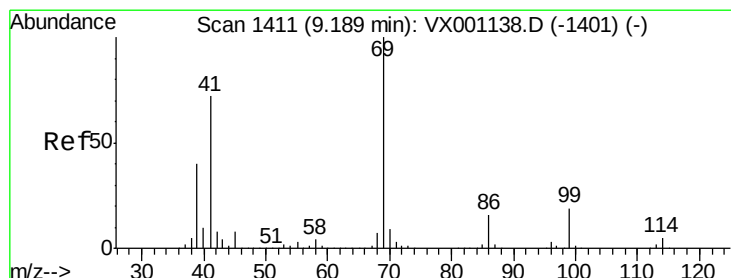
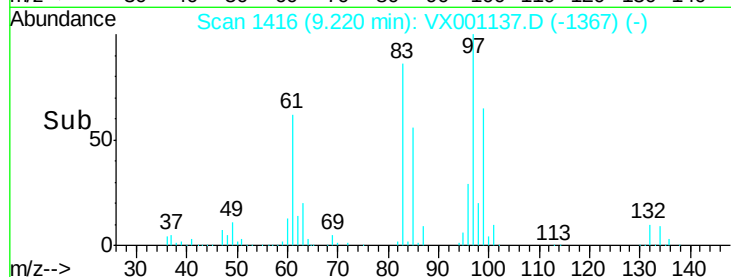
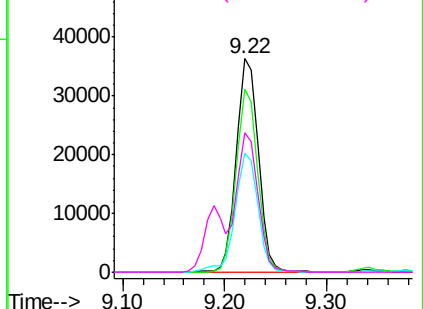
#55
 1,1,2-Trichloroethane
 Concen: 20.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 54449
 Ion Ratio Lower Upper
 97 100
 83 86.0 68.0 102.0
 85 55.8 42.9 64.3
 99 65.0 50.3 75.5

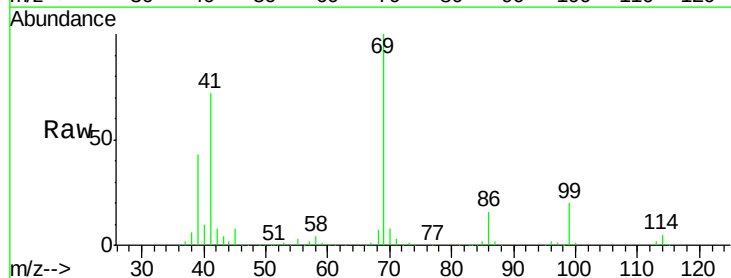


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

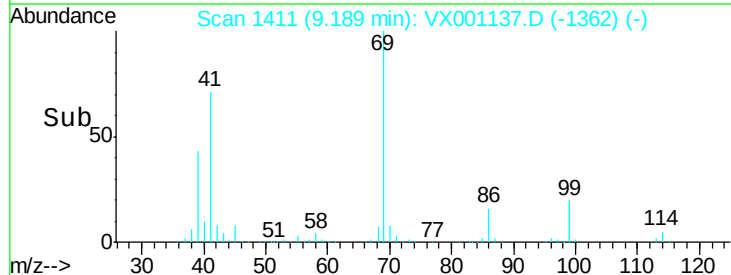
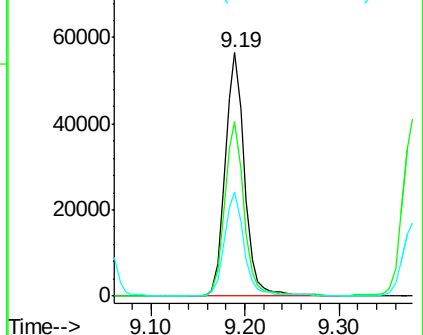


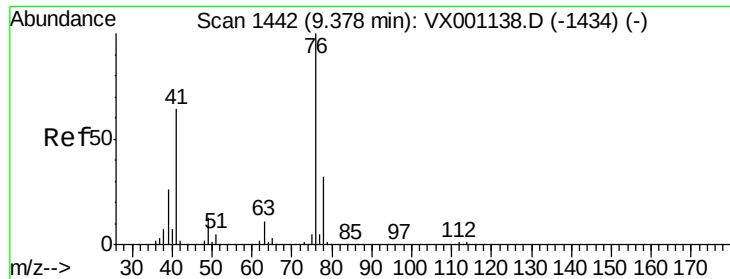
#56
 Ethyl methacrylate
 Concen: 20.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion: 69 Resp: 80624
 Ion Ratio Lower Upper
 69 100
 41 70.1 57.7 86.5
 39 42.8 33.3 49.9



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: 19.93 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

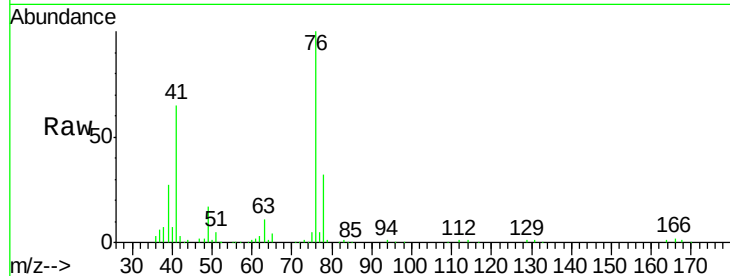
VSTDIC020

Tgt Ion: 76 Resp: 89377

Ion Ratio Lower Upper

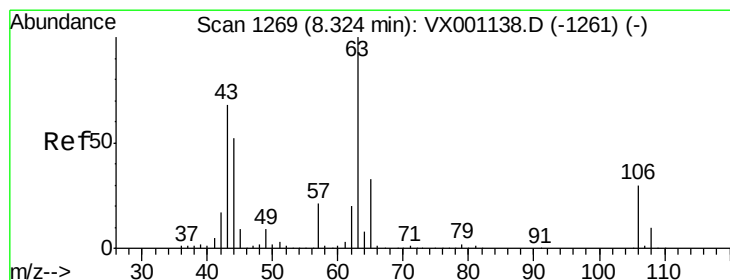
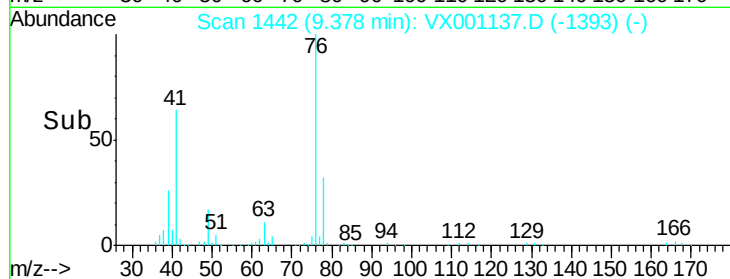
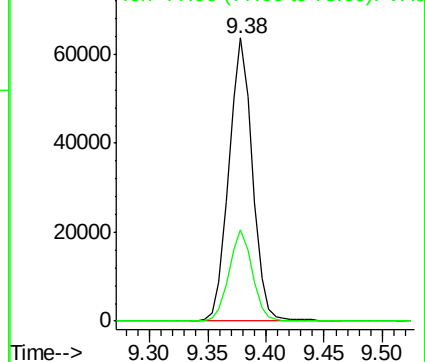
76 100

78 31.8 26.1 39.1



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: 97.88 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001137.D

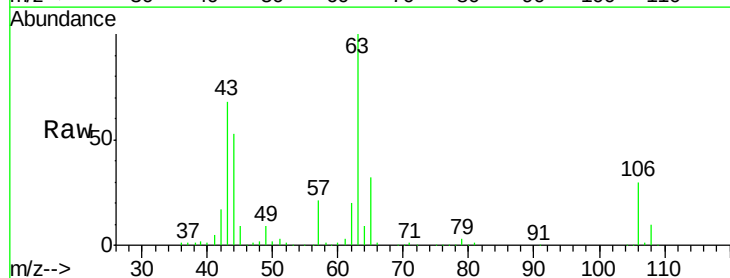
Acq: 26 Apr 2018 17:55

Tgt Ion: 63 Resp: 189360

Ion Ratio Lower Upper

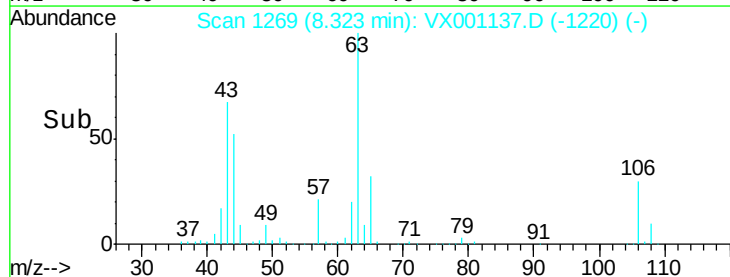
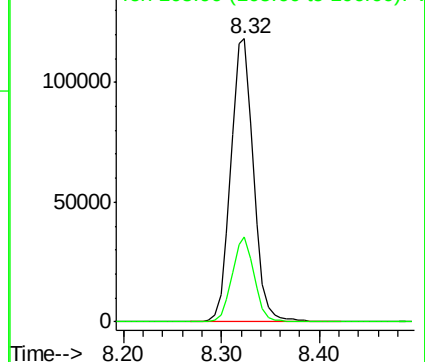
63 100

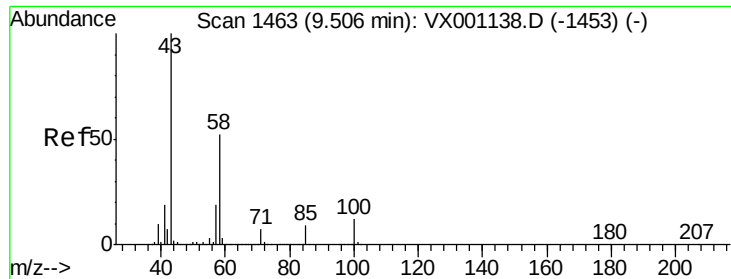
106 29.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

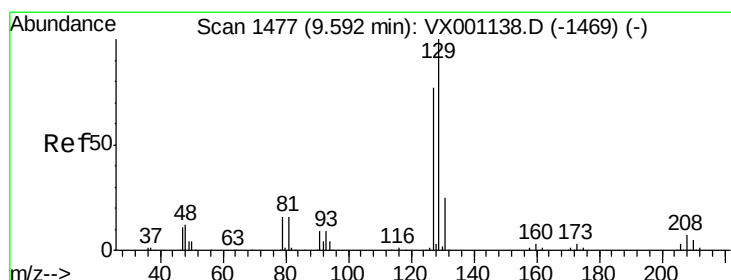
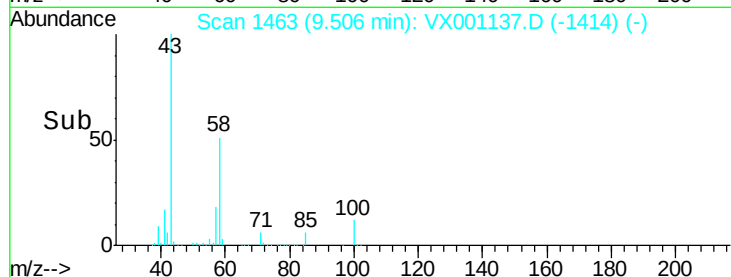
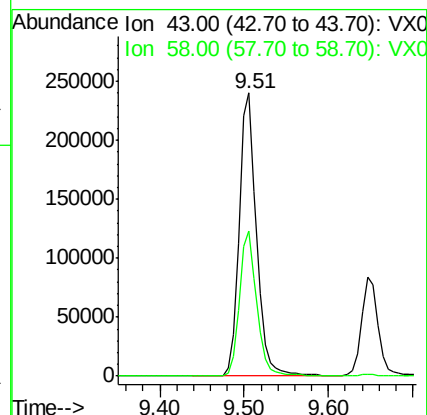
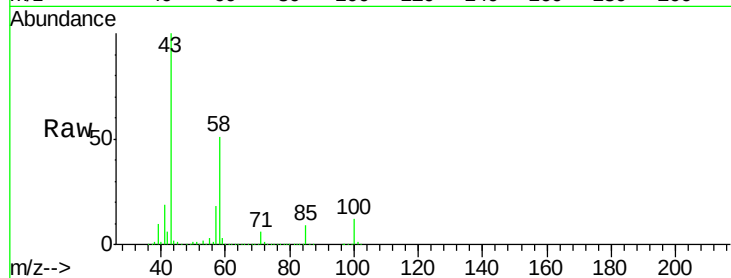




#59
2-Hexanone
Concen: 116.12 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

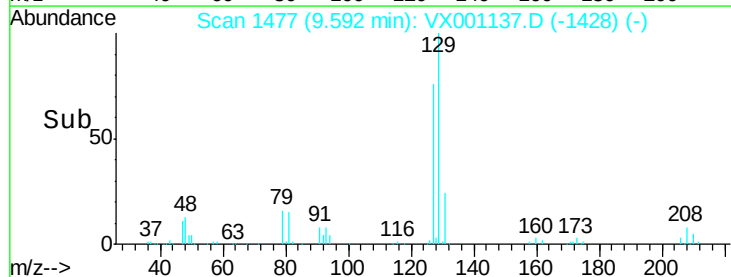
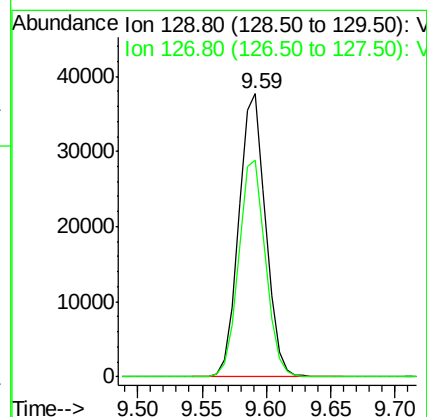
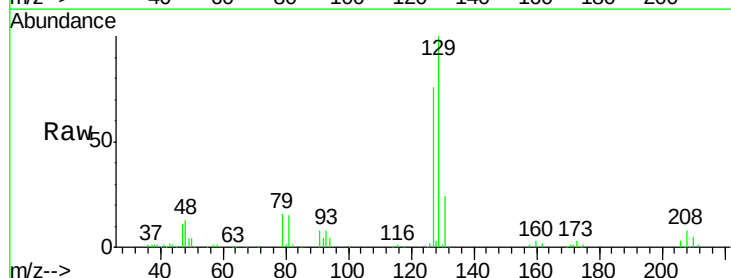
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

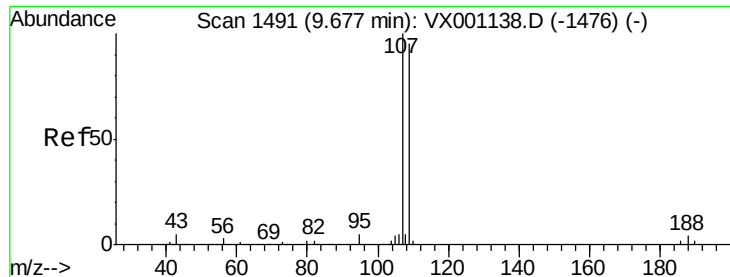
Tgt Ion: 43 Resp: 331199
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.4



#60
Dibromochloromethane
Concen: 19.24 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 129 Resp: 54552
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.17 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

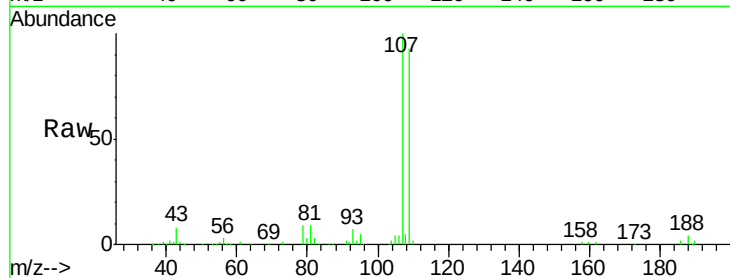
VSTDIC020

Tgt Ion: 107 Resp: 57865

Ion Ratio Lower Upper

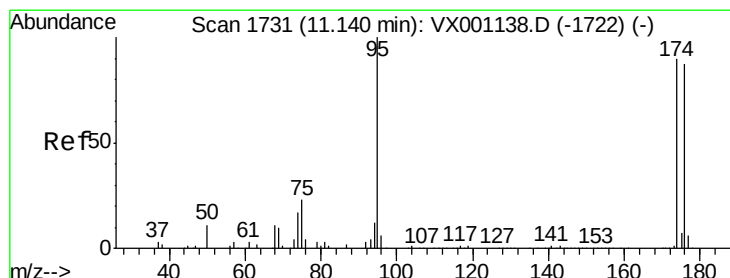
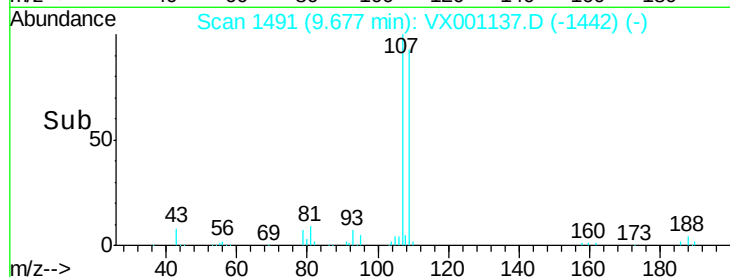
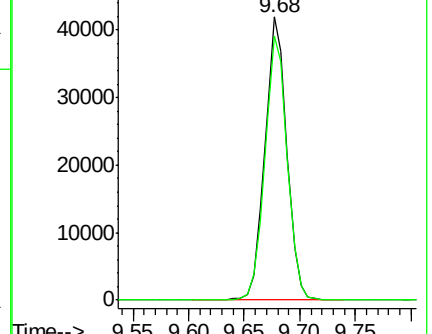
107 100

109 95.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

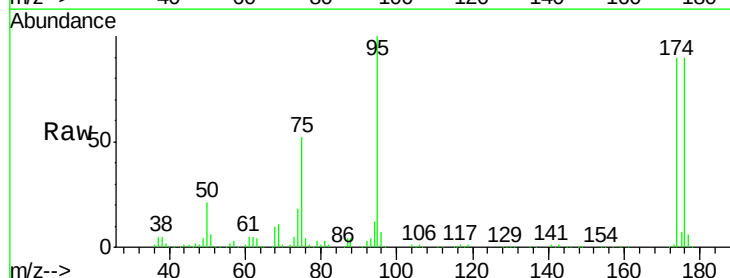
Tgt Ion: 95 Resp: 73939

Ion Ratio Lower Upper

95 100

174 98.5 0.0 194.4

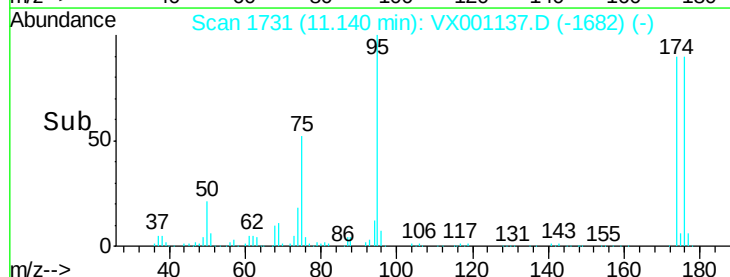
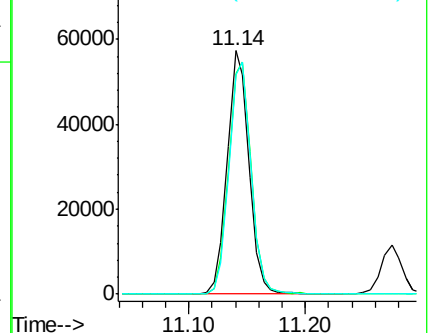
176 97.1 0.0 190.2

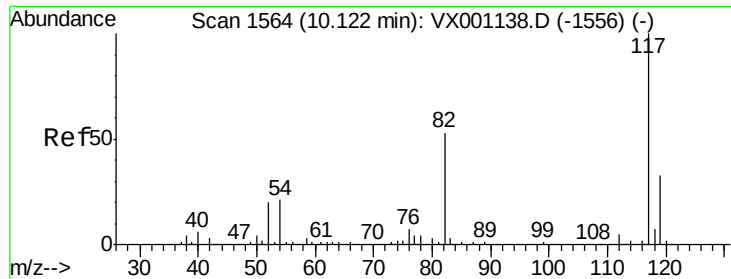


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

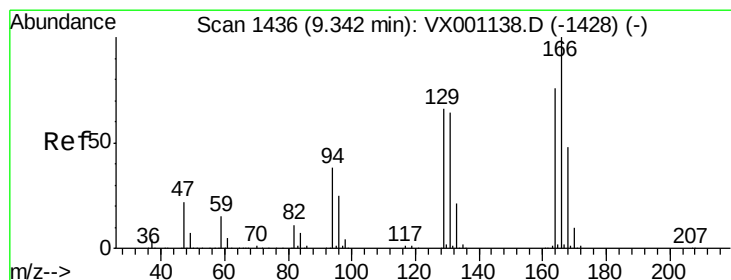
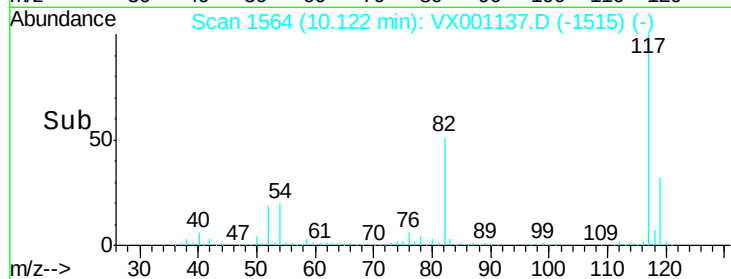
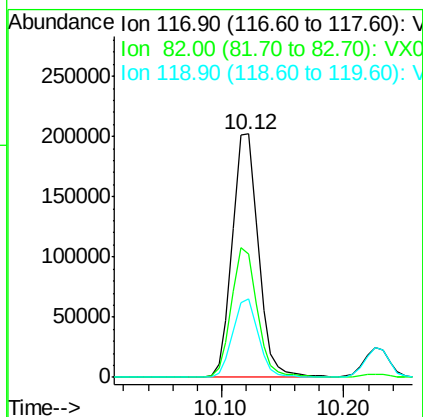
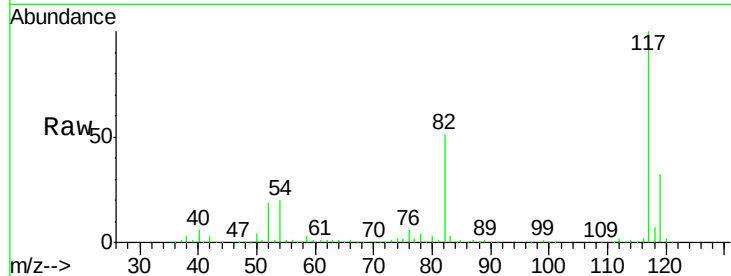




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

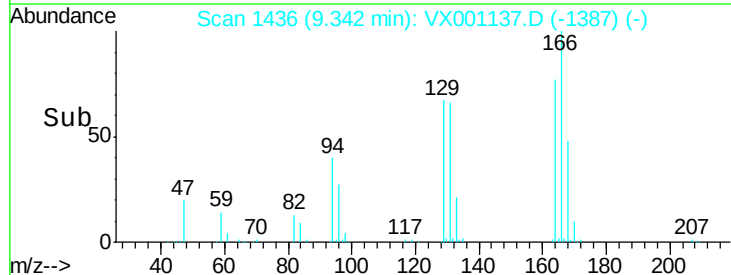
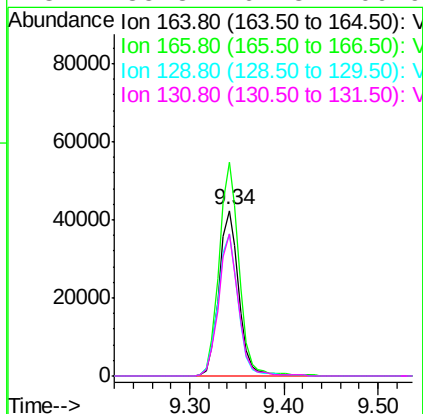
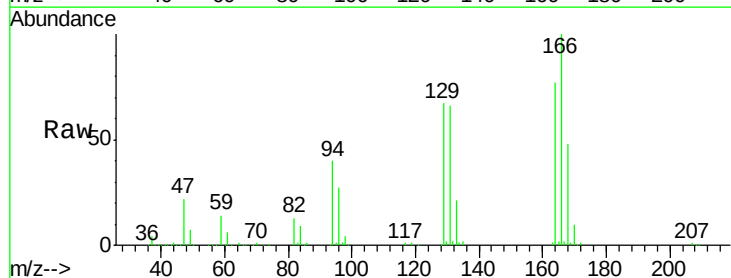
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

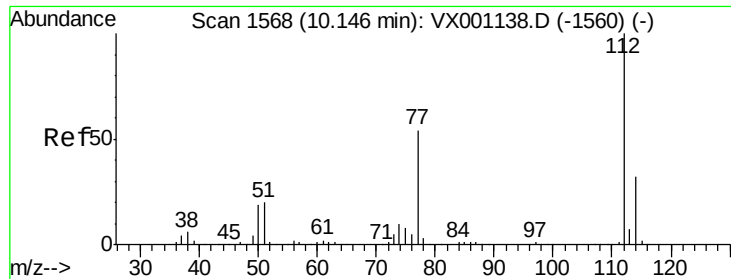
Tgt Ion:117 Resp: 298999
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion:164 Resp: 62502
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.6
129 86.1 69.4 104.2
131 85.8 67.3 100.9





#65

Chlorobenzene

Concen: 19.09 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

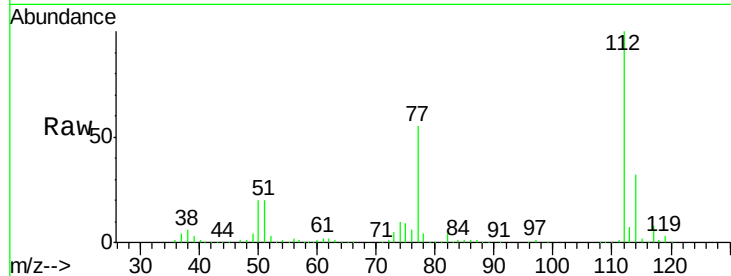
VSTDIC020

Tgt Ion:112 Resp: 151603

Ion Ratio Lower Upper

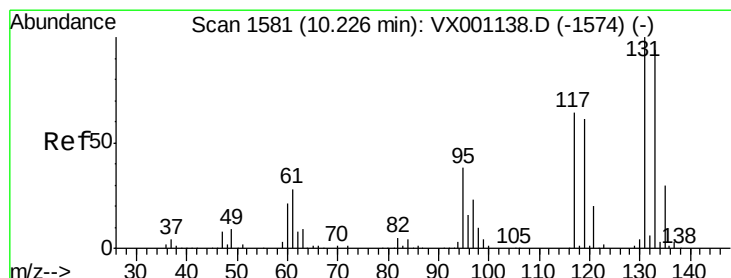
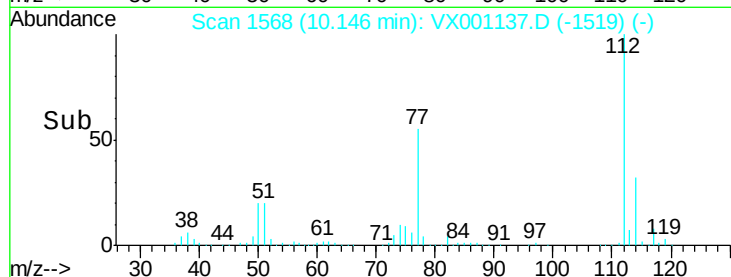
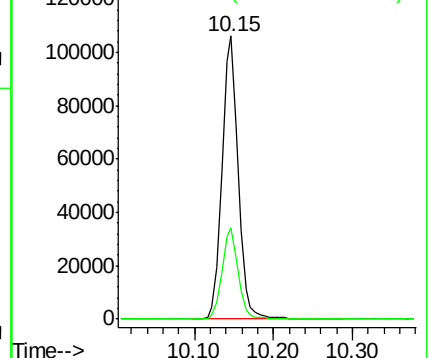
112 100

114 32.4 25.7 38.5



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: 19.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

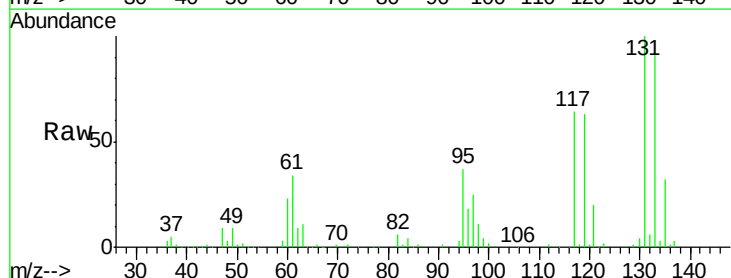
Tgt Ion:131 Resp: 53739

Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.4

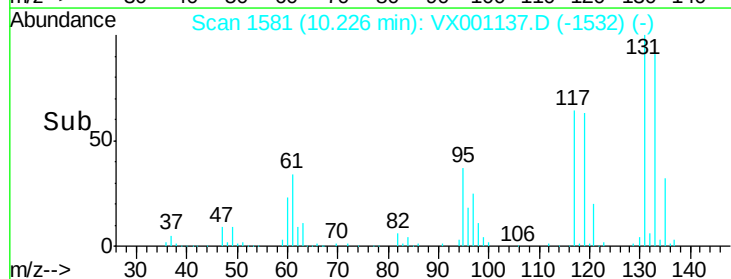
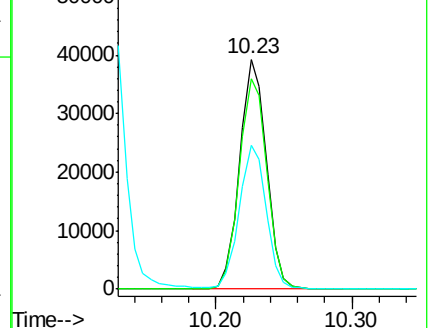
119 63.6 31.3 93.8

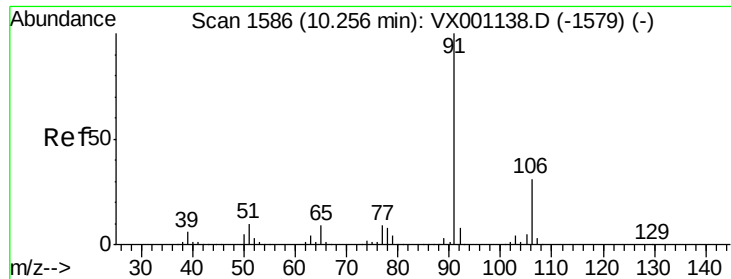


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

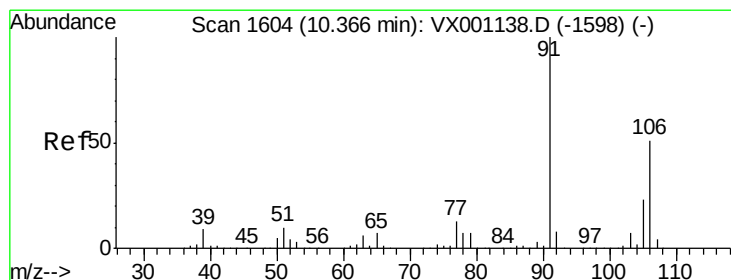
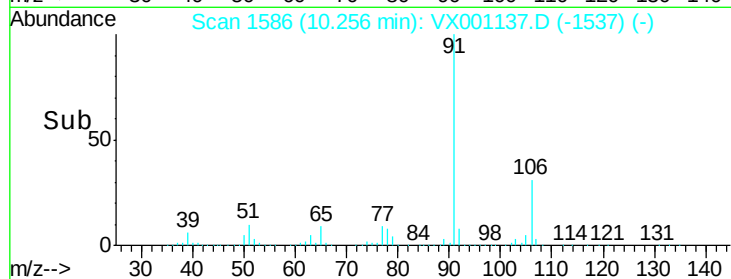
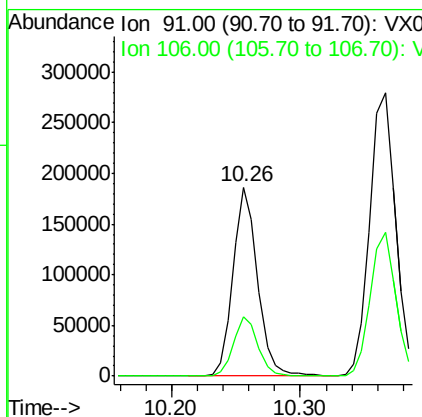
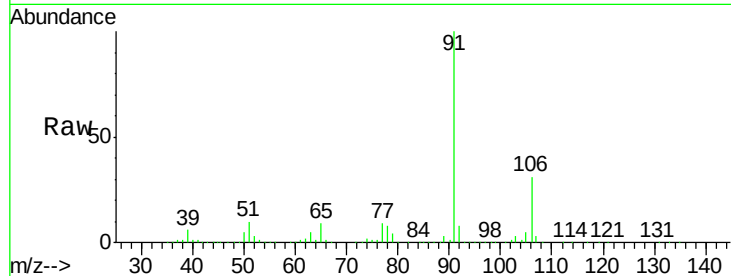




#67
Ethyl Benzene
Concen: 18.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

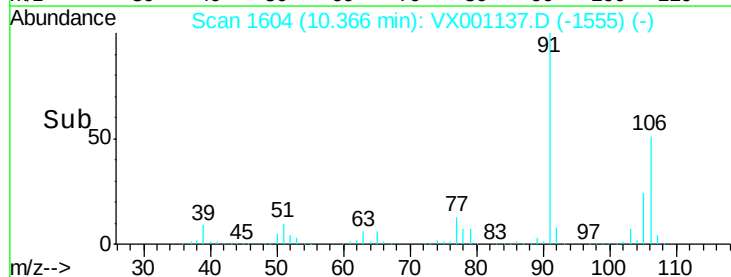
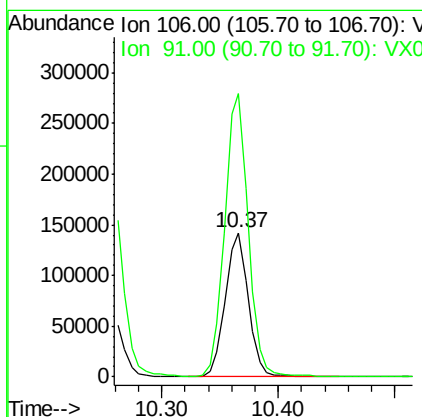
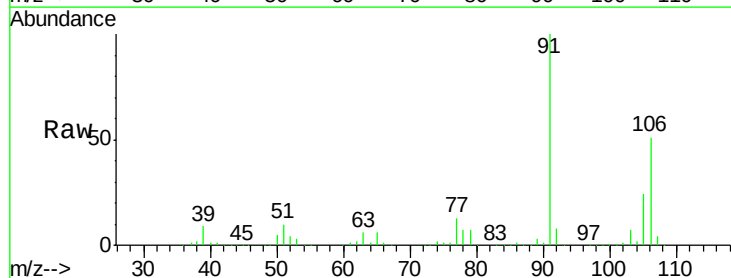
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

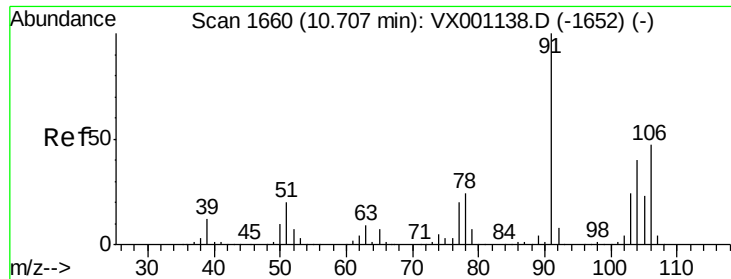
Tgt Ion: 91 Resp: 249036
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 37.57 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 106 Resp: 194530
Ion Ratio Lower Upper
106 100
91 202.1 160.9 241.3

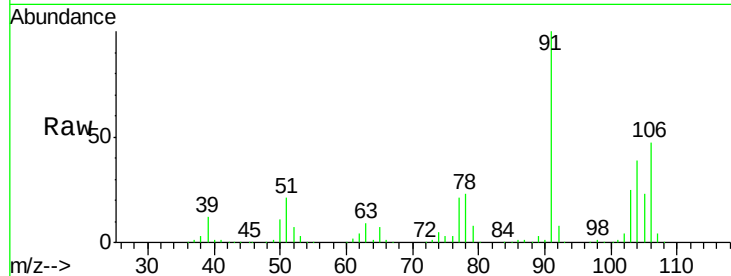




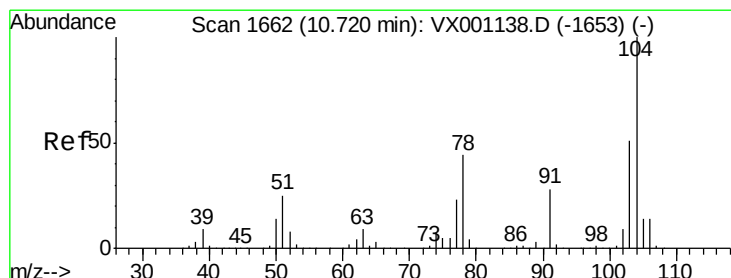
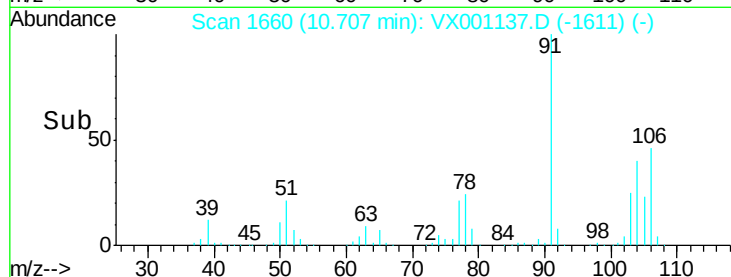
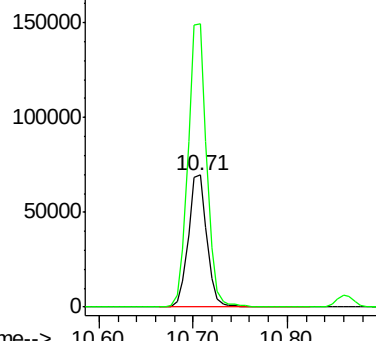
#69
o-Xylene
Concen: 18.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 95025
Ion Ratio Lower Upper
106 100
91 216.0 106.2 318.5

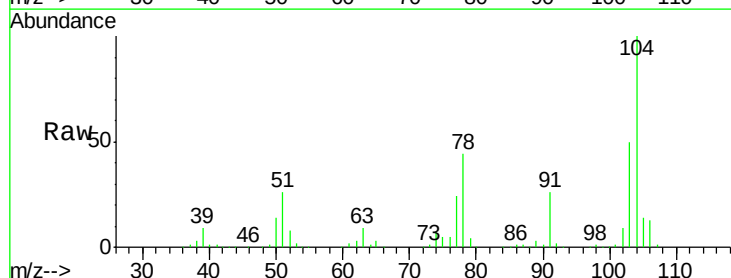


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

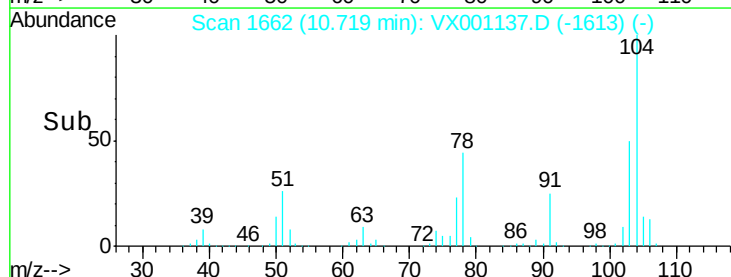
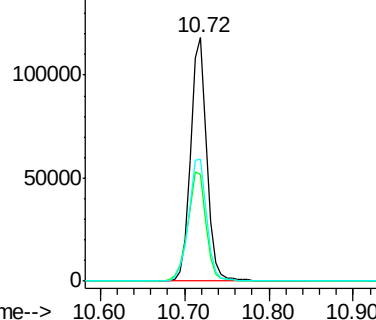


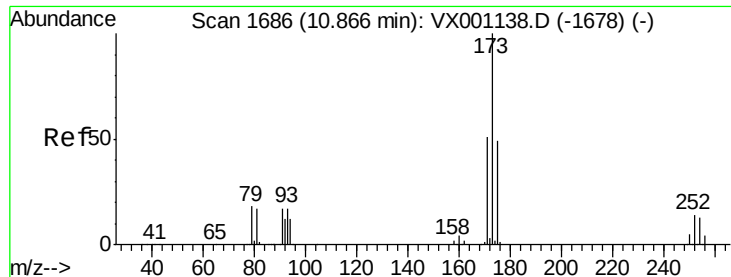
#70
Styrene
Concen: 19.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion:104 Resp: 158071
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 55.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.14 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

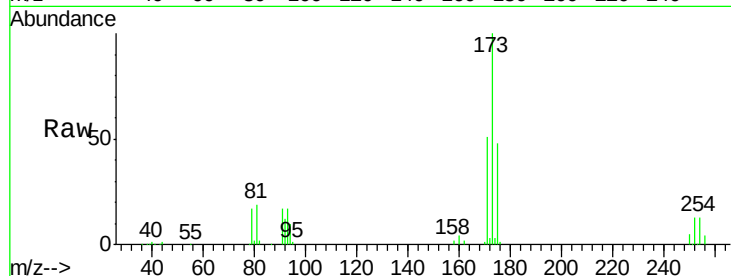
Tgt Ion:173 Resp: 43211

Ion Ratio Lower Upper

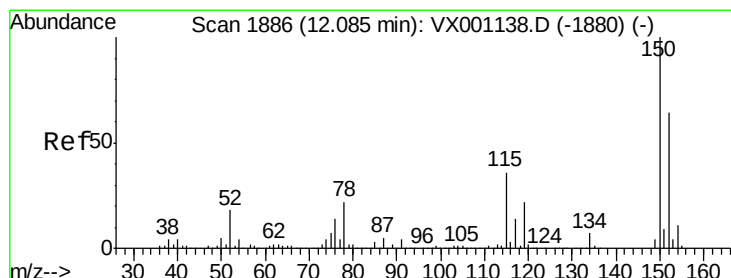
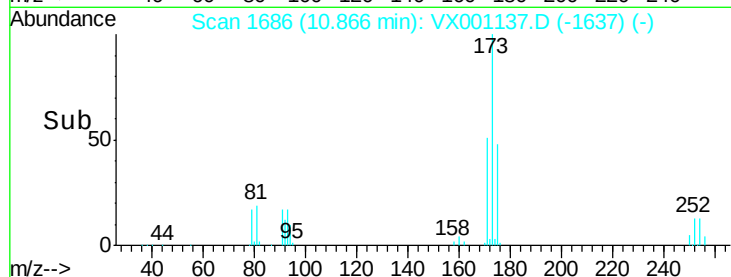
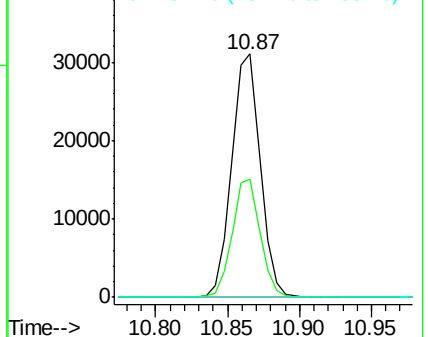
173 100

175 47.5 24.6 73.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

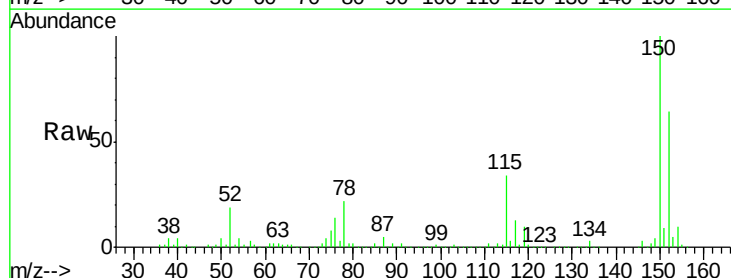
Tgt Ion:152 Resp: 195642

Ion Ratio Lower Upper

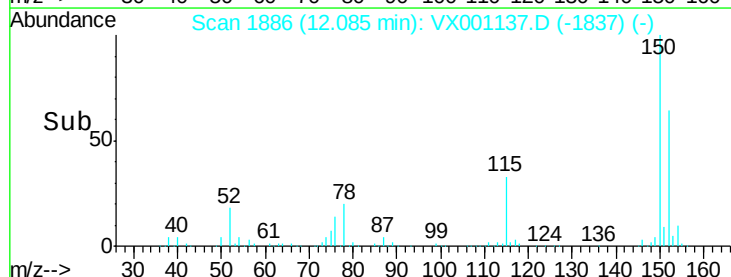
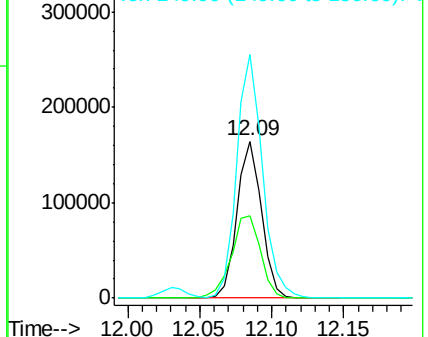
152 100

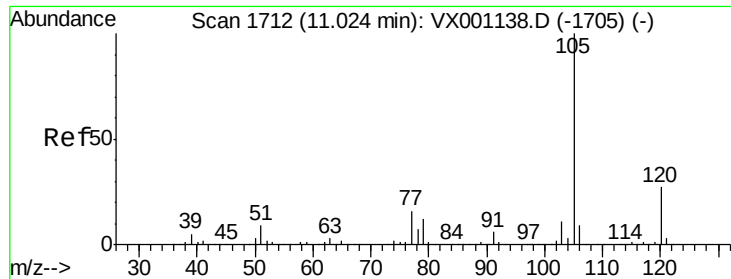
115 62.8 38.0 114.0

150 163.1 0.0 349.6



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: 19.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

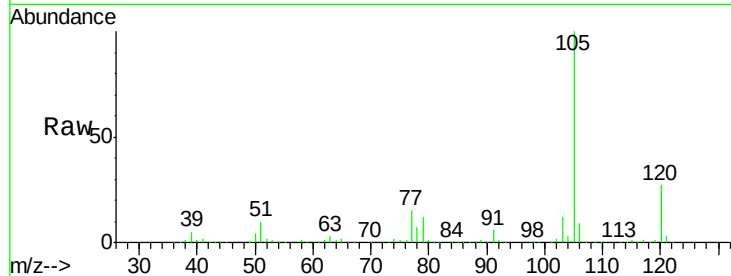
VSTDIC020

Tgt Ion: 105 Resp: 249261

Ion Ratio Lower Upper

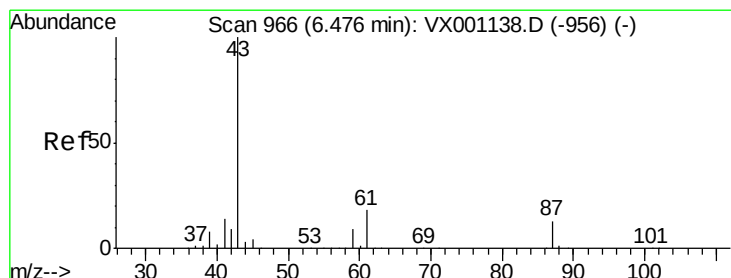
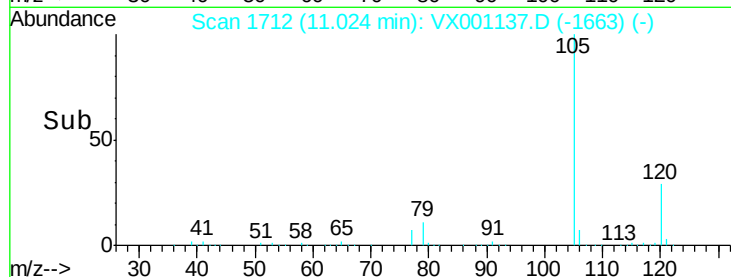
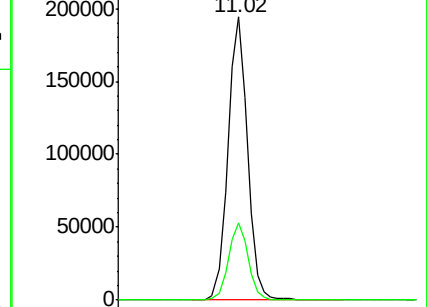
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Tgt Ion: 43 Resp: 125864

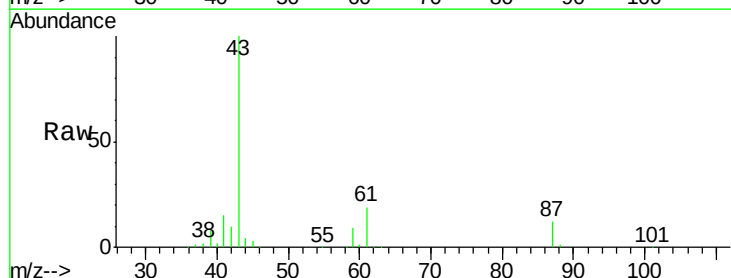
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 15.0 22.6

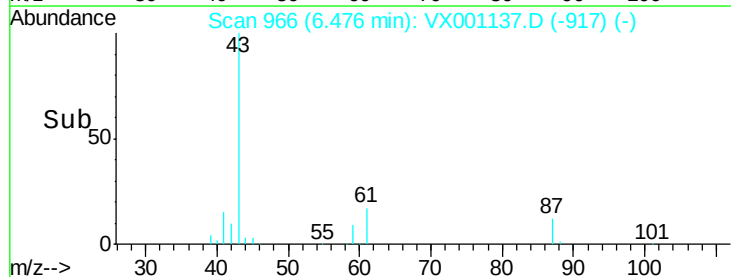
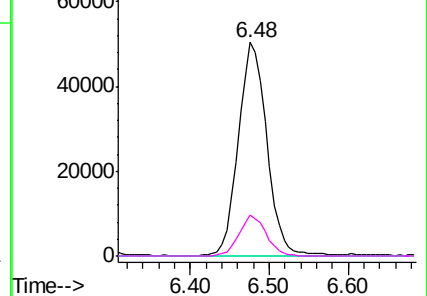


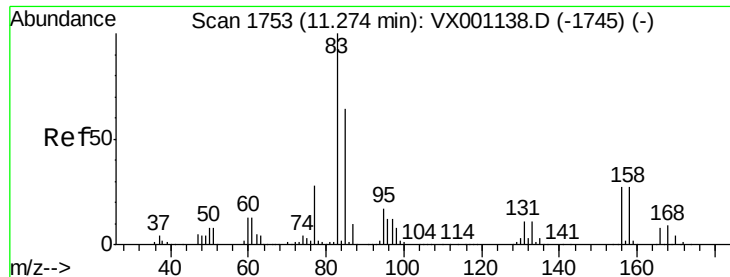
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

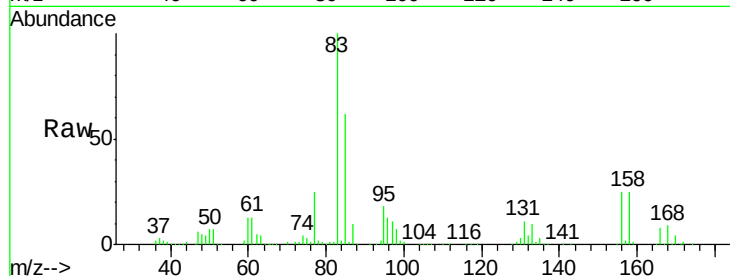
Tgt Ion: 83 Resp: 83687

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

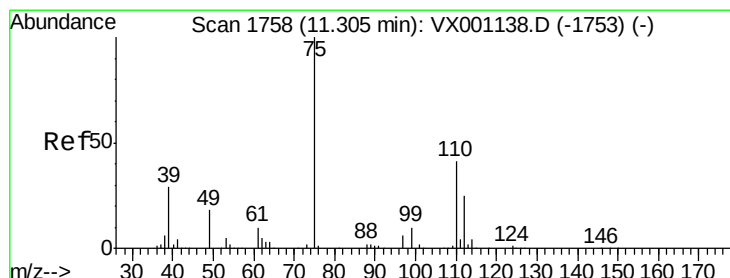
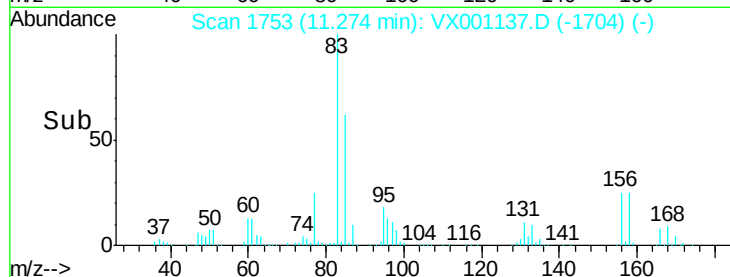
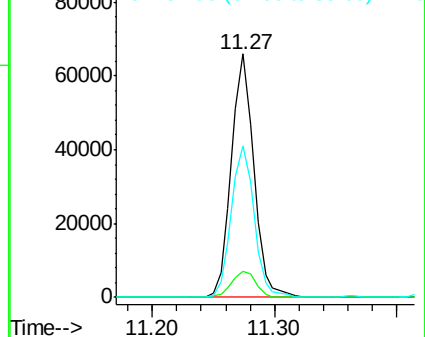
85 63.5 32.1 96.3



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: 26.20 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001137.D

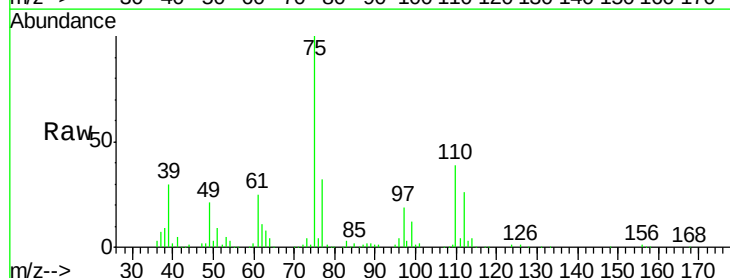
Acq: 26 Apr 2018 17:55

Tgt Ion: 75 Resp: 91465

Ion Ratio Lower Upper

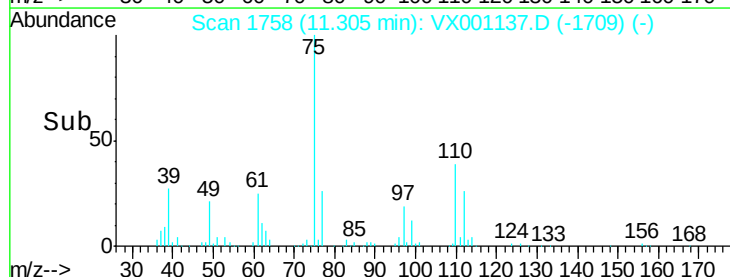
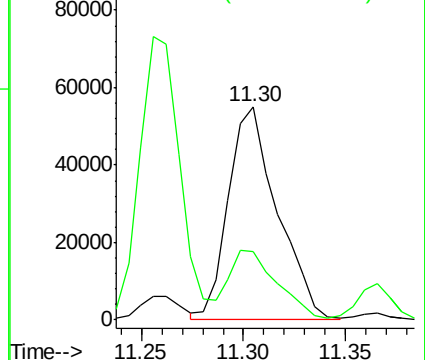
75 100

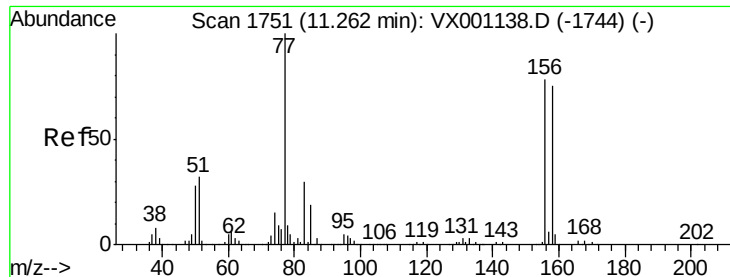
77 31.7 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

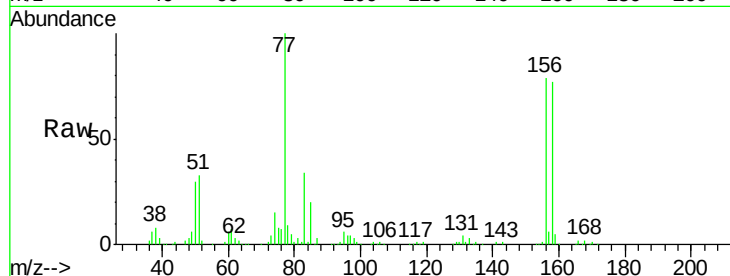
Tgt Ion:156 Resp: 74553

Ion Ratio Lower Upper

156 100

77 135.5 67.8 203.2

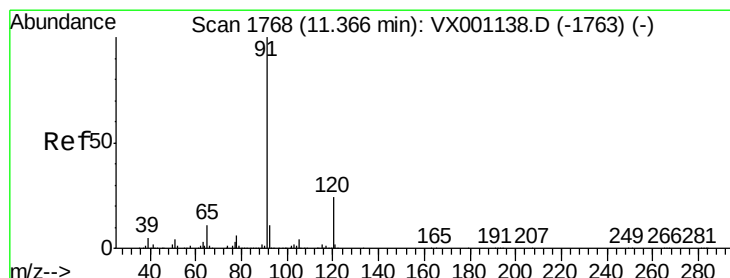
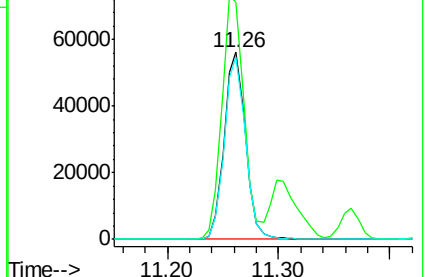
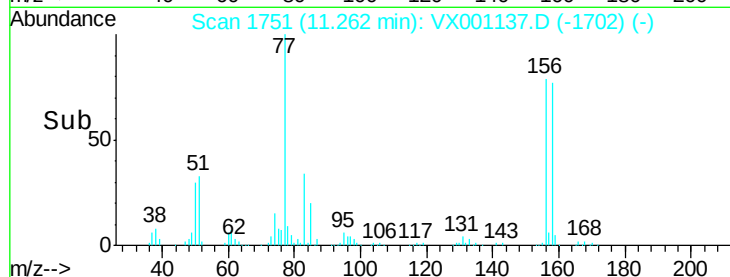
158 97.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001137.D

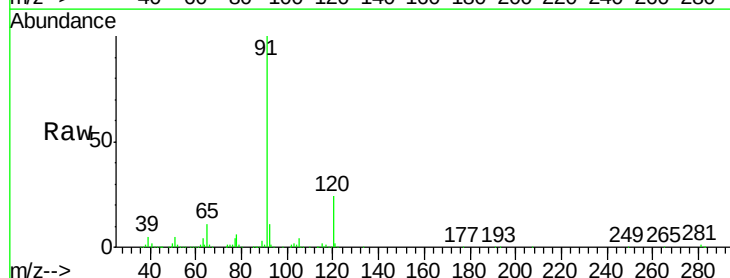
Acq: 26 Apr 2018 17:55

Tgt Ion: 91 Resp: 282234

Ion Ratio Lower Upper

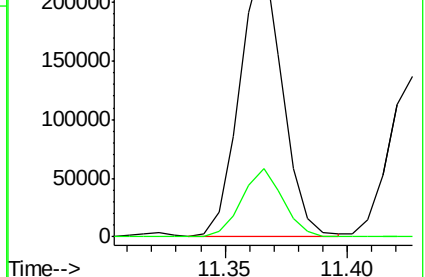
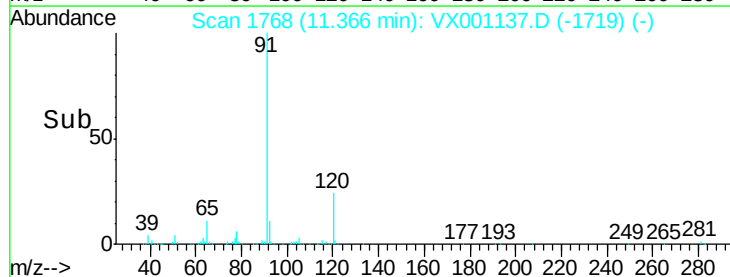
91 100

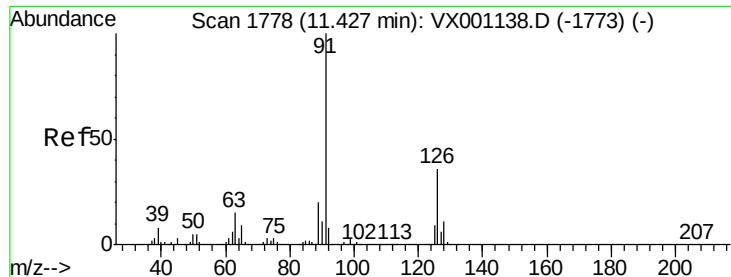
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

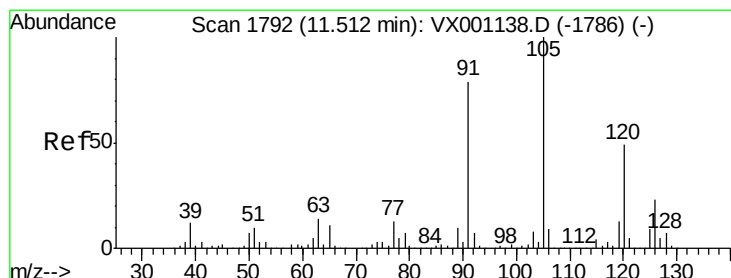
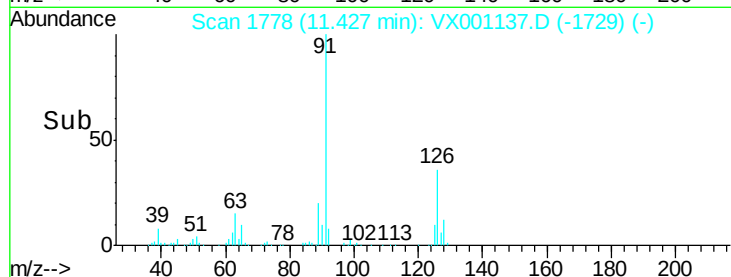
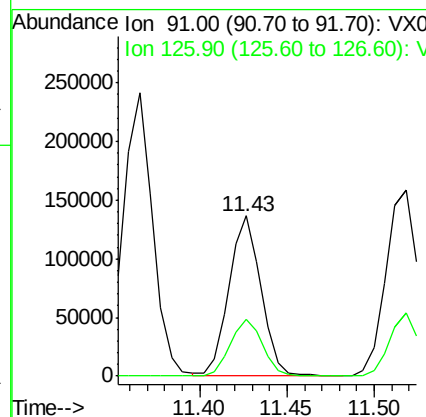
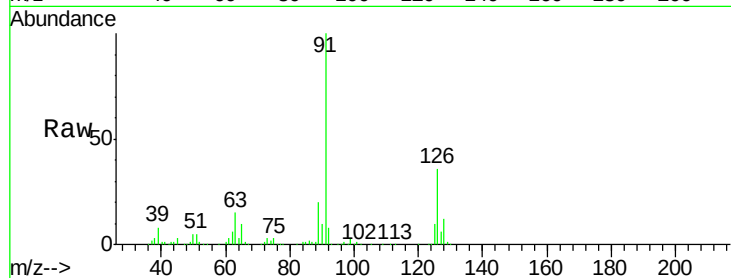
VSTDIC020

Tgt Ion: 91 Resp: 172540

Ion Ratio Lower Upper

91 100

126 36.0 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 19.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001137.D

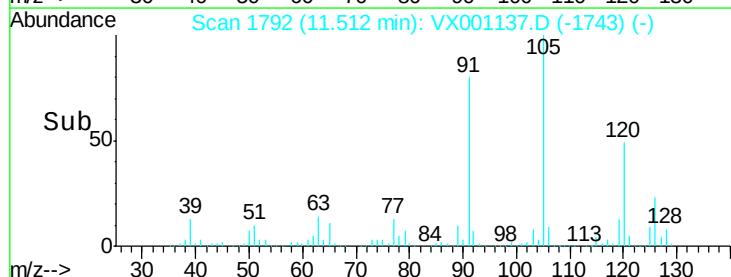
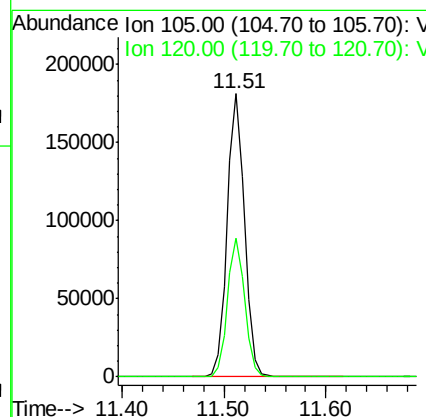
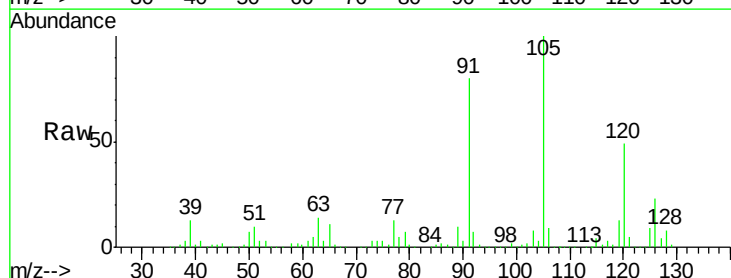
Acq: 26 Apr 2018 17:55

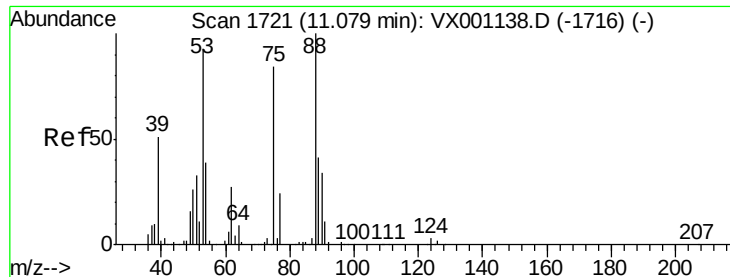
Tgt Ion: 105 Resp: 214929

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.45 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

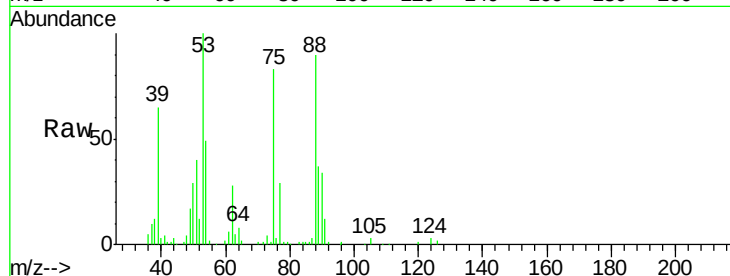
Tgt Ion: 75 Resp: 17919

Ion Ratio Lower Upper

75 100

53 123.2 87.9 131.9

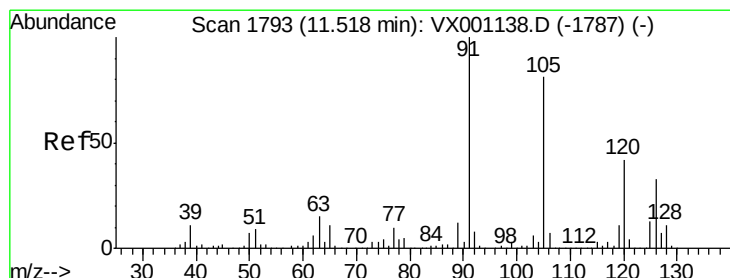
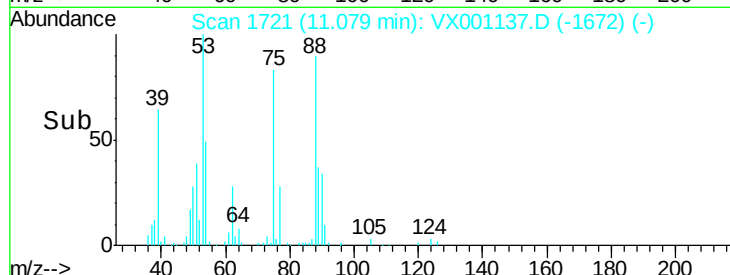
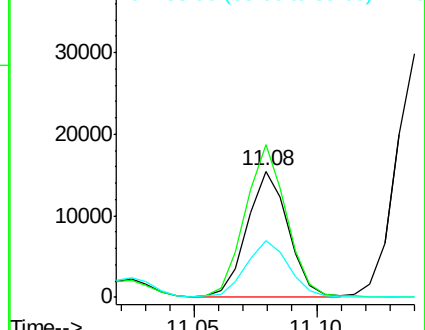
89 47.9 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.61 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001137.D

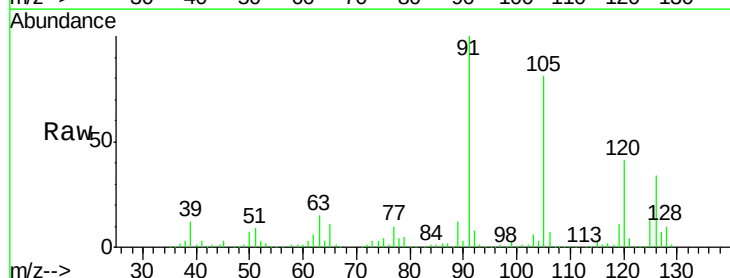
Acq: 26 Apr 2018 17:55

Tgt Ion: 91 Resp: 205190

Ion Ratio Lower Upper

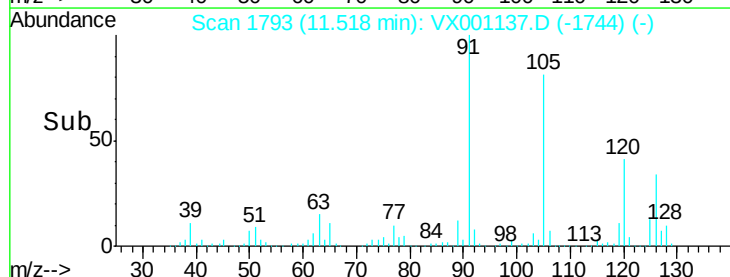
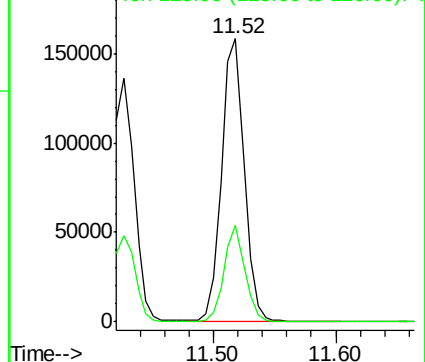
91 100

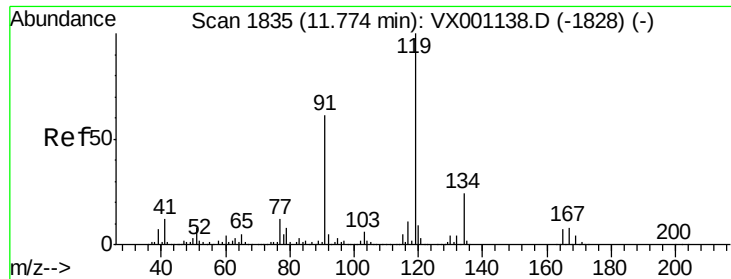
126 31.4 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

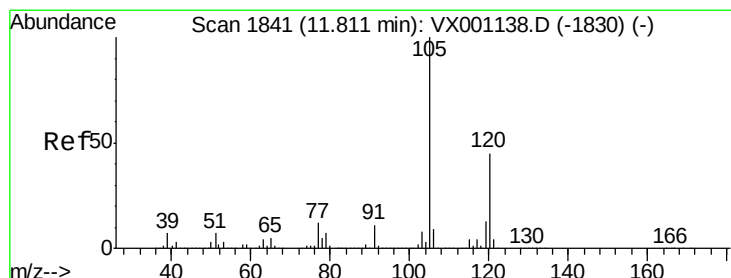
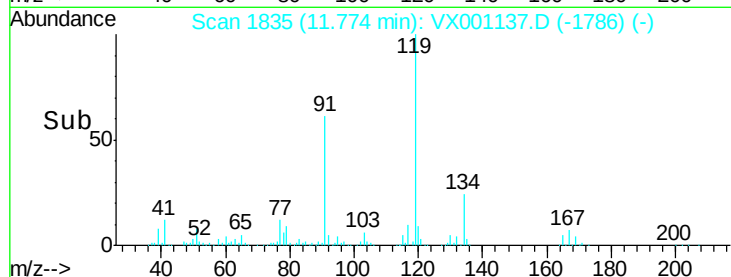
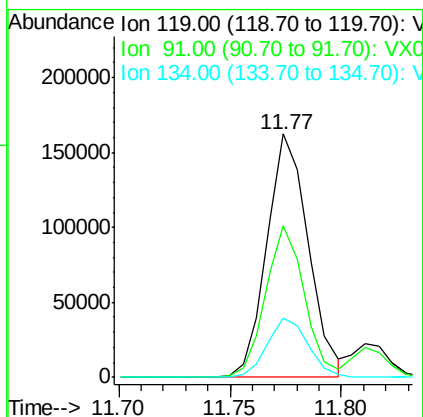
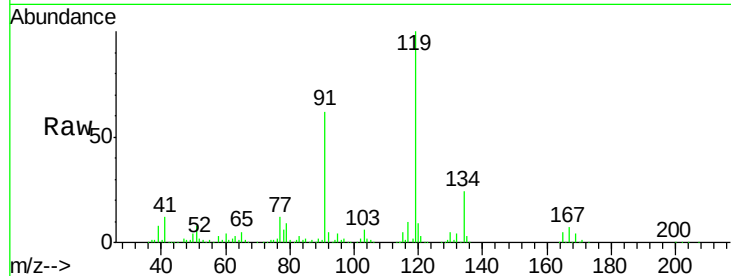




#83
 tert-Butylbenzene
 Concen: 19.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

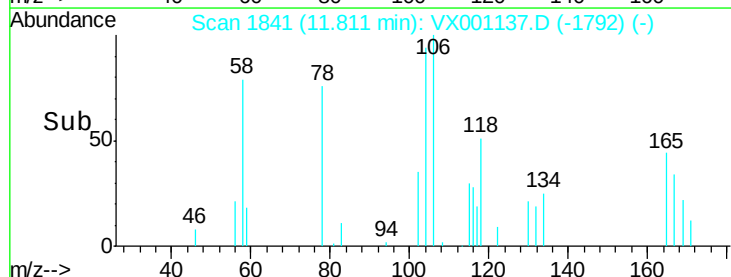
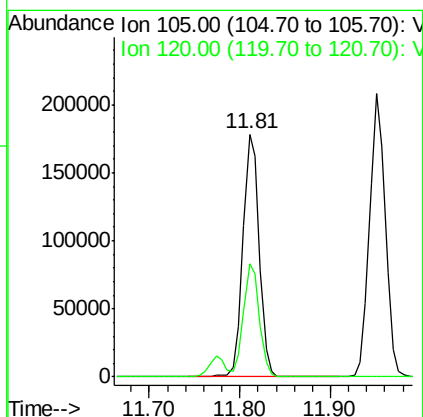
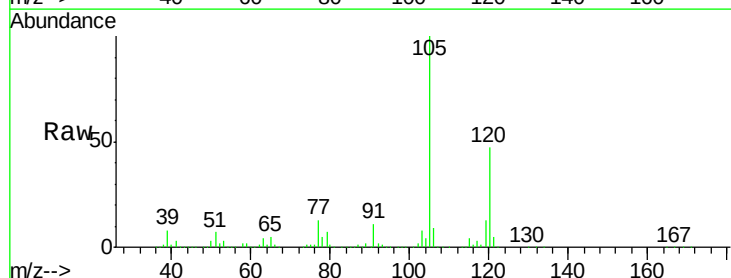
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

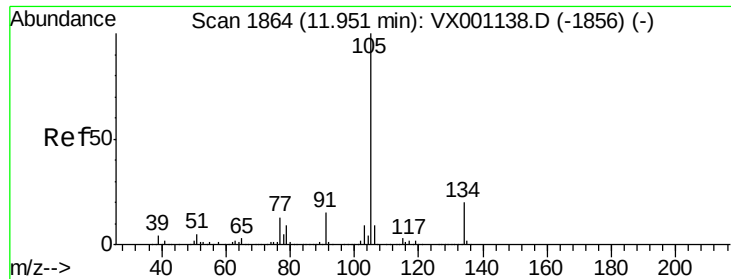
Tgt Ion:119 Resp: 210048
 Ion Ratio Lower Upper
 119 100
 91 58.5 27.6 82.8
 134 24.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion:105 Resp: 222100
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3

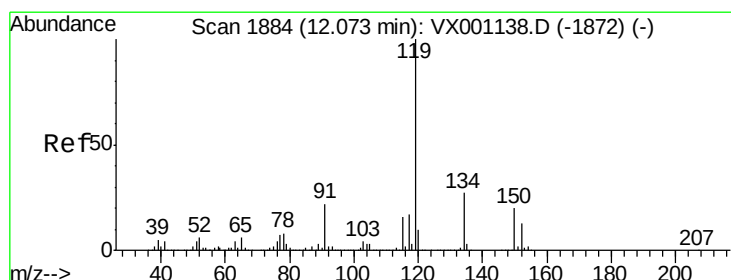
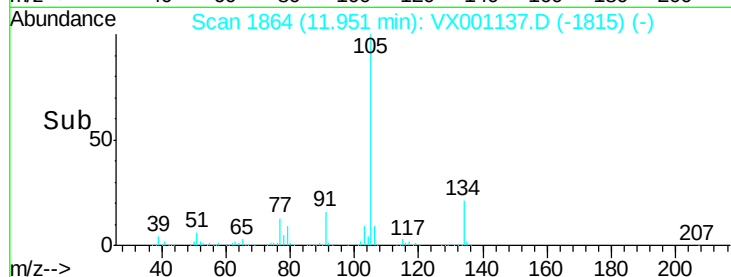
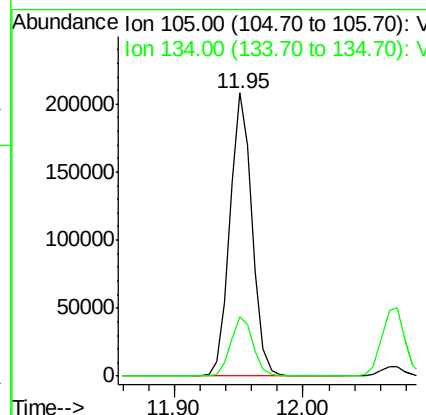
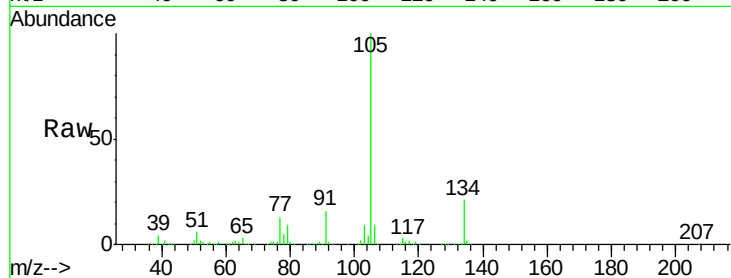




#85
 sec-Butylbenzene
 Concen: 19.48 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

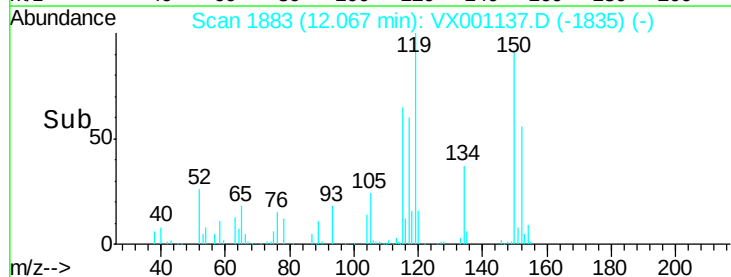
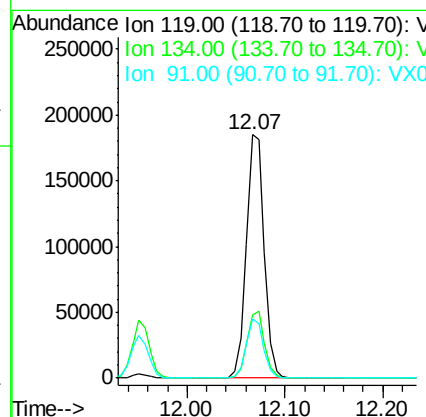
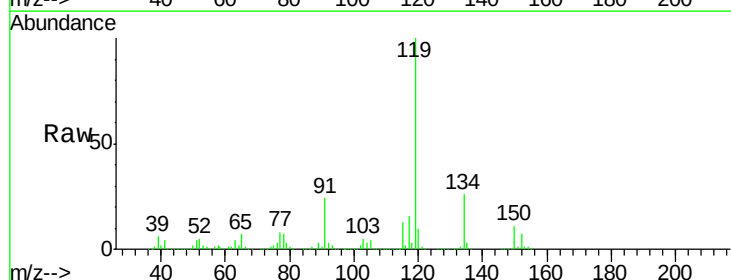
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

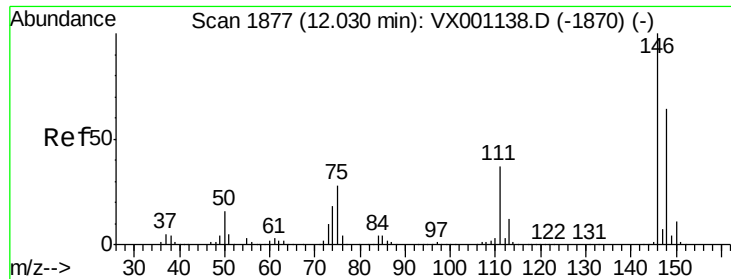
Tgt Ion:105 Resp: 252262
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.32 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion:119 Resp: 231753
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.7 11.6 34.8

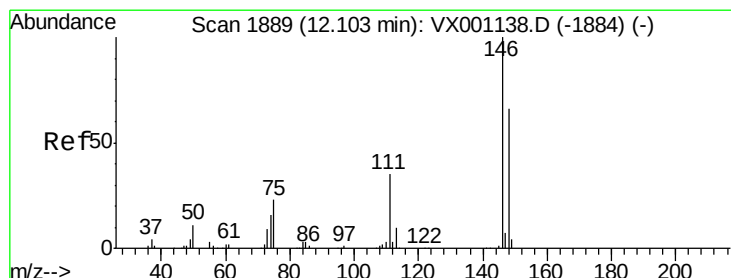
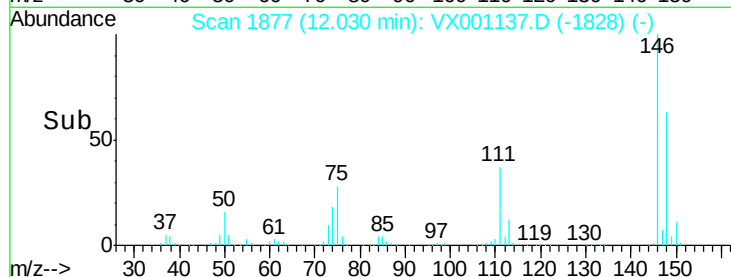
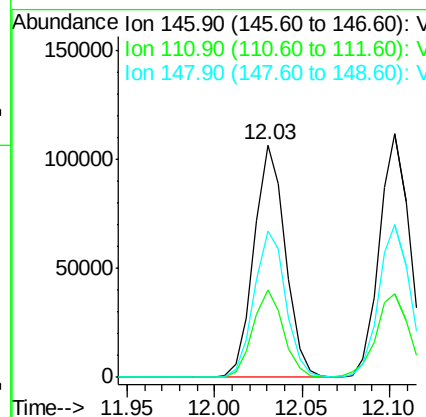
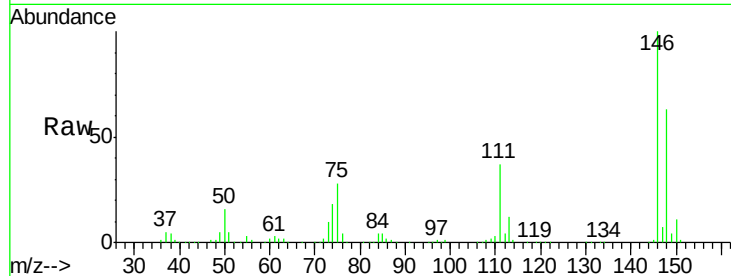




#87
 1,3-Dichlorobenzene
 Concen: 19.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

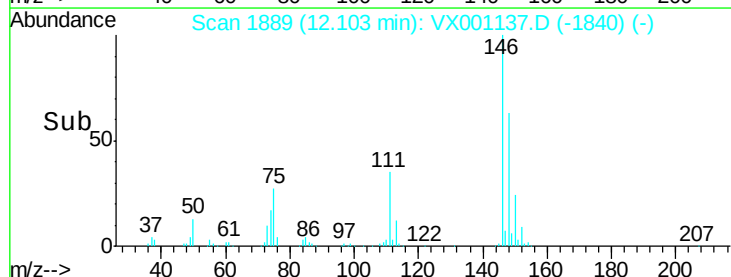
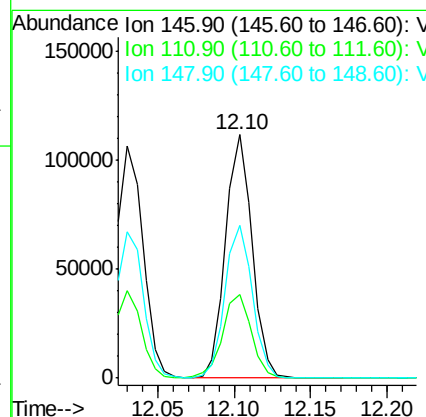
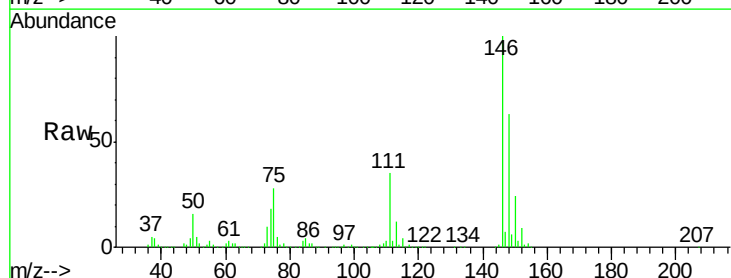
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

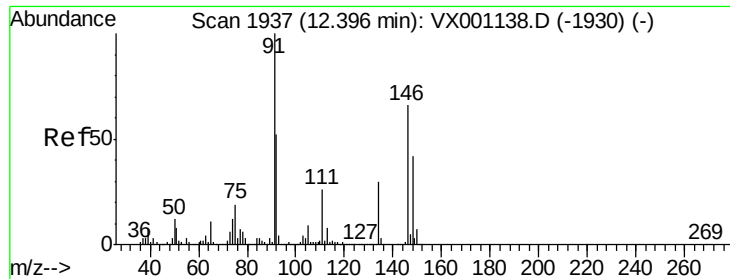
Tgt Ion:146 Resp: 133181
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 56.0
 148 63.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 18.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion:146 Resp: 134948
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.0 54.0
 148 65.0 32.5 97.5

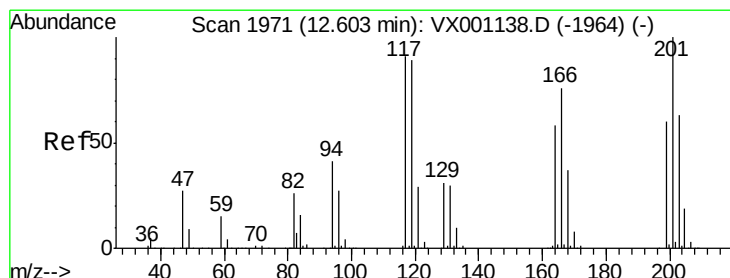
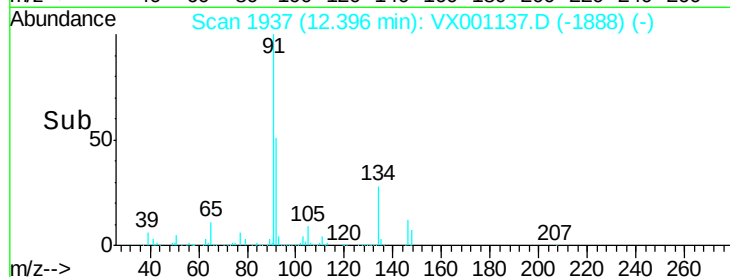
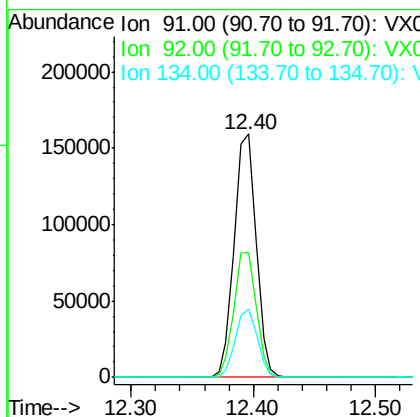
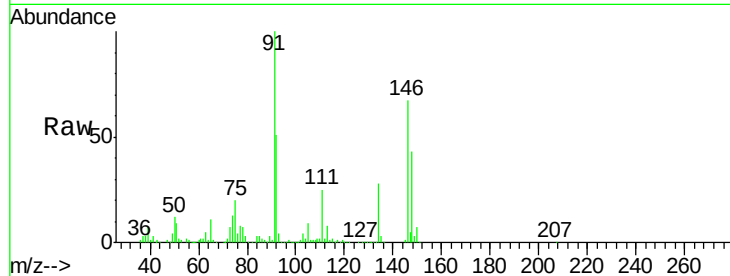




#89
n-Butylbenzene
Concen: 18.53 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

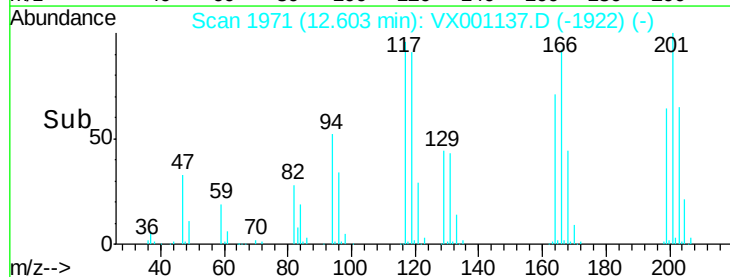
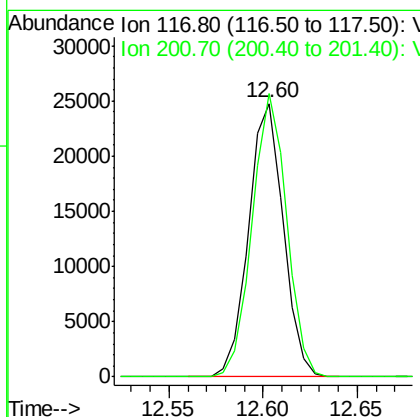
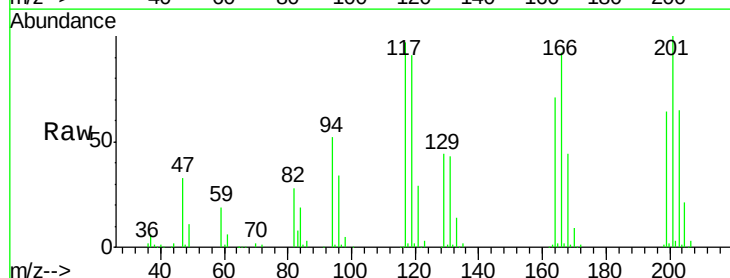
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

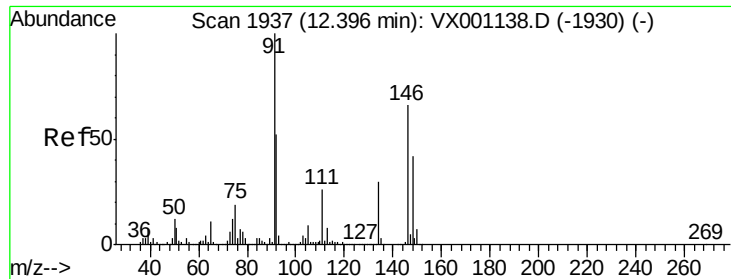
Tgt Ion: 91 Resp: 197002
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 28.0 14.1 42.3



#90
Hexachloroethane
Concen: 18.68 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001137.D
Acq: 26 Apr 2018 17:55

Tgt Ion: 117 Resp: 31640
Ion Ratio Lower Upper
117 100
201 102.5 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 19.97 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

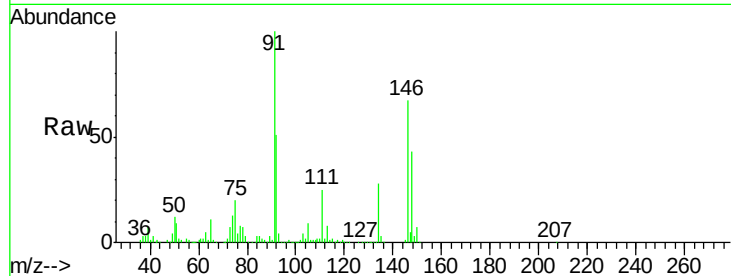
Tgt Ion: 146 Resp: 134303

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.3

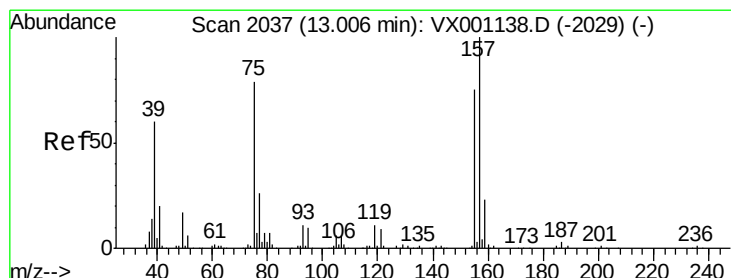
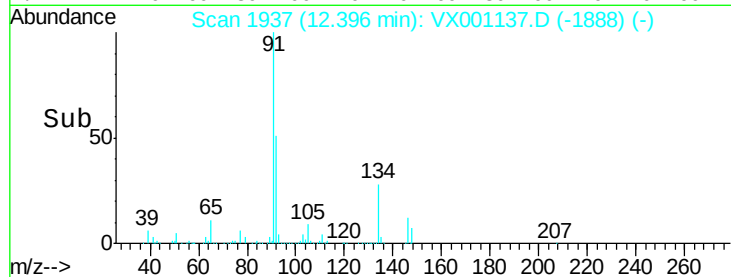
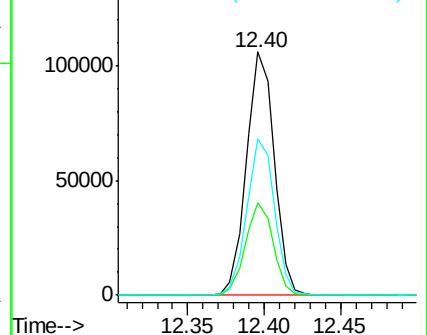
148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.18 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

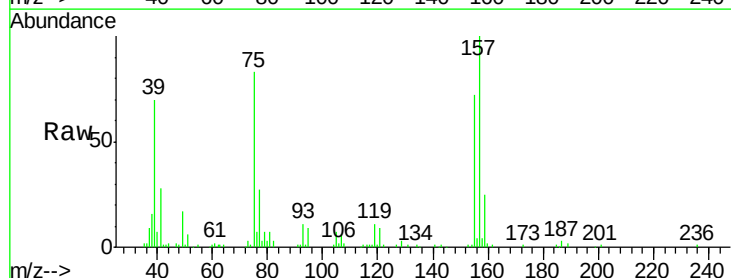
Tgt Ion: 75 Resp: 18310

Ion Ratio Lower Upper

75 100

155 95.4 48.4 145.3

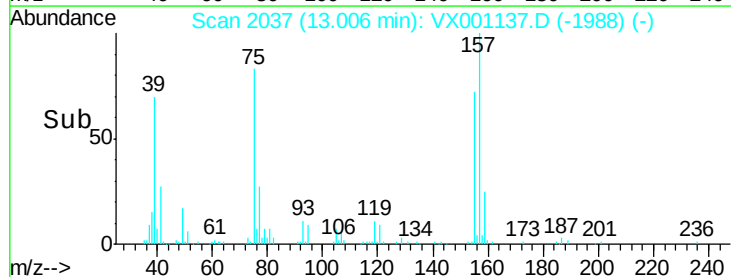
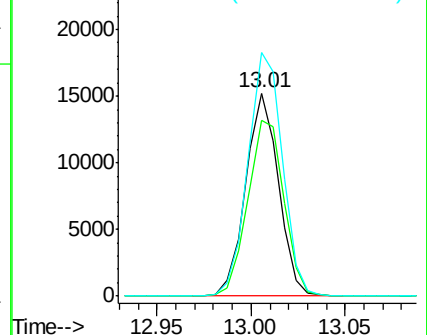
157 126.9 62.7 188.1

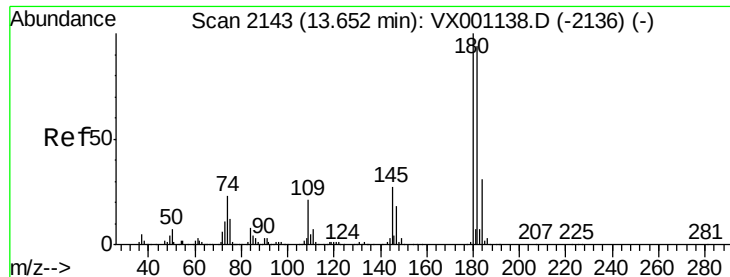


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

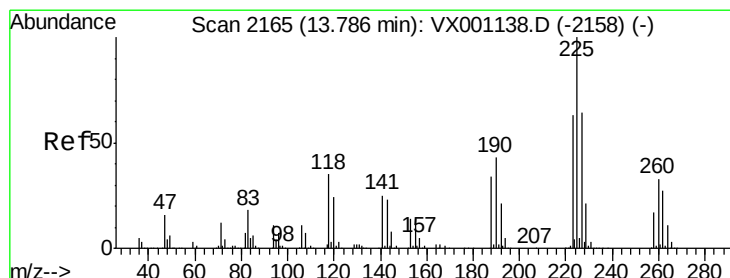
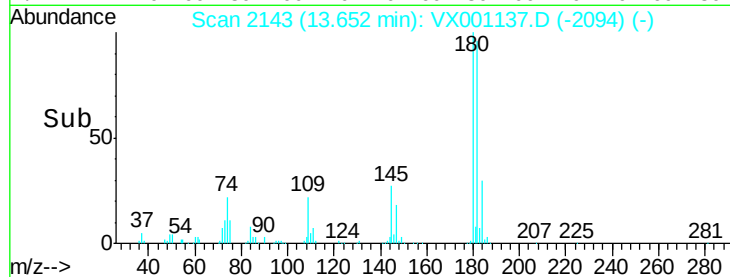
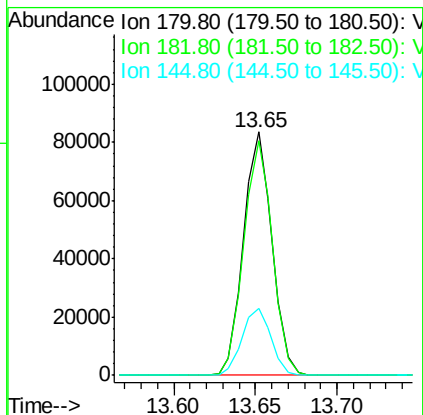
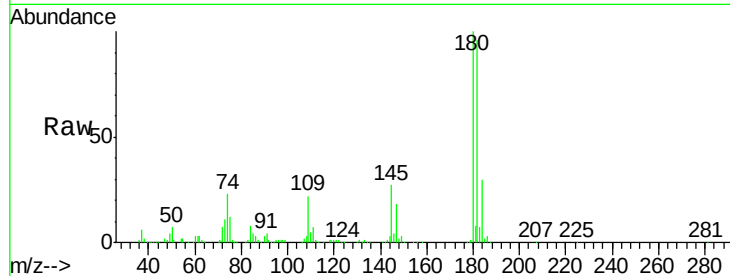




#93
 1,2,4-Trichlorobenzene
 Concen: 18.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

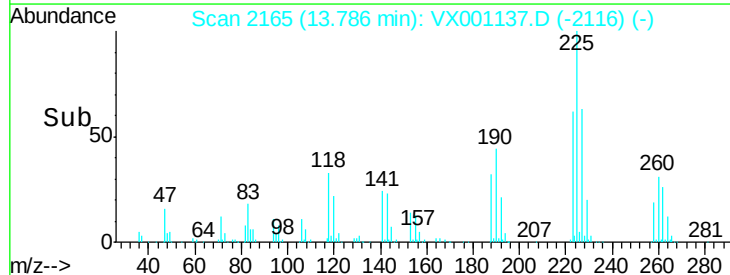
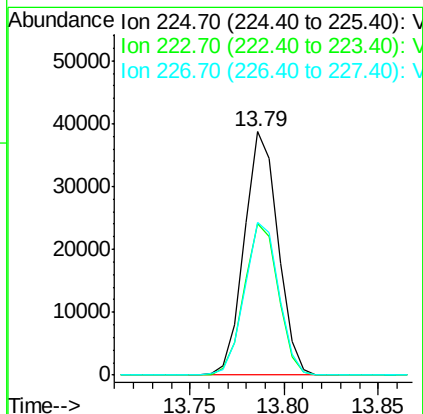
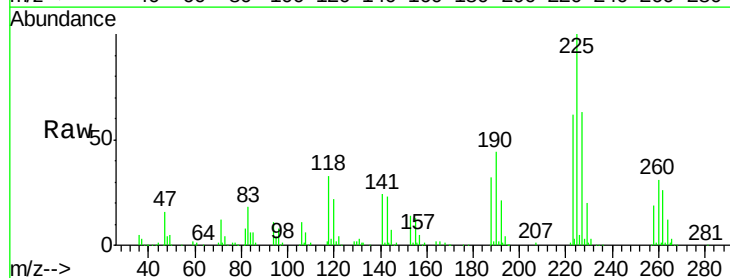
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

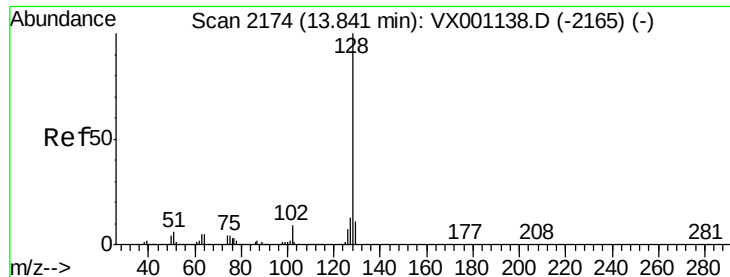
Tgt Ion:180 Resp: 101990
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.6
 145 28.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 18.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001137.D
 Acq: 26 Apr 2018 17:55

Tgt Ion:225 Resp: 48127
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.9
 227 63.4 32.2 96.6





#95

Naphthalene

Concen: 21.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

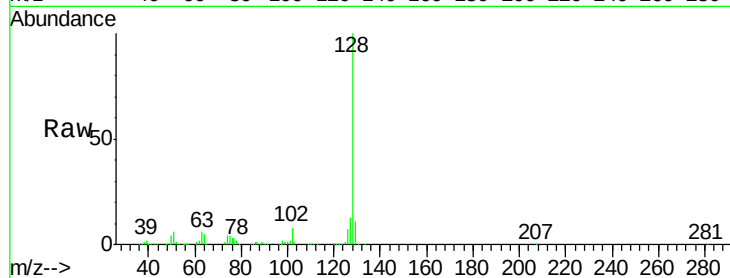
Tgt Ion:128 Resp: 298643

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

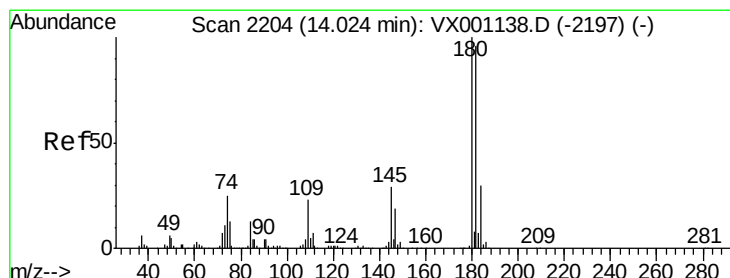
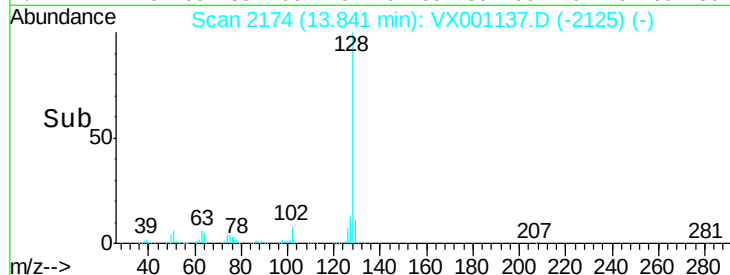
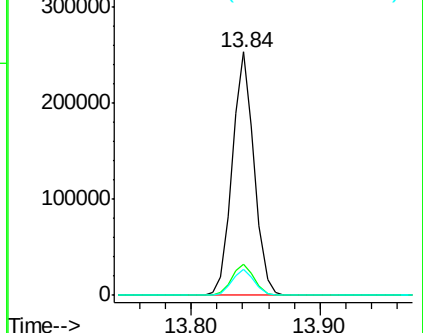
129 10.9 8.8 13.2



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: 19.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001137.D

Acq: 26 Apr 2018 17:55

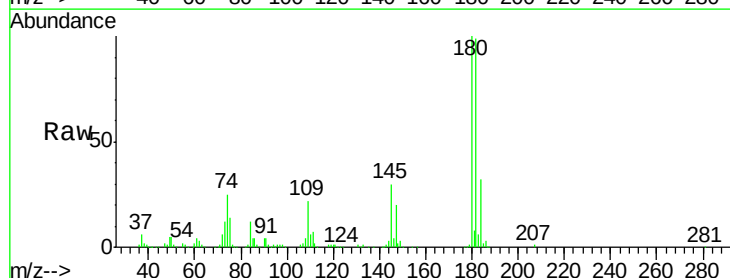
Tgt Ion:180 Resp: 103400

Ion Ratio Lower Upper

180 100

182 98.1 48.2 144.6

145 28.8 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

