

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001935.D
 Acq On : 24 May 2018 10:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 24 12:38:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	396795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	523365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	462408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	8754	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
35) Dibromofluoromethane	5.50	113	6925	1.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	2.72%	
50) Toluene-d8	8.72	98	23906	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	
62) 4-Bromofluorobenzene	11.14	95	8893	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	7979	1.55	ug/l	91
3) Chloromethane	1.32	50	7387	1.26	ug/l	98
4) Vinyl Chloride	1.40	62	6726	1.19	ug/l	95
5) Bromomethane	1.64	94	4540	1.66	ug/l	93
6) Chloroethane	1.73	64	3969	1.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	10902	1.27	ug/l	98
8) Diethyl Ether	2.20	74	3640	1.16	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6272	1.33	ug/l #	87
10) Methyl Iodide	2.51	142	5977	0.82	ug/l #	92
11) Tert butyl alcohol	3.07	59	7051	5.11	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	5586	1.27	ug/l	99
13) Acrolein	2.30	56	3856	7.05	ug/l #	63
14) Allyl chloride	2.73	41	11456	1.21	ug/l	87
15) Acrylonitrile	3.15	53	16152	5.71	ug/l	94
16) Acetone	2.45	43	15914	6.01	ug/l	91
17) Carbon Disulfide	2.57	76	15798	1.23	ug/l	100
18) Methyl Acetate	2.79	43	10220	1.49	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	20584	1.22	ug/l	94
20) Methylene Chloride	2.86	84	7288	1.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	6418	1.36	ug/l	86
22) Diisopropyl ether	3.87	45	23234	1.17	ug/l #	85
23) Vinyl Acetate	3.83	43	96960	6.02	ug/l	98
24) 1,1-Dichloroethane	3.70	63	11075	1.21	ug/l	95
25) 2-Butanone	4.71	43	27532	5.51	ug/l	98
26) 2,2-Dichloropropane	4.58	77	11924	1.32	ug/l #	74
27) cis-1,2-Dichloroethene	4.60	96	7134	1.22	ug/l	17
28) Bromochloromethane	5.03	49	3460	0.83	ug/l #	96
29) Tetrahydrofuran	5.18	42	18534	5.74	ug/l	98
30) Chloroform	5.22	83	13005	1.29	ug/l	98
31) Cyclohexane	5.58	56	12319	1.32	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	11687	1.22	ug/l	97
36) 1,1-Dichloropropene	5.80	75	9089	1.30	ug/l	91
37) Ethyl Acetate	4.87	43	11561	1.25	ug/l #	94
38) Carbon Tetrachloride	5.79	117	10376	1.27	ug/l	86

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001935.D
 Acq On : 24 May 2018 10:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 24 12:38:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11306	1.33	ug/l	93
40) Benzene	6.15	78	24844	1.20	ug/l	97
41) Methacrylonitrile	5.07	41	8806	1.71	ug/l #	85
42) 1,2-Dichloroethane	6.20	62	10780	1.33	ug/l #	76
43) Isopropyl Acetate	6.48	43	17830	1.15	ug/l	97
44) Trichloroethene	7.21	130	7529	1.26	ug/l	98
45) 1,2-Dichloropropane	7.52	63	7173	1.30	ug/l	98
46) Dibromomethane	7.67	93	4518	1.21	ug/l	94
47) Bromodichloromethane	7.91	83	10213	1.30	ug/l #	90
48) Methyl methacrylate	7.78	41	9187	1.18	ug/l	93
49) 1,4-Dioxane	7.76	88	3201	22.71	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	54325	5.81	ug/l	99
52) Toluene	8.79	92	16344	1.25	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	10541	1.14	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	10358	1.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	7276	1.35	ug/l	97
56) Ethyl methacrylate	9.18	69	12149	1.31	ug/l	97
57) 1,3-Dichloropropane	9.38	76	11165	1.24	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	24343	5.84	ug/l	97
59) 2-Hexanone	9.50	43	40257	5.56	ug/l	98
60) Dibromochloromethane	9.59	129	7634	1.17	ug/l	90
61) 1,2-Dibromoethane	9.68	107	6963	1.21	ug/l	96
64) Tetrachloroethene	9.34	164	8385	1.32	ug/l	98
65) Chlorobenzene	10.14	112	17966	1.28	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	7141	1.27	ug/l	97
67) Ethyl Benzene	10.26	91	30441	1.23	ug/l	98
68) m/p-Xylenes	10.37	106	23372	2.48	ug/l	98
69) o-Xylene	10.70	106	11698	1.26	ug/l	100
70) Styrene	10.72	104	18882	1.21	ug/l	97
71) Bromoform	10.86	173	6296	1.15	ug/l #	99
73) Isopropylbenzene	11.02	105	30370	1.31	ug/l	98
74) N-amyl acetate	6.48	43	17830	1.31	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	9523	1.41	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	12045	1.90	ug/l	83
77) Bromobenzene	11.26	156	7779	1.26	ug/l	98
78) n-propylbenzene	11.37	91	33673	1.28	ug/l	96
79) 2-Chlorotoluene	11.43	91	21938	1.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	26108	1.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	3596	1.35	ug/l #	79
82) 4-Chlorotoluene	11.52	91	23803	1.30	ug/l	96
83) tert-Butylbenzene	11.77	119	25432	1.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	27246	1.34	ug/l	99
85) sec-Butylbenzene	11.95	105	30543	1.30	ug/l	98
86) p-Isopropyltoluene	12.07	119	27215	1.29	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	14034	1.28	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	14034	1.27	ug/l	98
89) n-Butylbenzene	12.39	91	22225	1.21	ug/l	98
90) Hexachloroethane	12.60	117	5489	1.33	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	14319	1.27	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2527	1.22	ug/l	97

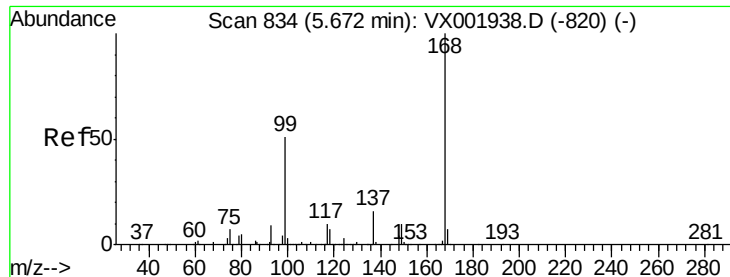
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
Data File : VX001935.D
Acq On : 24 May 2018 10:26
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 24 12:38:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 12:37:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	9873	1.20	ug/l	98
94) Hexachlorobutadiene	13.79	225	5435	1.23	ug/l	95
95) Naphthalene	13.84	128	30120	1.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10169	1.20	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

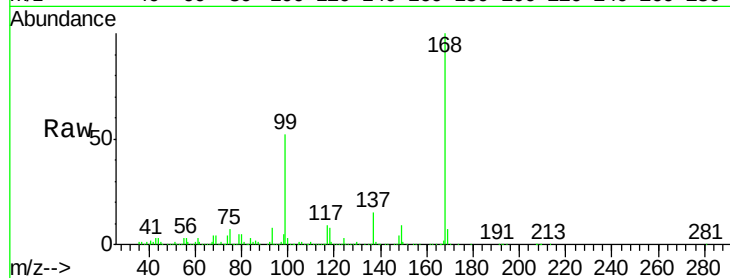
VSTDIC001

Tgt Ion:168 Resp: 396795

Ion Ratio Lower Upper

168 100

99 51.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

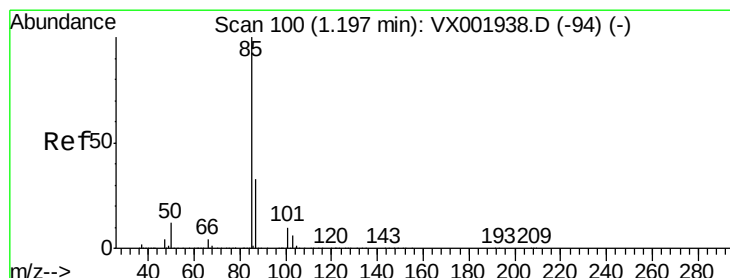
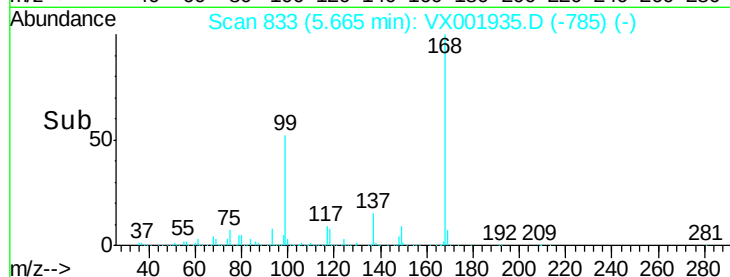
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.55 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001935.D

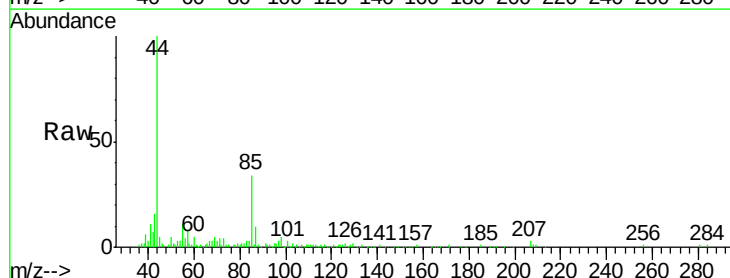
Acq: 24 May 2018 10:26

Tgt Ion: 85 Resp: 7979

Ion Ratio Lower Upper

85 100

87 28.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

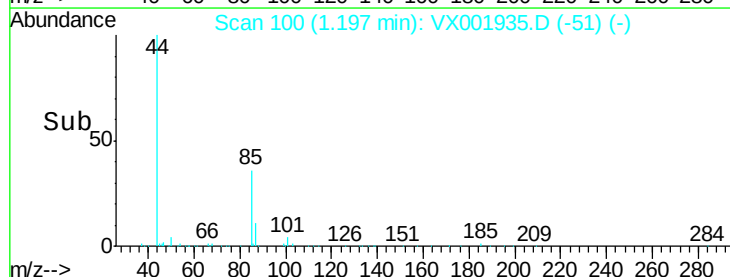
4000

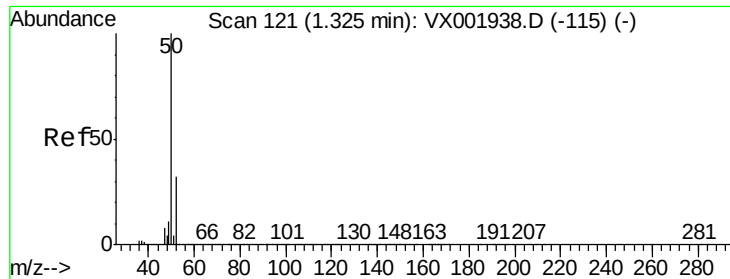
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

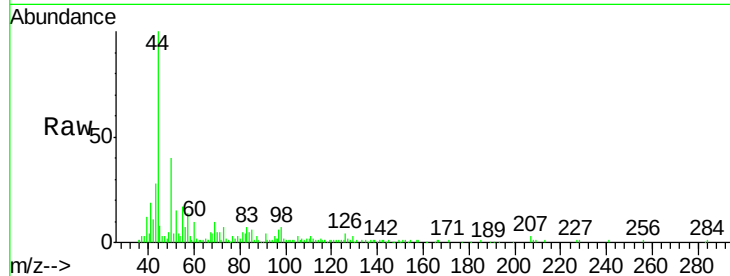
VSTDIC001

Tgt Ion: 50 Resp: 7387

Ion Ratio Lower Upper

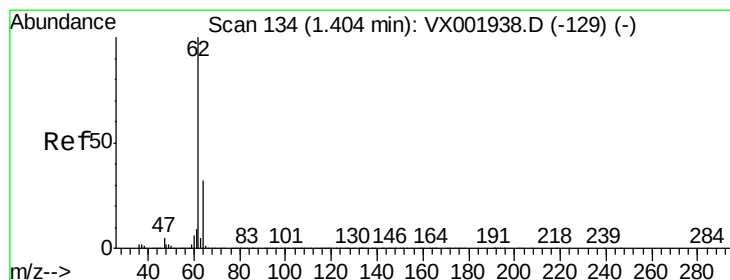
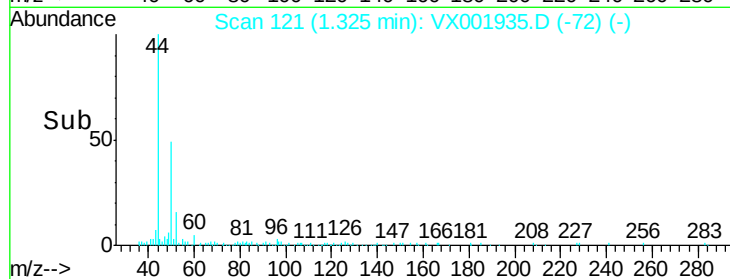
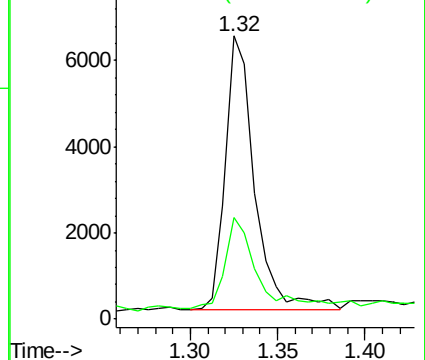
50 100

52 33.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001935.D

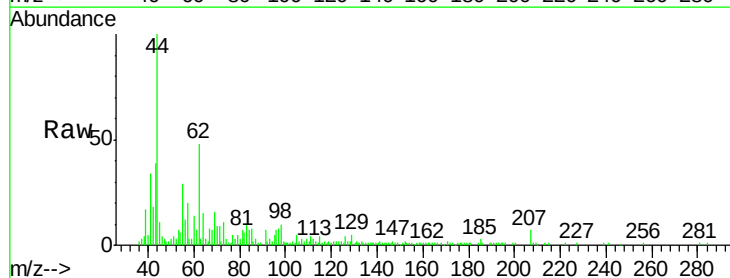
Acq: 24 May 2018 10:26

Tgt Ion: 62 Resp: 6726

Ion Ratio Lower Upper

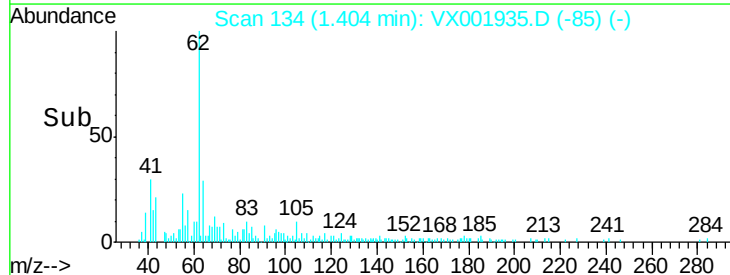
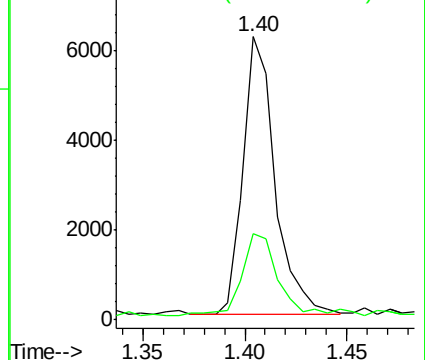
62 100

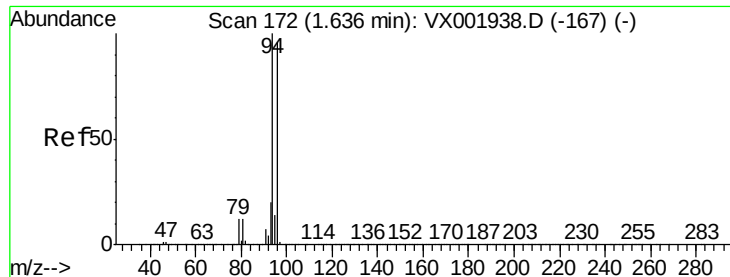
64 28.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.66 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

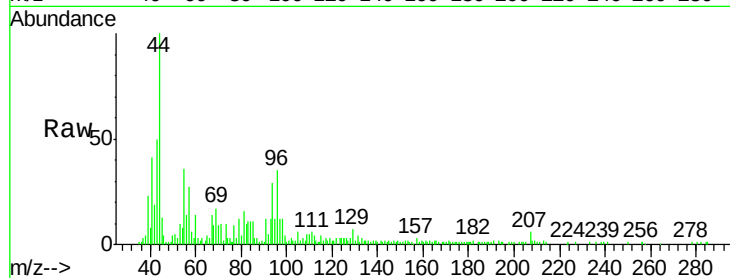
VSTDIC001

Tgt Ion: 94 Resp: 4540

Ion Ratio Lower Upper

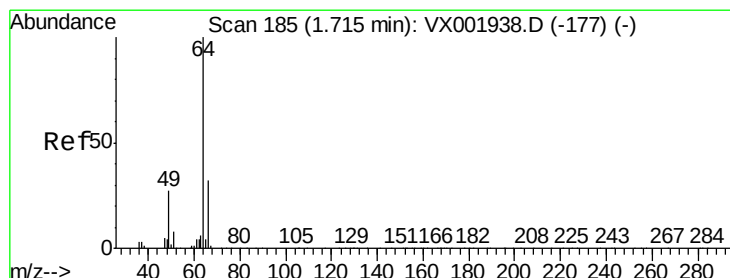
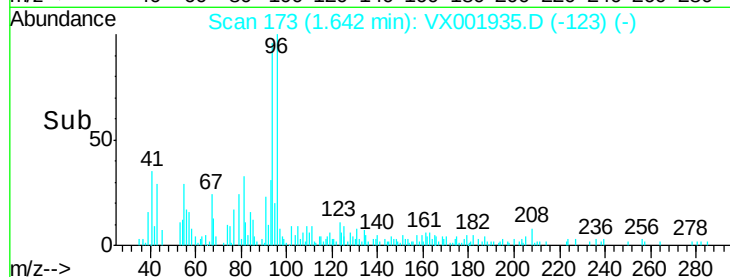
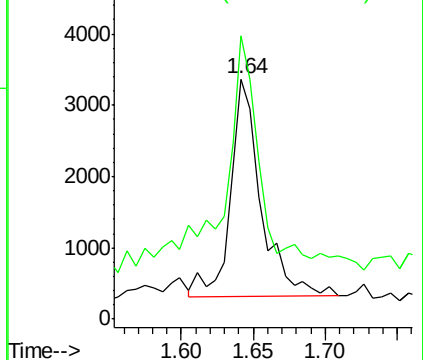
94 100

96 101.4 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001935.D

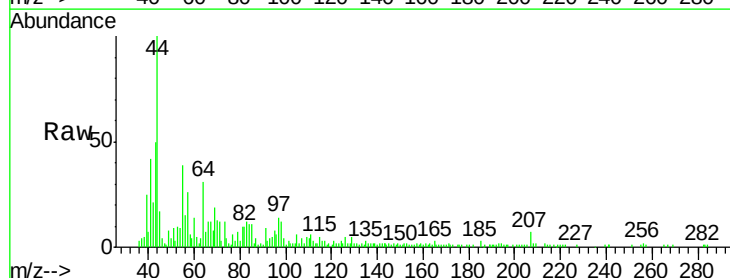
Acq: 24 May 2018 10:26

Tgt Ion: 64 Resp: 3969

Ion Ratio Lower Upper

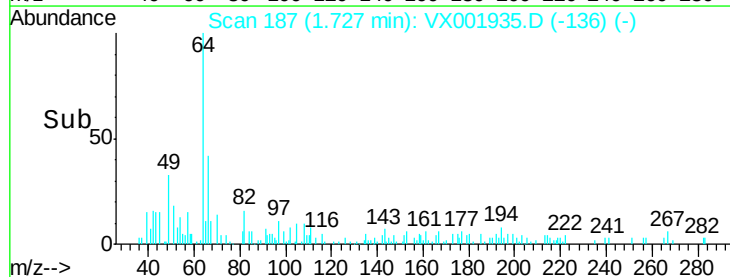
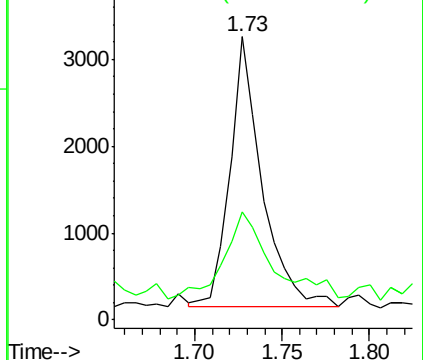
64 100

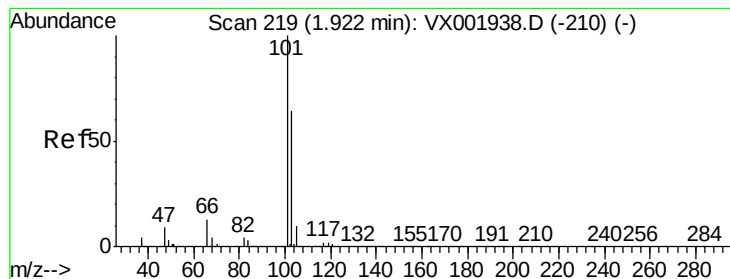
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



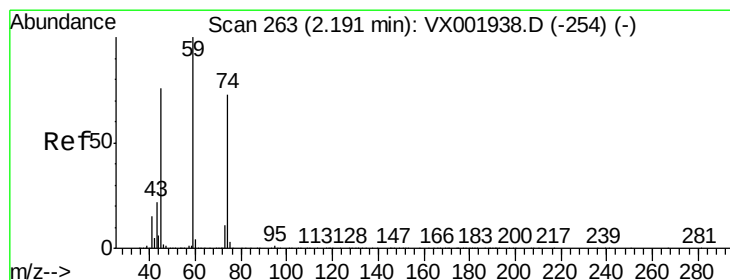
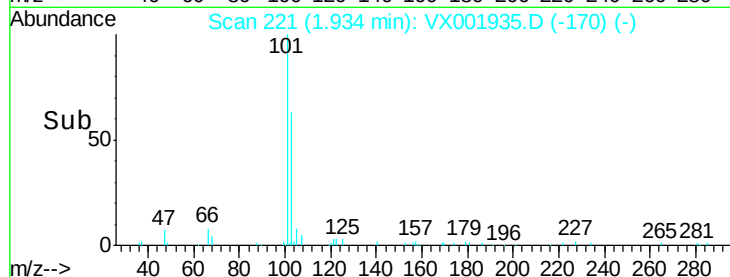
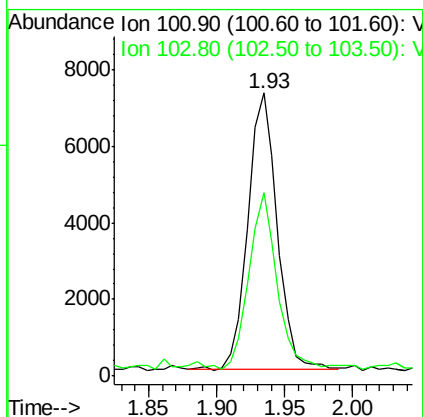
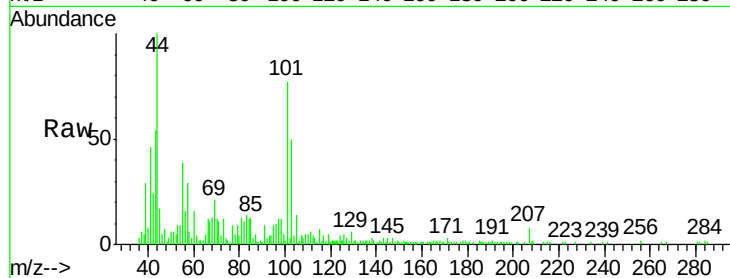


#7

Trichlorofluoromethane
Concen: 1.27 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

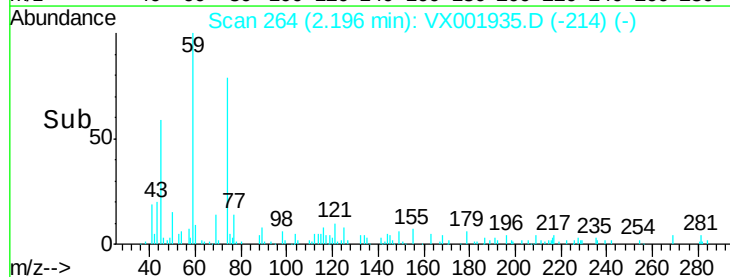
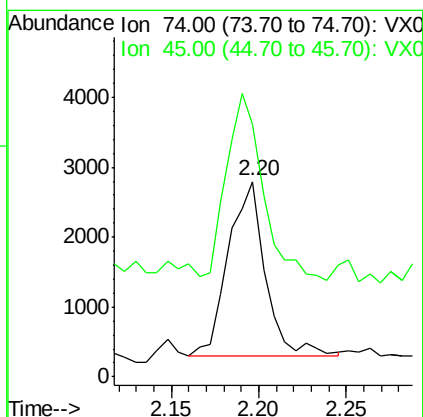
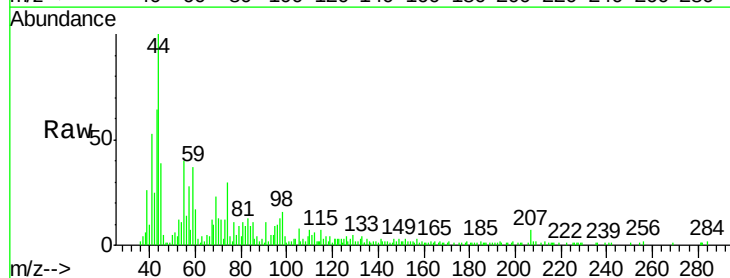
Tgt Ion:101 Resp: 10902
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0

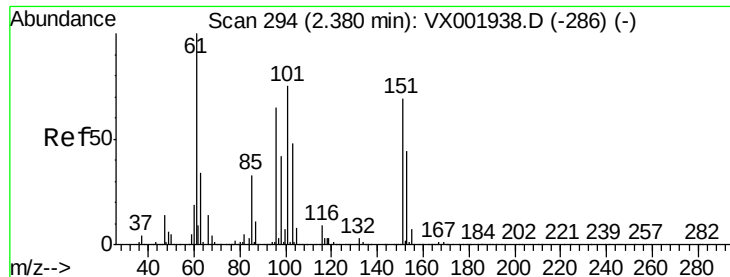


#8

Diethyl Ether
Concen: 1.16 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion: 74 Resp: 3640
Ion Ratio Lower Upper
74 100
45 107.6 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

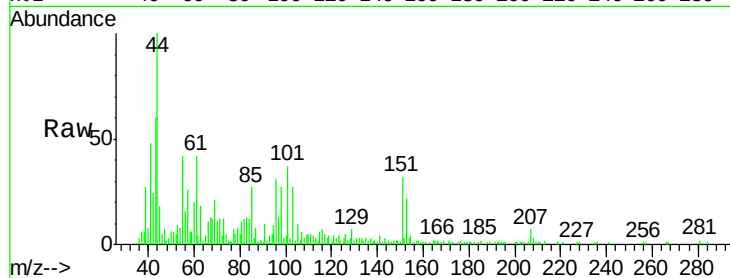
Tgt Ion:101 Resp: 6272

Ion Ratio Lower Upper

101 100

85 64.7 35.6 53.4#

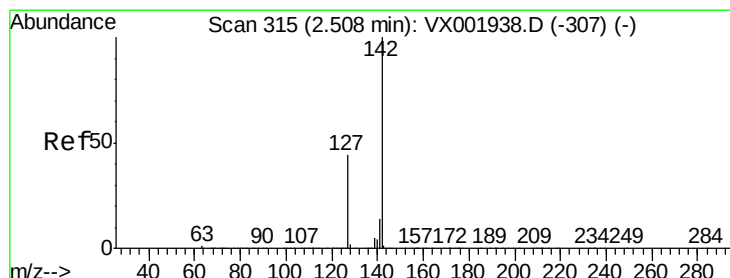
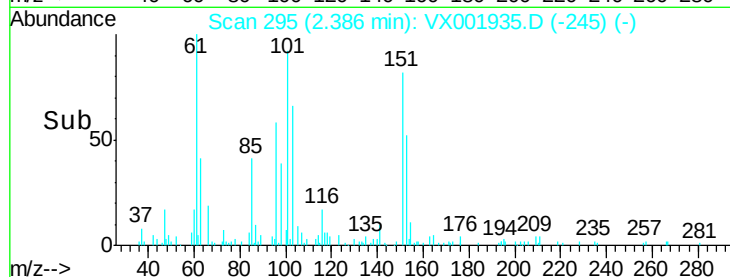
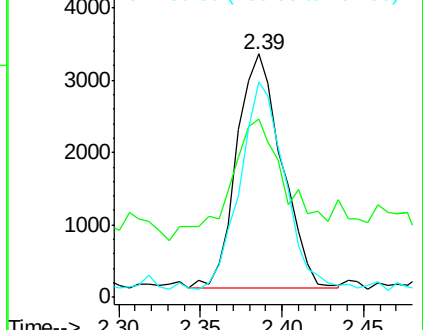
151 87.0 73.2 109.8



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: 0.82 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

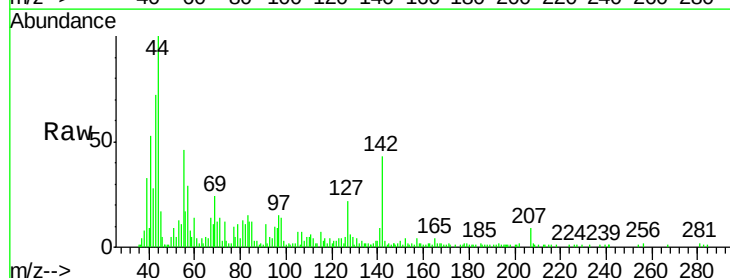
Tgt Ion:142 Resp: 5977

Ion Ratio Lower Upper

142 100

127 49.2 35.5 53.3

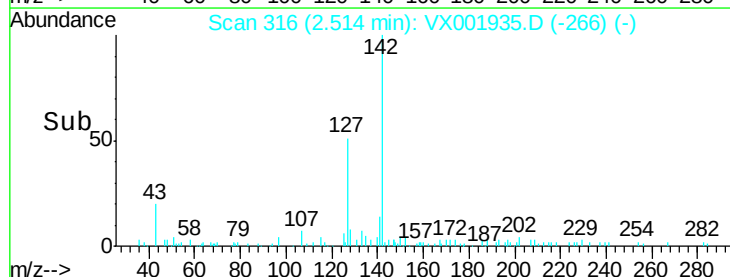
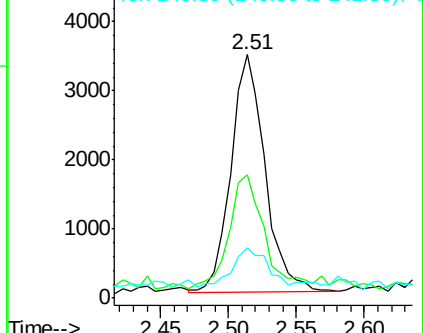
141 18.4 11.3 16.9#

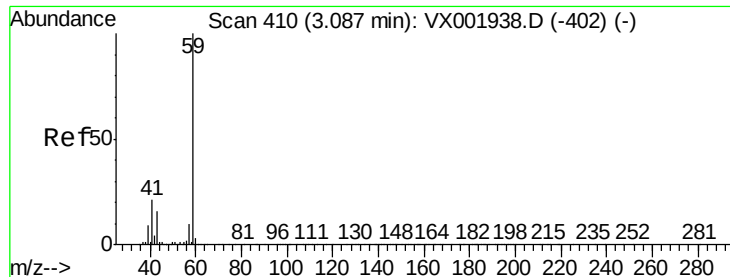


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



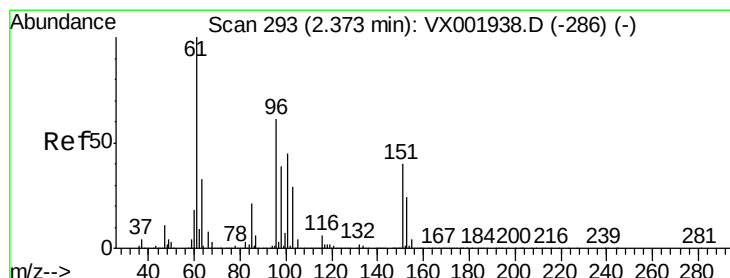
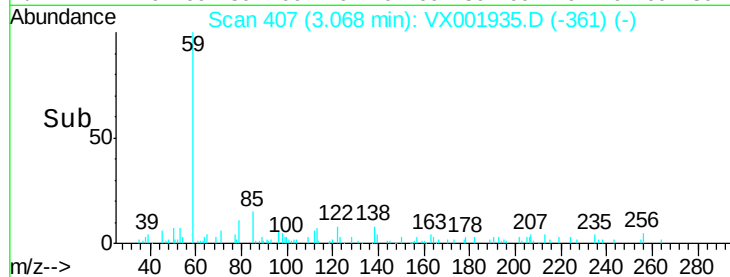
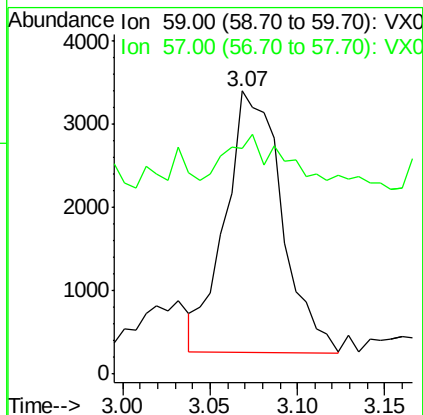
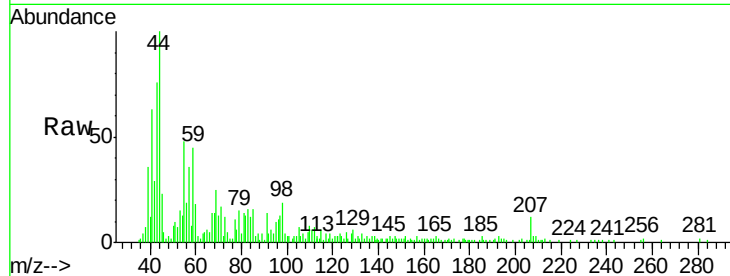


#11

Tert butyl alcohol
Concen: 5.11 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

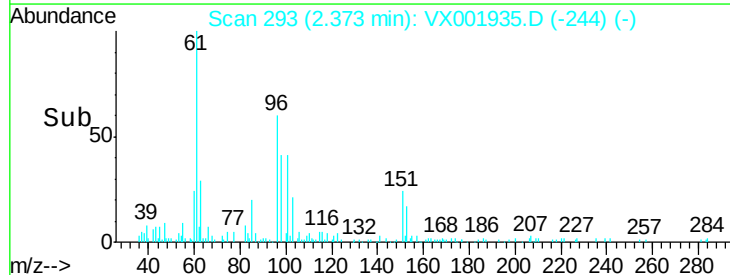
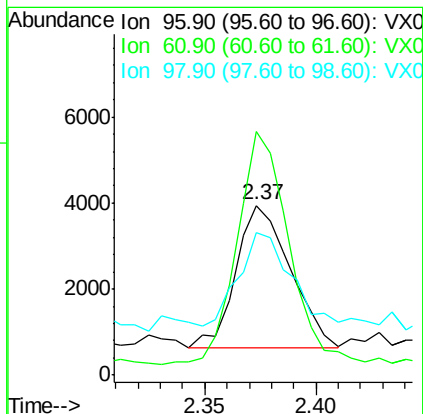
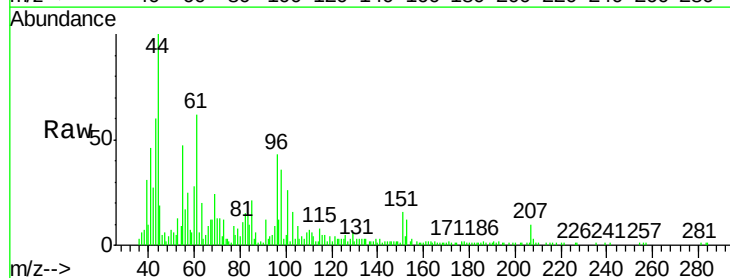
Tgt Ion: 59 Resp: 7051
Ion Ratio Lower Upper
59 100
57 16.0 8.9 13.3#

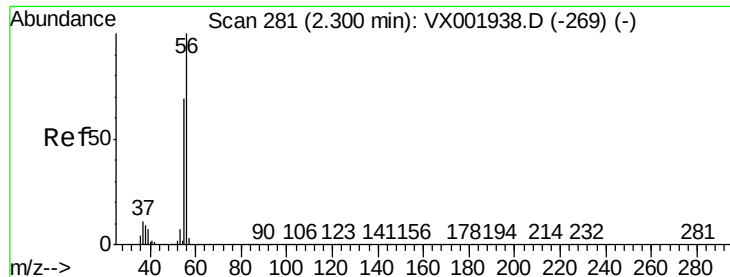


#12

1,1-Dichloroethene
Concen: 1.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion: 96 Resp: 5586
Ion Ratio Lower Upper
96 100
61 162.8 131.7 197.5
98 63.0 51.6 77.4





#13

Acrolein

Concen: 7.05 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

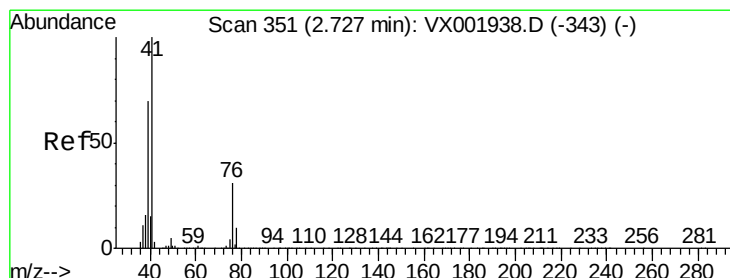
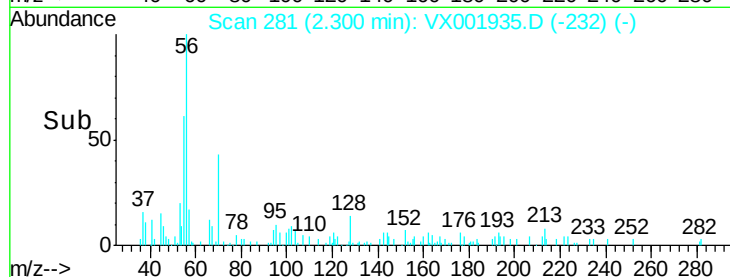
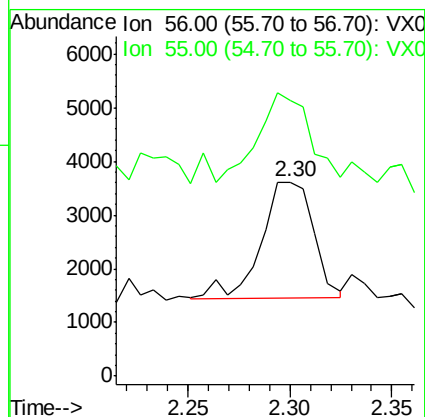
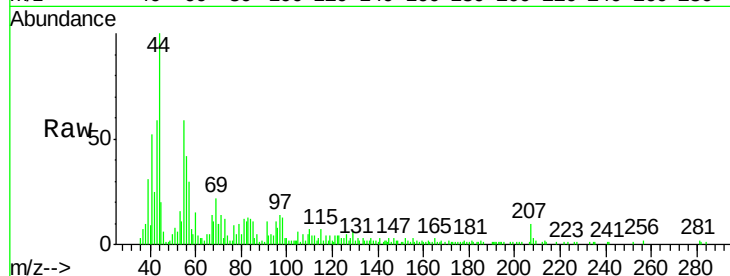
VSTDIC001

Tgt Ion: 56 Resp: 3856

Ion Ratio Lower Upper

56 100

55 101.3 56.8 85.2#



#14

Allyl chloride

Concen: 1.21 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

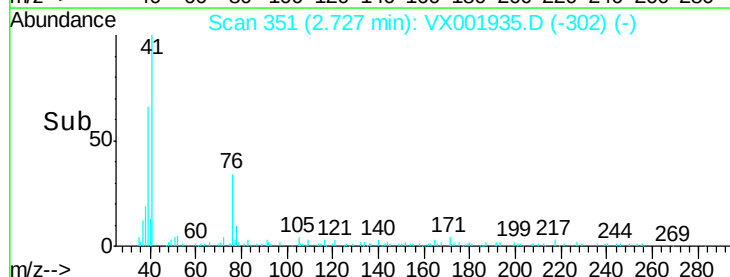
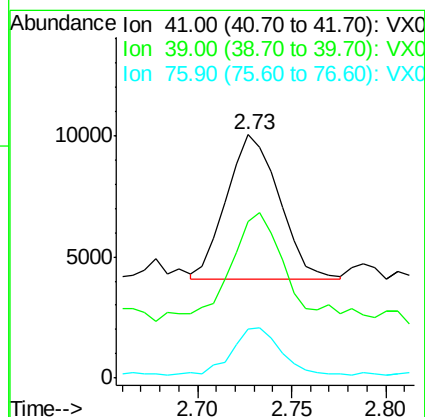
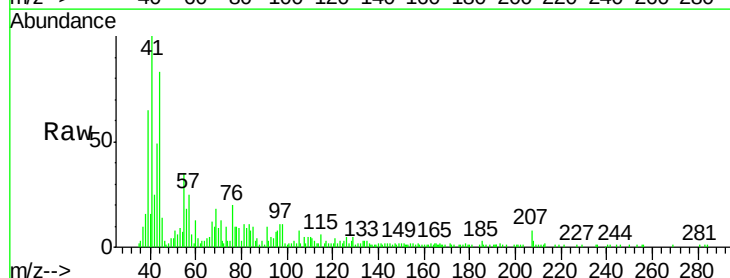
Tgt Ion: 41 Resp: 11456

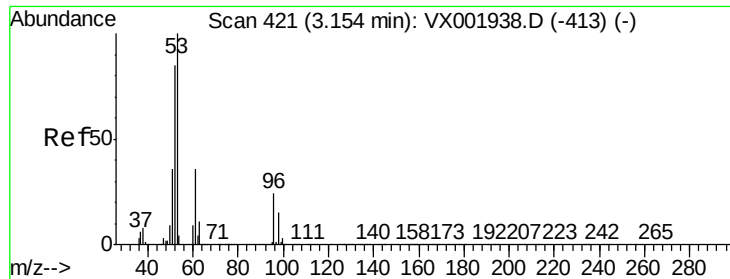
Ion Ratio Lower Upper

41 100

39 81.5 54.3 81.5

76 32.2 24.2 36.4

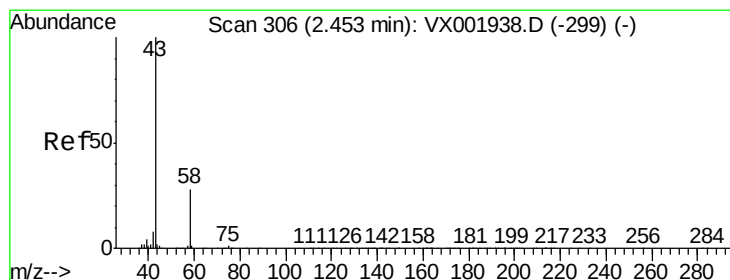
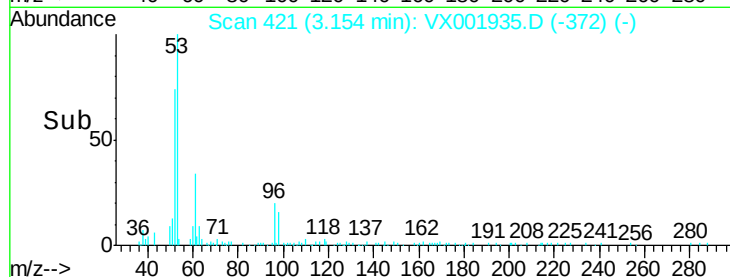
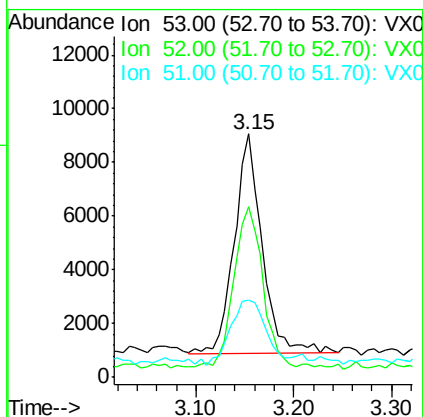
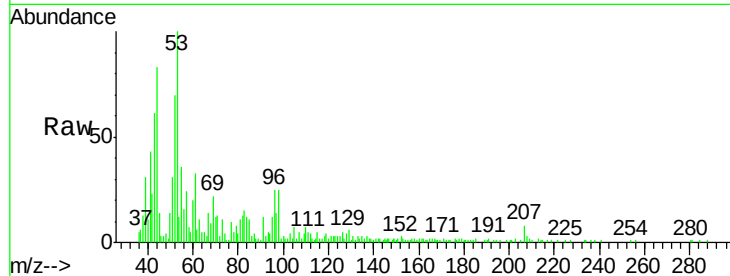




#15
 Acrylonitrile
 Concen: 5.71 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

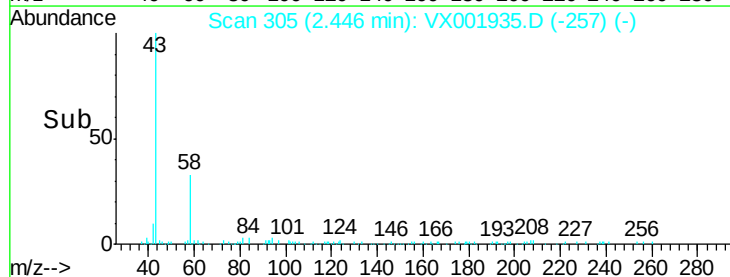
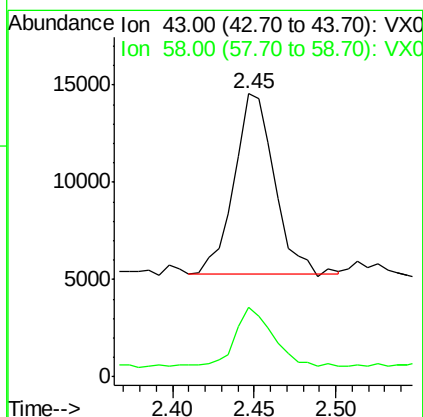
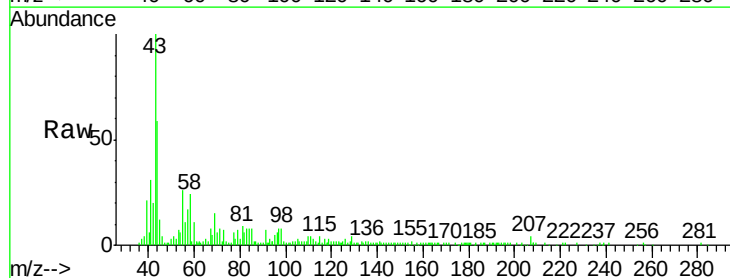
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

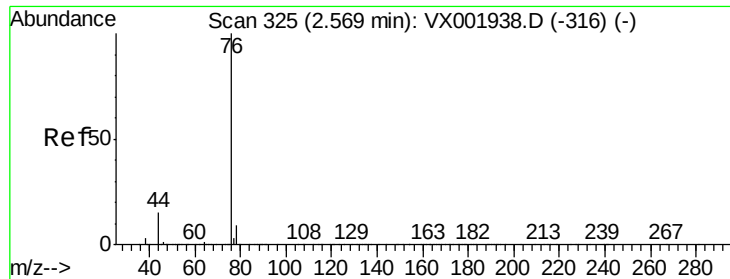
Tgt Ion: 53 Resp: 16152
 Ion Ratio Lower Upper
 53 100
 52 75.7 66.4 99.6
 51 37.8 29.3 43.9



#16
 Acetone
 Concen: 6.01 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion: 43 Resp: 15914
 Ion Ratio Lower Upper
 43 100
 58 32.8 22.3 33.5





#17

Carbon Disulfide

Concen: 1.23 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

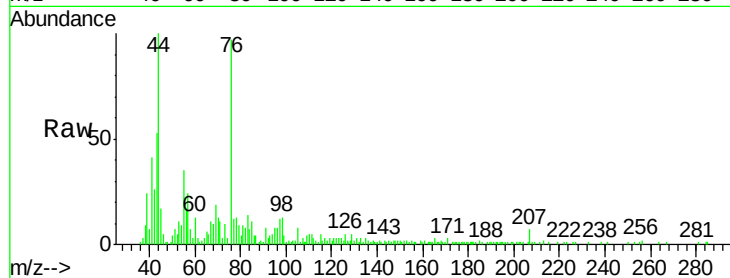
VSTDIC001

Tgt Ion: 76 Resp: 15798

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

10000

8000

6000

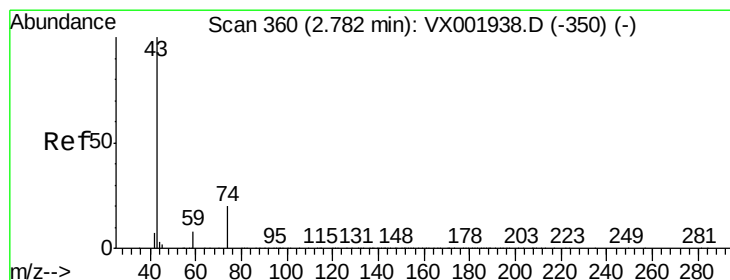
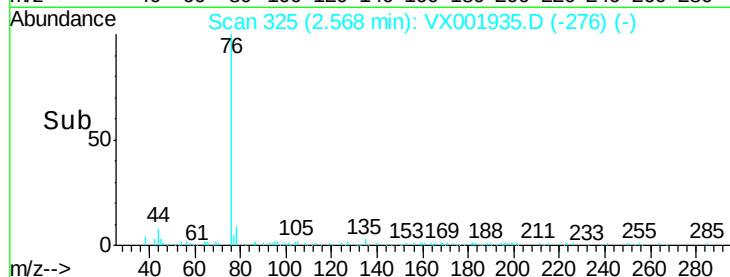
4000

2000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 1.49 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001935.D

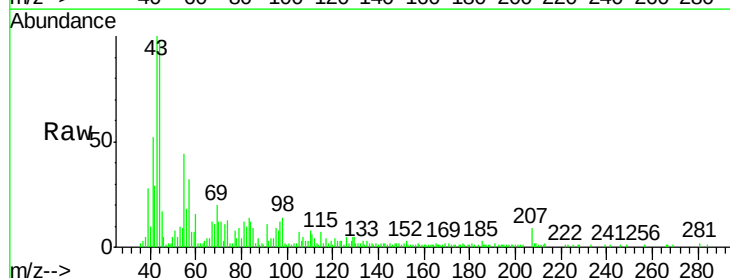
Acq: 24 May 2018 10:26

Tgt Ion: 43 Resp: 10220

Ion Ratio Lower Upper

43 100

74 17.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

10000

8000

6000

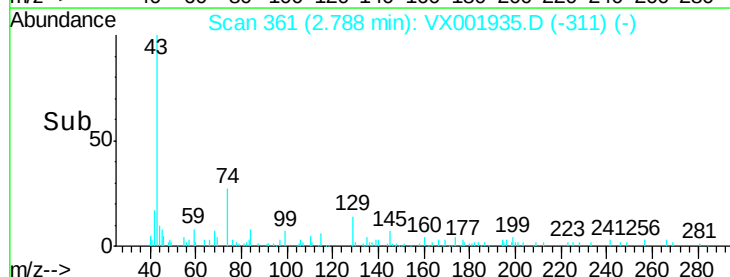
4000

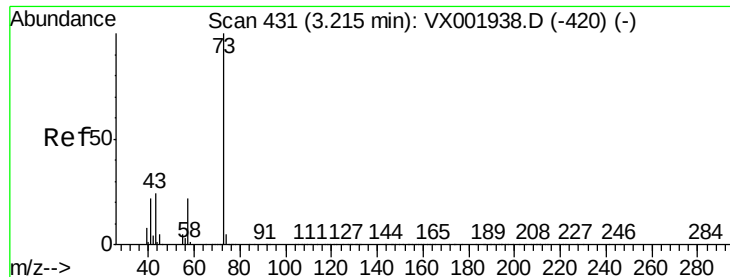
2000

0

Time-->

2.70 2.75 2.80 2.85 2.90

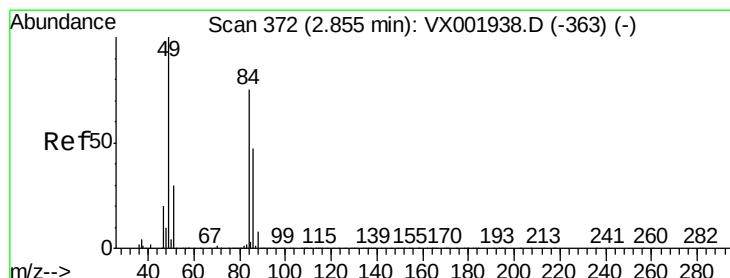
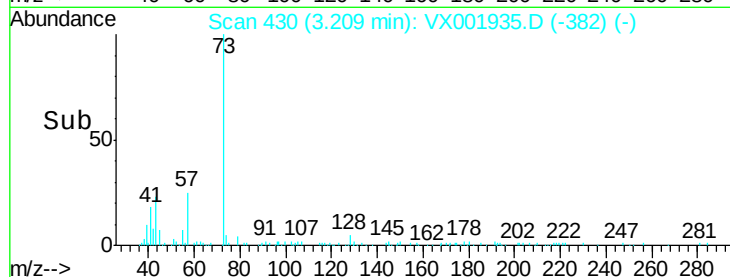
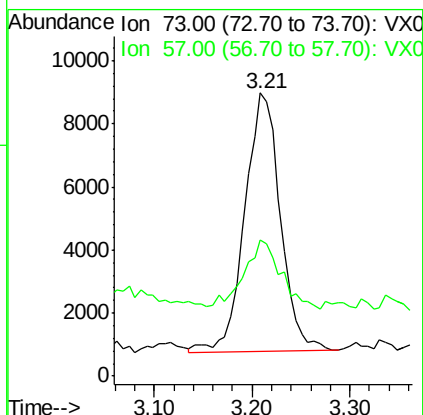
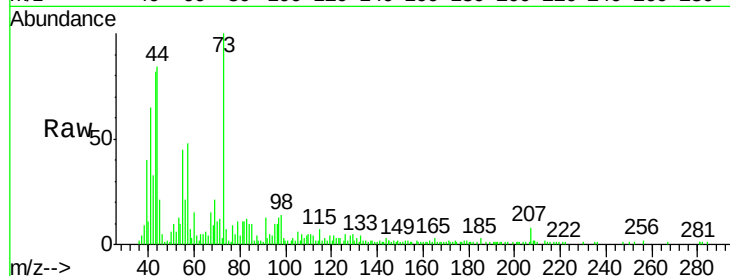




#19
Methyl tert-butyl Ether
Concen: 1.22 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

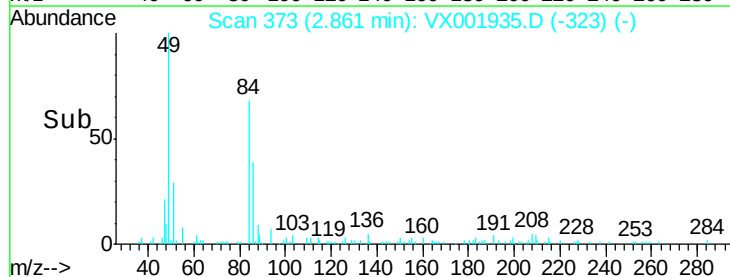
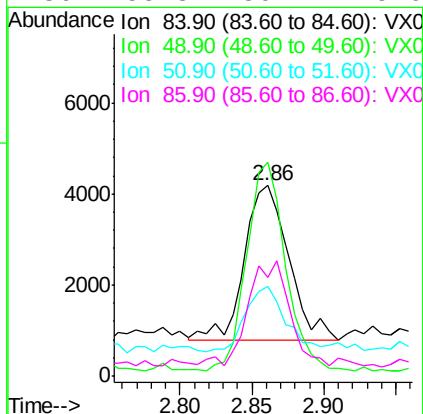
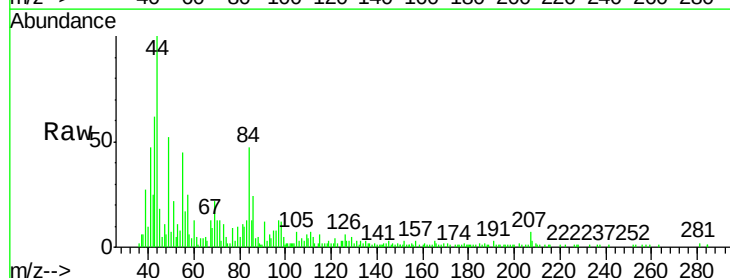
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

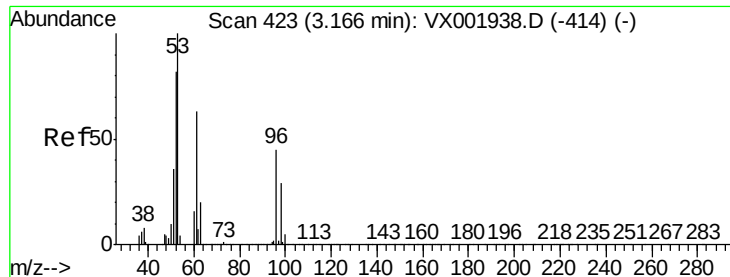
Tgt Ion: 73 Resp: 20584
Ion Ratio Lower Upper
73 100
57 24.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion: 84 Resp: 7288
Ion Ratio Lower Upper
84 100
49 134.0 107.2 160.8
51 38.7 32.4 48.6
86 55.3 50.4 75.6

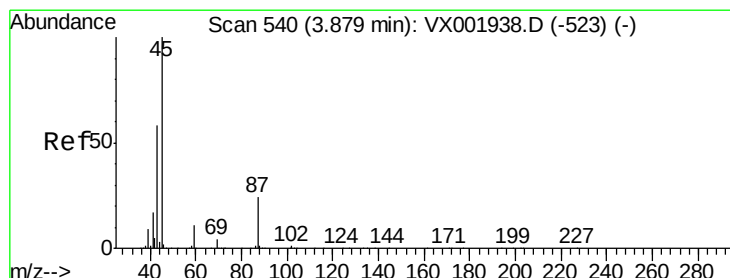
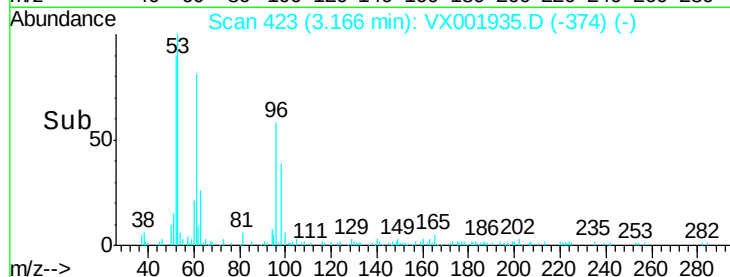
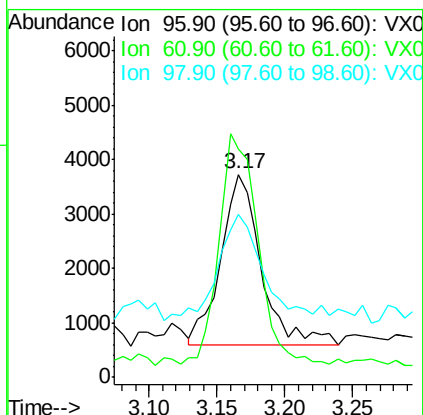
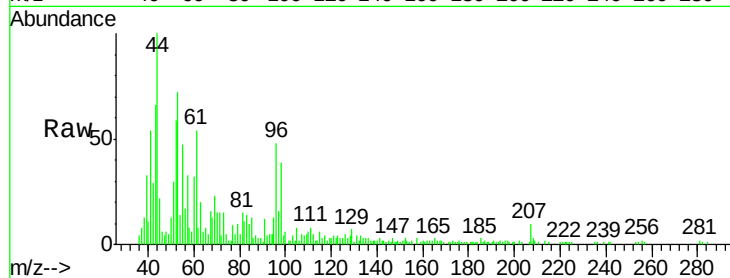




#21
trans-1,2-Dichloroethene
Concen: 1.36 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

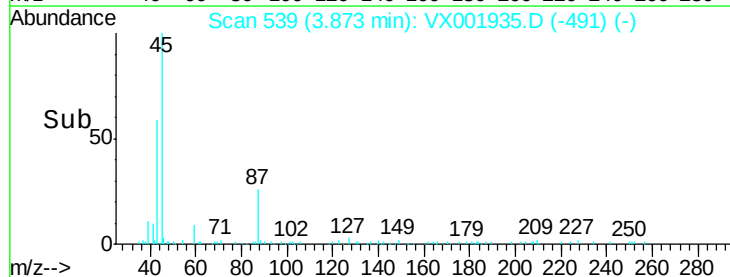
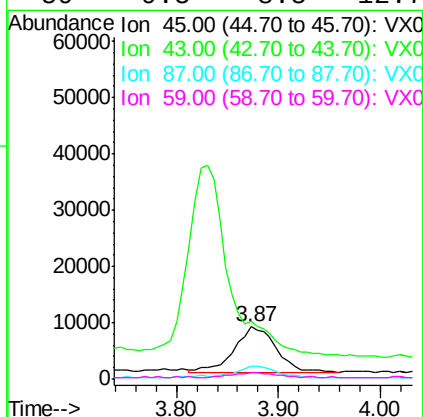
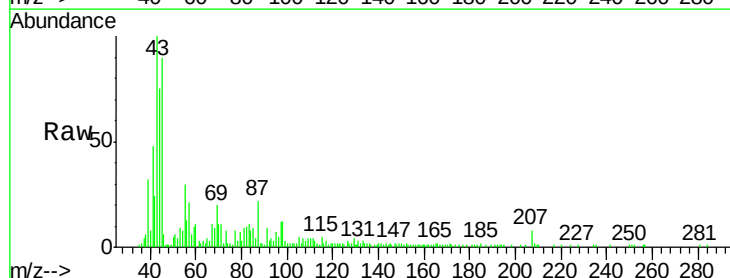
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

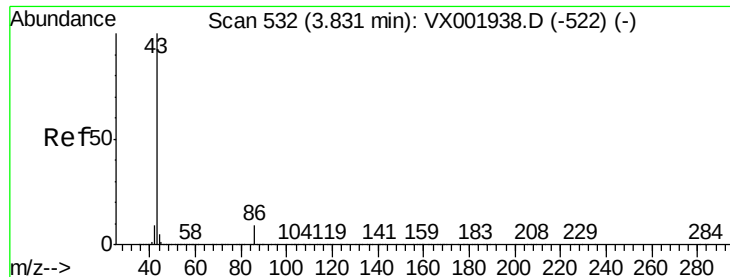
Tgt Ion: 96 Resp: 6418
Ion Ratio Lower Upper
96 100
61 123.3 113.3 169.9
98 56.3 51.7 77.5



#22
Diisopropyl ether
Concen: 1.17 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion: 45 Resp: 23234
Ion Ratio Lower Upper
45 100
43 75.0 47.0 70.6#
87 25.5 19.4 29.0
59 9.5 8.5 12.7





#23

Vinyl Acetate

Concen: 6.02 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

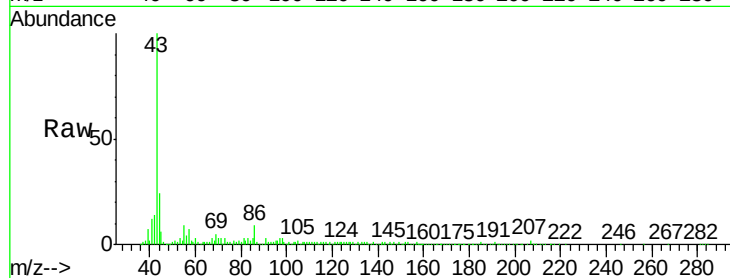
VSTDIC001

Tgt Ion: 43 Resp: 96960

Ion Ratio Lower Upper

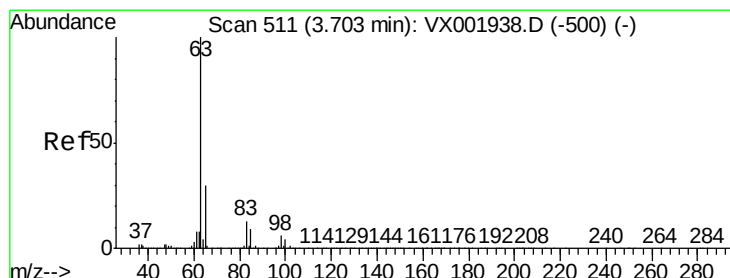
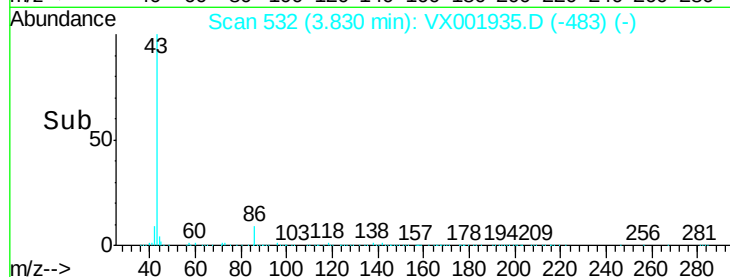
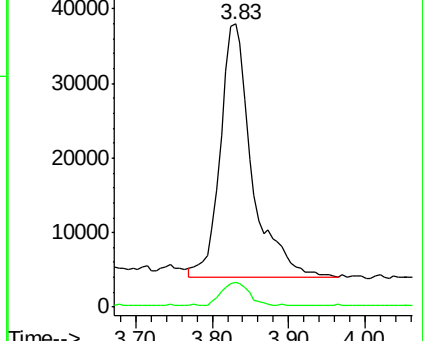
43 100

86 8.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

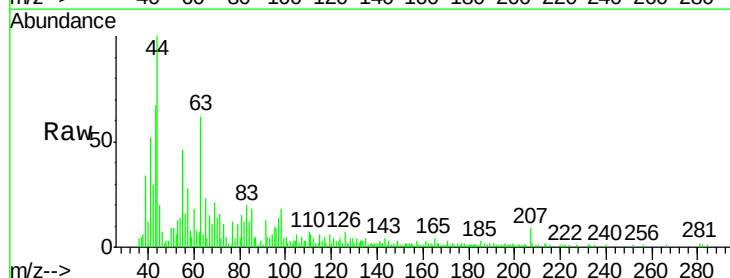
Tgt Ion: 63 Resp: 11075

Ion Ratio Lower Upper

63 100

98 9.1 3.3 9.8

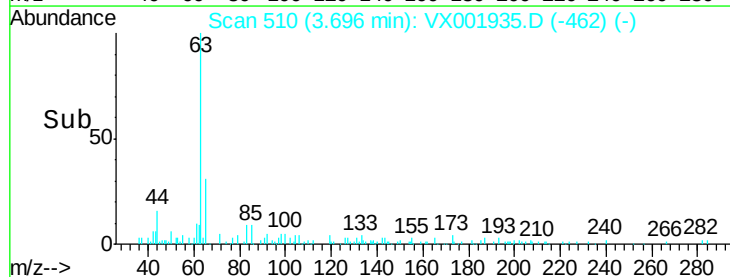
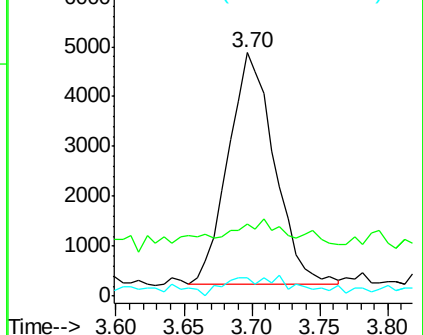
100 4.6 2.1 6.5

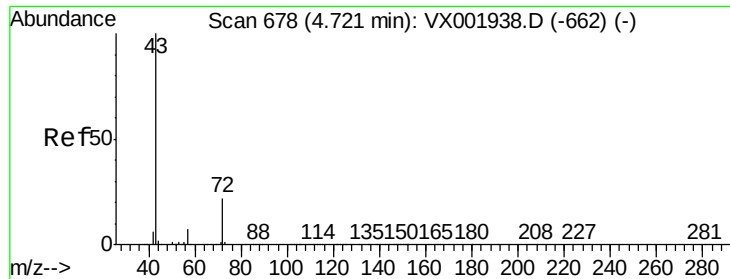


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.51 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

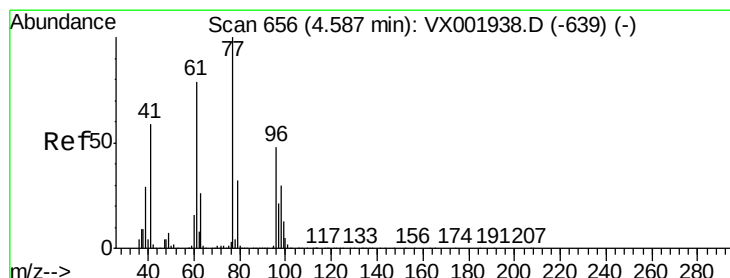
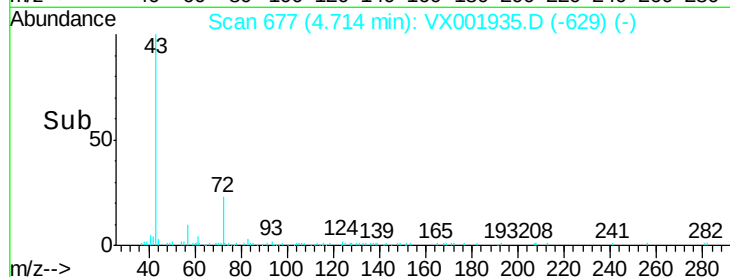
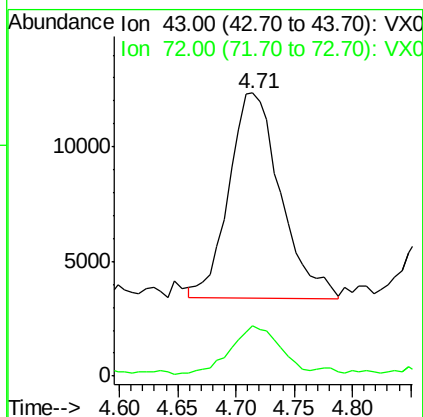
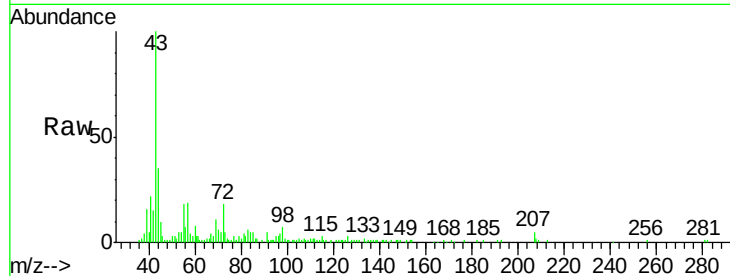
VSTDIC001

Tgt Ion: 43 Resp: 27532

Ion Ratio Lower Upper

43 100

72 23.3 17.9 26.9



#26

2,2-Dichloropropane

Concen: 1.32 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX001935.D

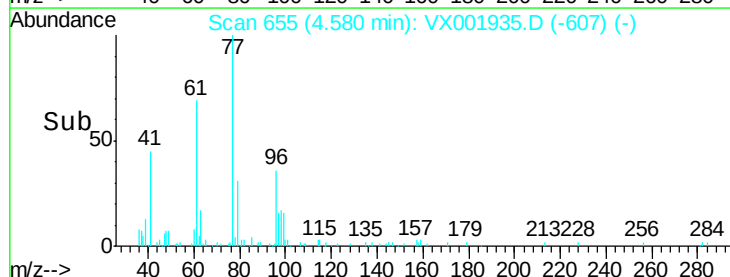
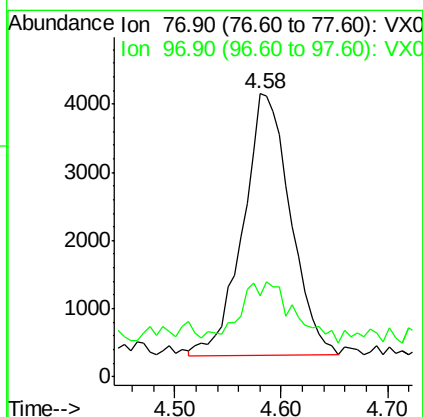
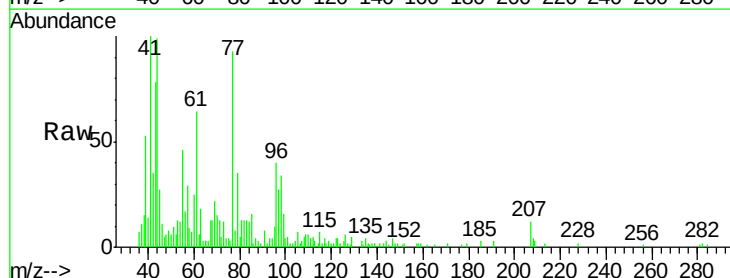
Acq: 24 May 2018 10:26

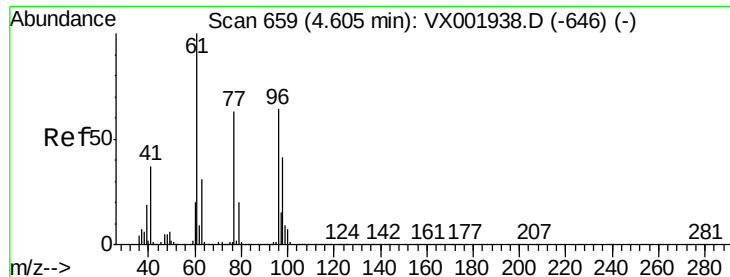
Tgt Ion: 77 Resp: 11924

Ion Ratio Lower Upper

77 100

97 9.8 11.2 33.5#





#27

cis-1,2-Dichloroethene

Concen: 1.22 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

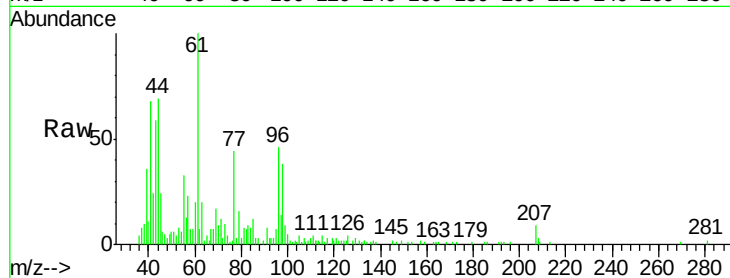
Tgt Ion: 96 Resp: 7134

Ion Ratio Lower Upper

96 100

61 325.2 0.0 348.4

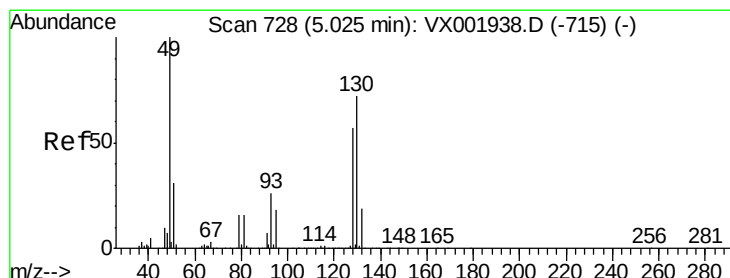
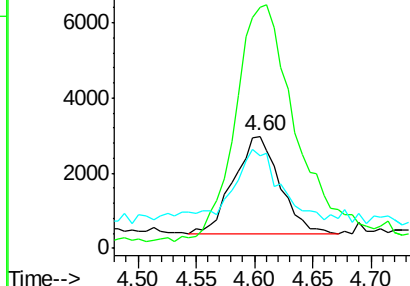
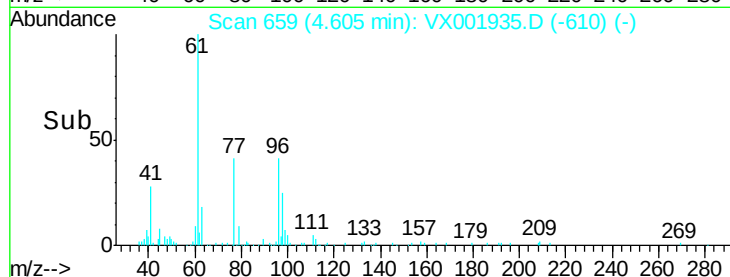
98 76.0 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 0.83 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

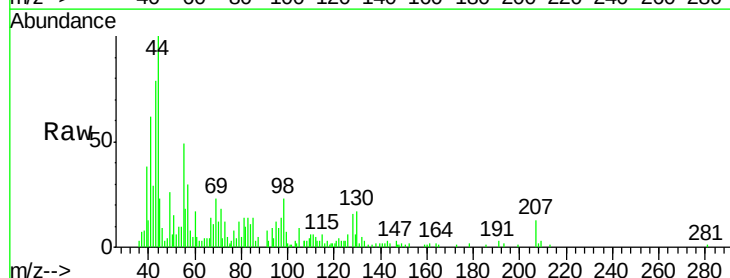
Tgt Ion: 49 Resp: 3460

Ion Ratio Lower Upper

49 100

129 14.3 0.0 3.8#

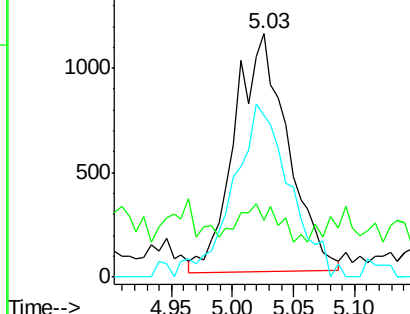
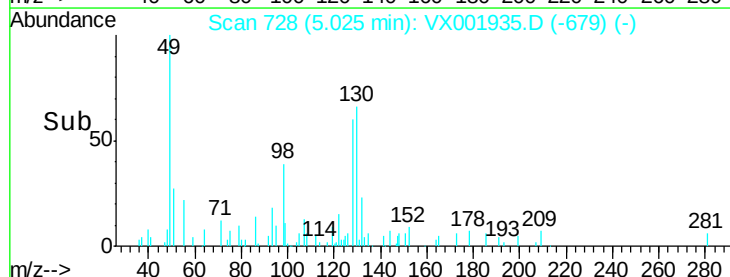
130 77.1 59.4 89.2

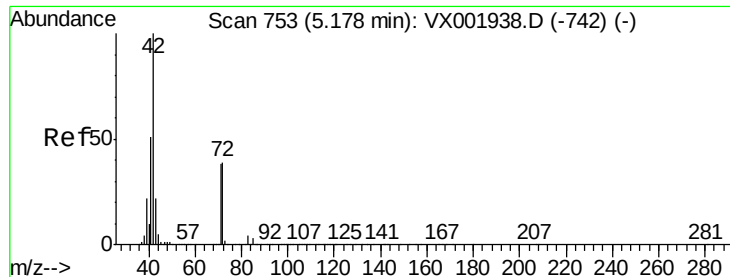


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 5.74 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

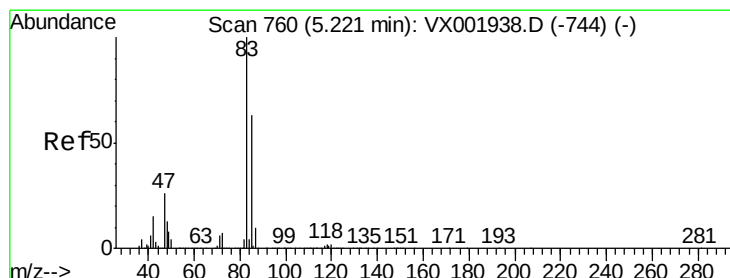
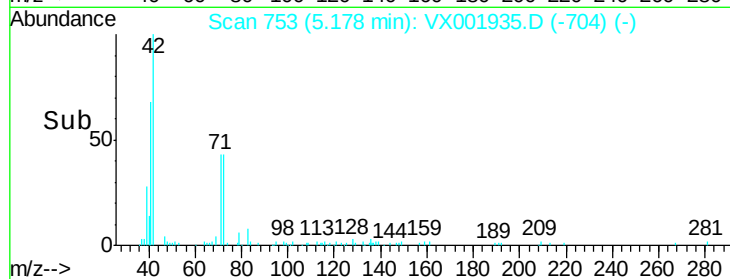
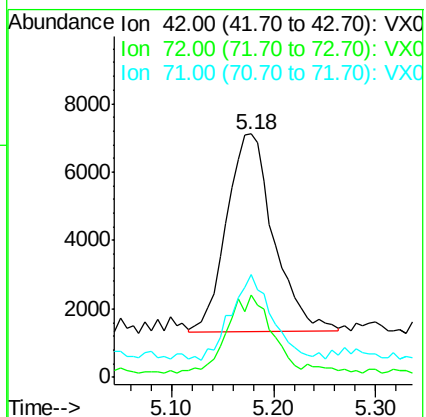
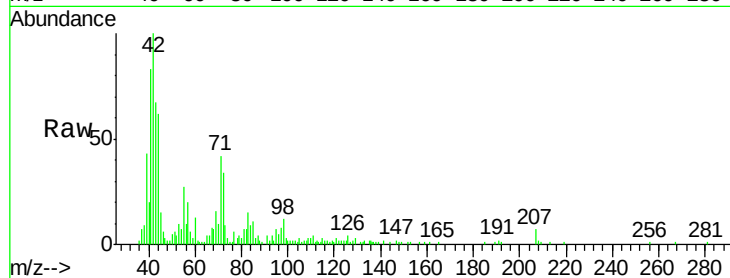
Tgt Ion: 42 Resp: 18534

Ion Ratio Lower Upper

42 100

72 37.6 31.4 47.0

71 37.5 29.5 44.3



#30

Chloroform

Concen: 1.29 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001935.D

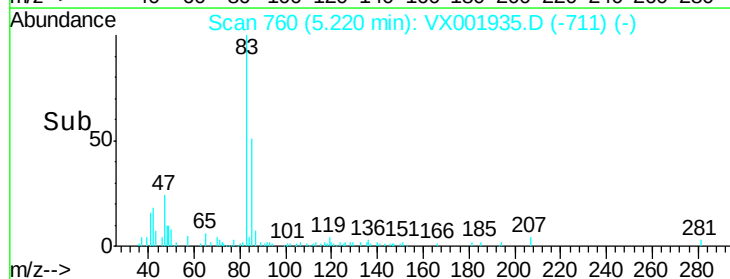
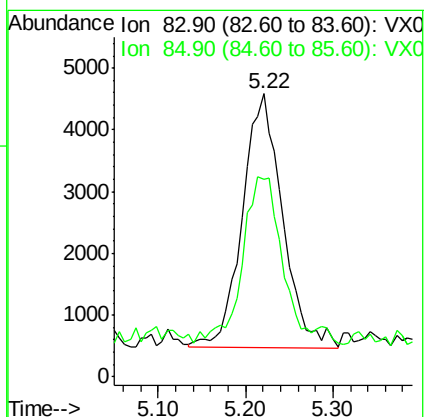
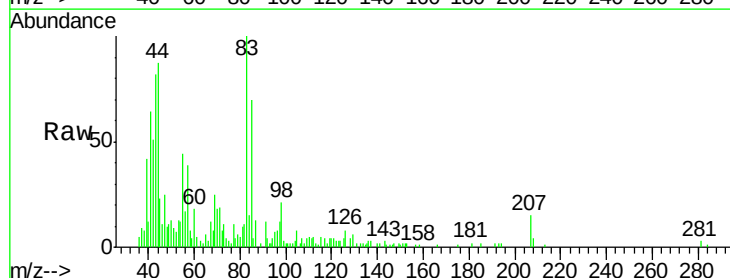
Acq: 24 May 2018 10:26

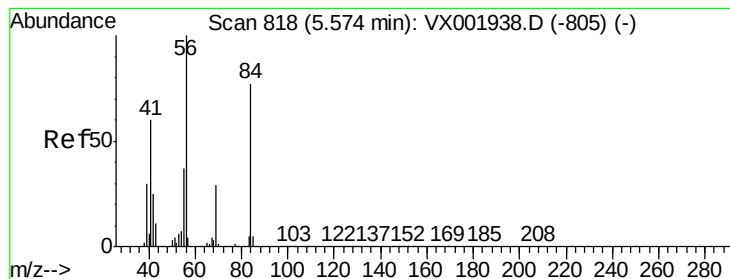
Tgt Ion: 83 Resp: 13005

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3





#31

Cyclohexane

Concen: 1.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

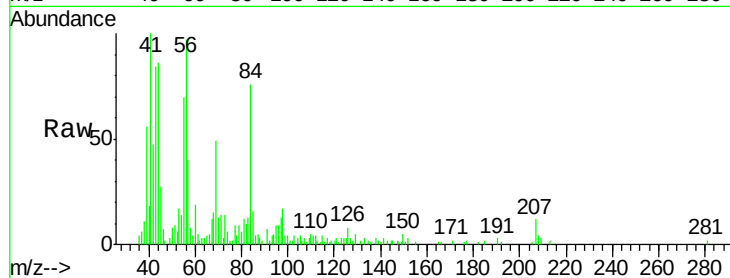
Tgt Ion: 56 Resp: 12319

Ion Ratio Lower Upper

56 100

69 34.3 23.1 34.7

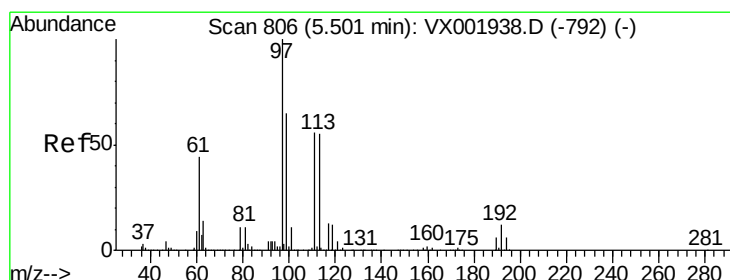
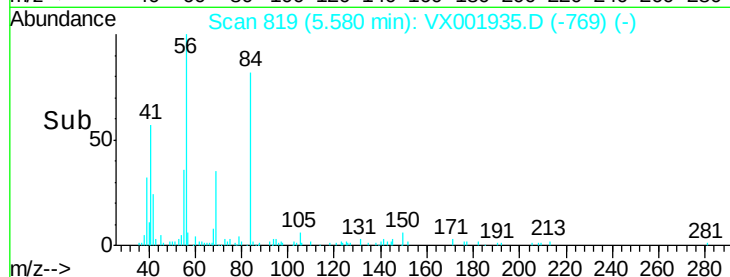
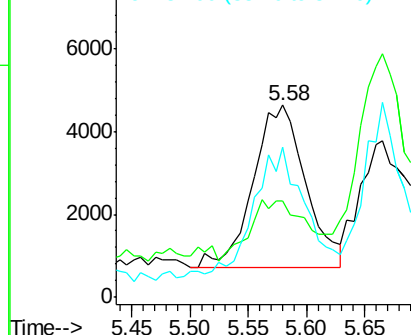
84 76.5 62.0 93.0



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: 1.22 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

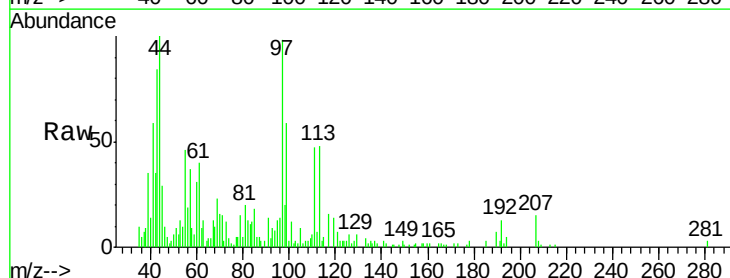
Tgt Ion: 97 Resp: 11687

Ion Ratio Lower Upper

97 100

99 62.0 51.9 77.9

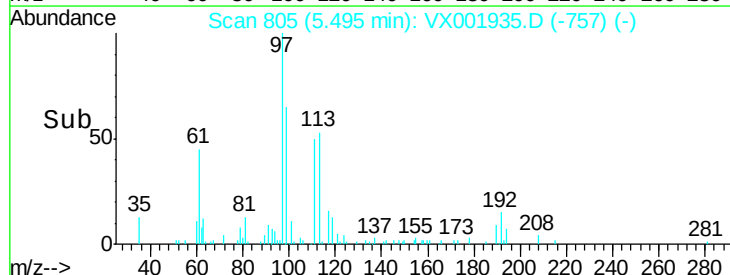
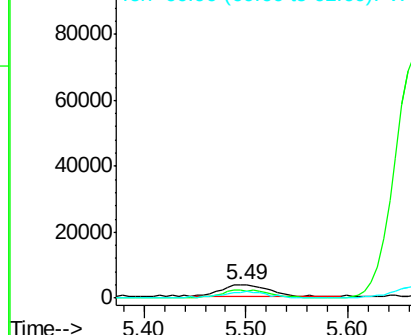
61 45.5 35.9 53.9

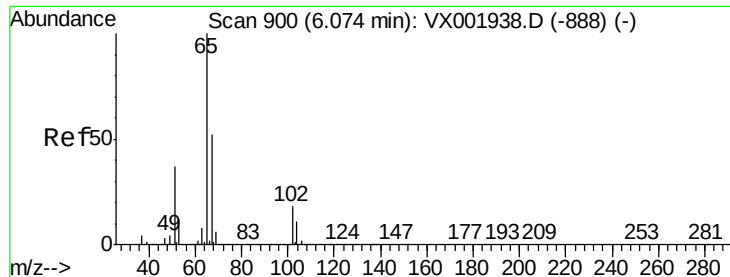


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

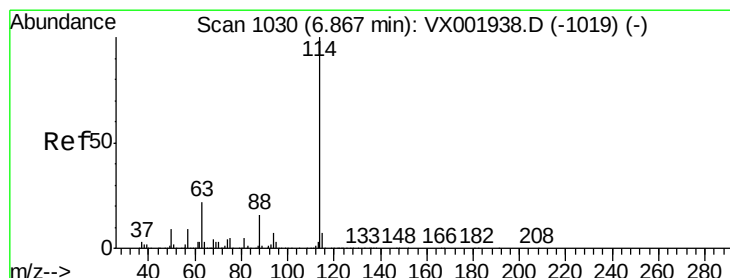
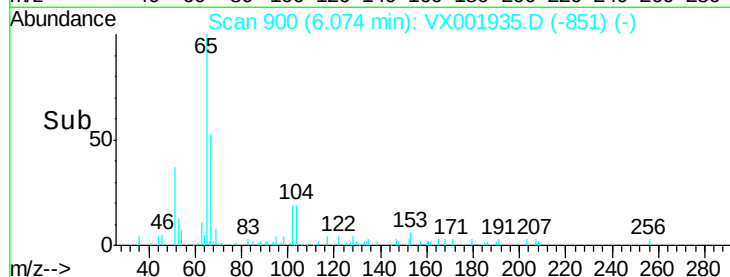
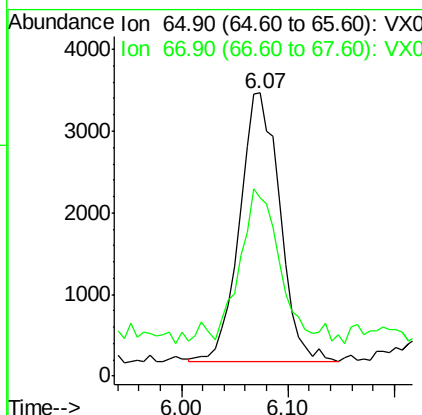
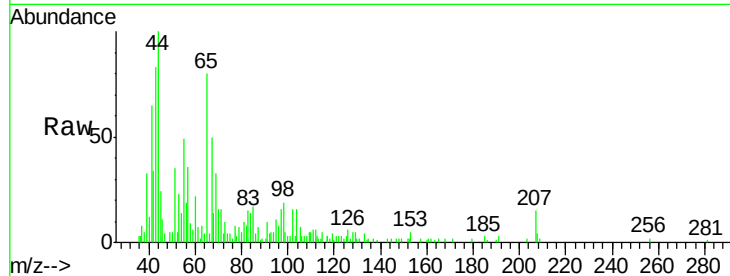




#33
 1,2-Dichloroethane-d4
 Concen: 1.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

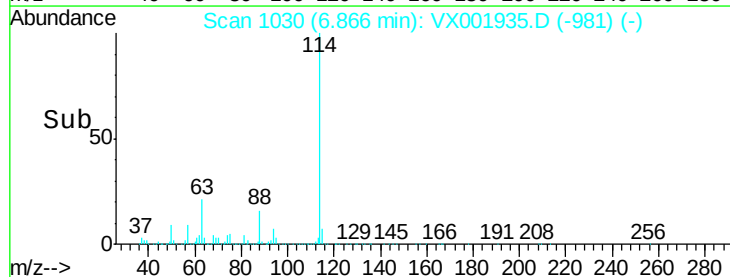
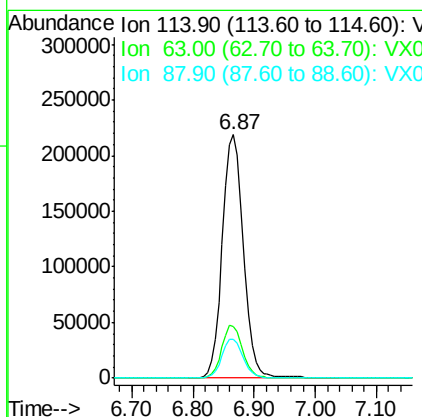
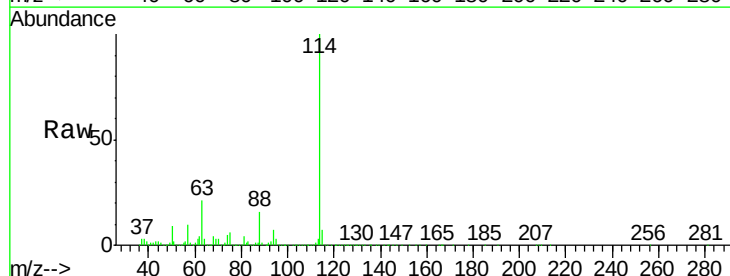
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

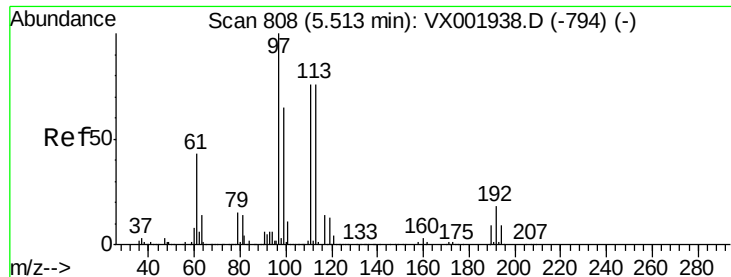
Tgt Ion: 65 Resp: 8754
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion: 114 Resp: 523365
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.0 0.0 31.6

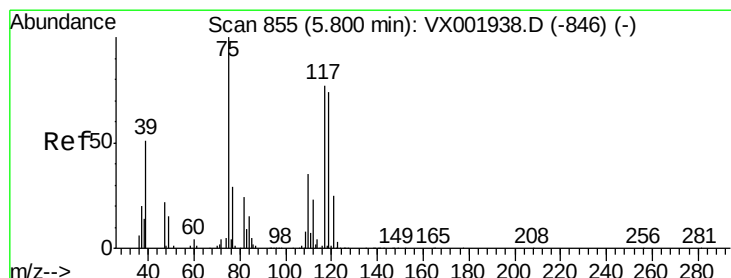
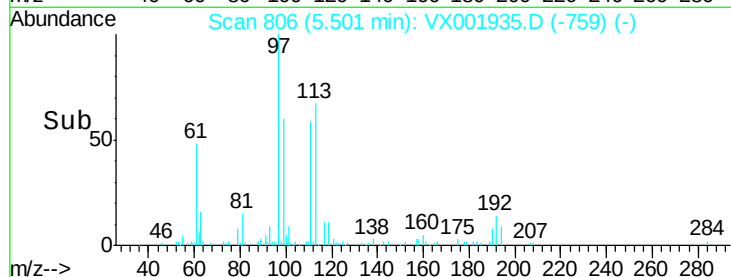
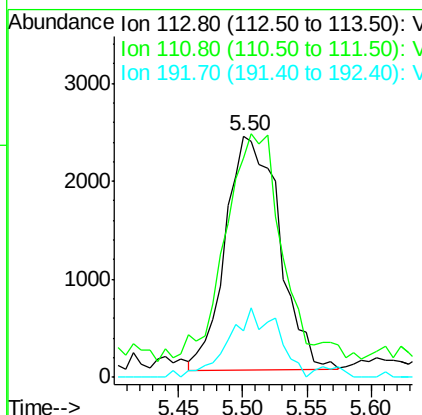
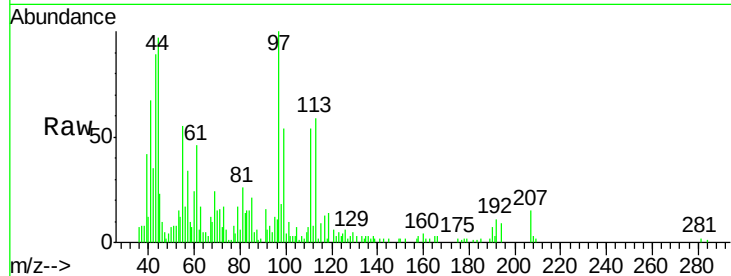




#35
 Dibromofluoromethane
 Concen: 1.36 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

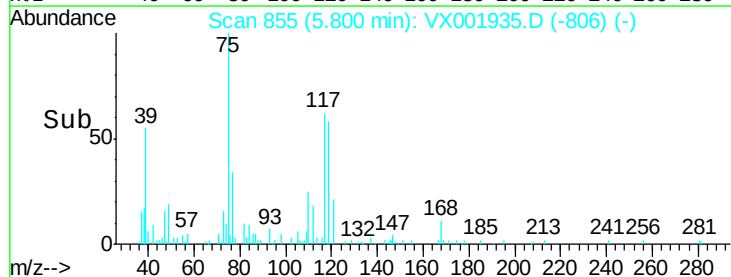
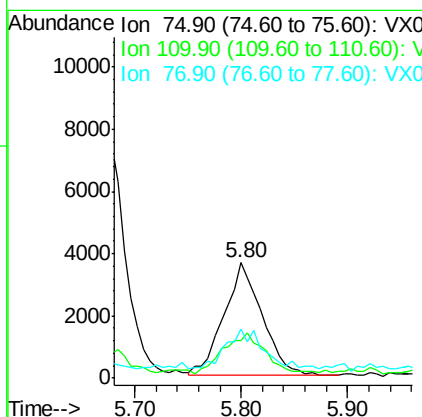
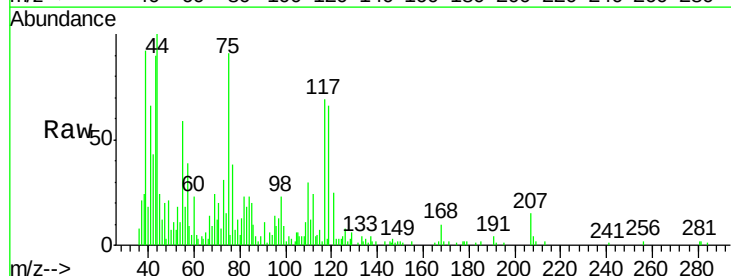
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

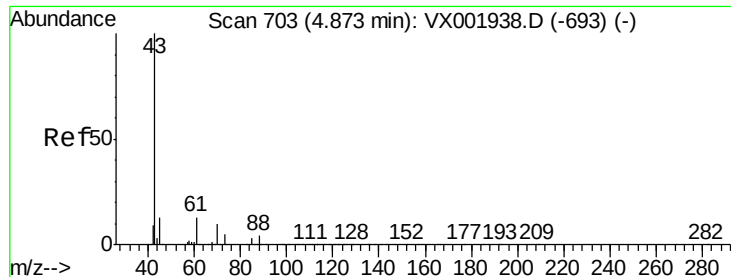
Tgt Ion:113 Resp: 6925
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.0 123.0
 192 27.1 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 1.30 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion: 75 Resp: 9089
 Ion Ratio Lower Upper
 75 100
 110 39.8 17.4 52.2
 77 35.4 24.4 36.6

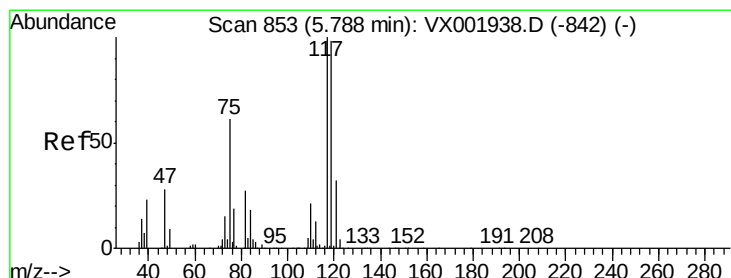
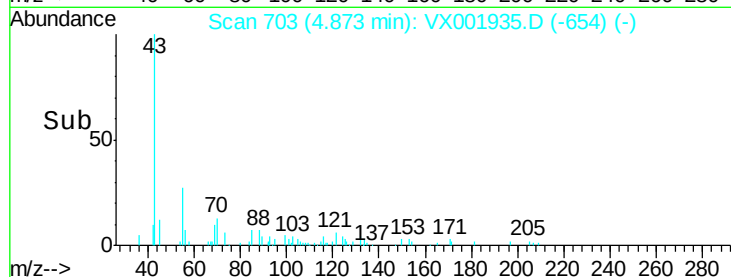
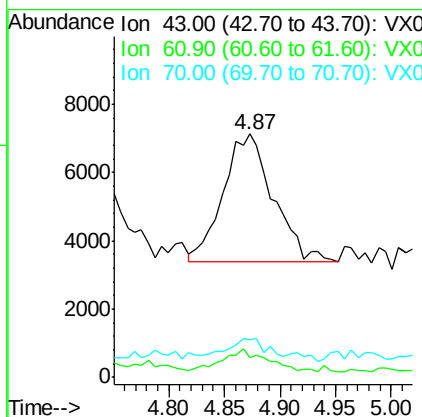
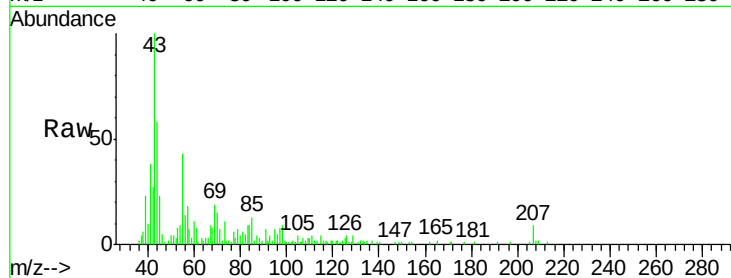




#37
Ethyl Acetate
Concen: 1.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

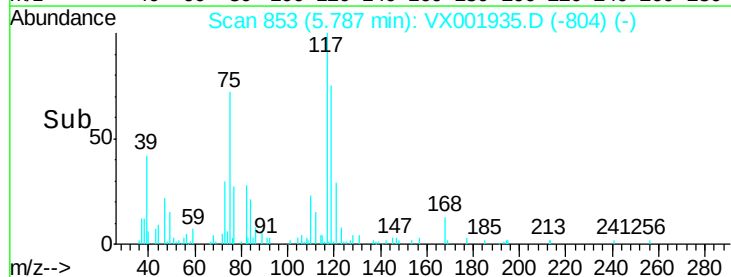
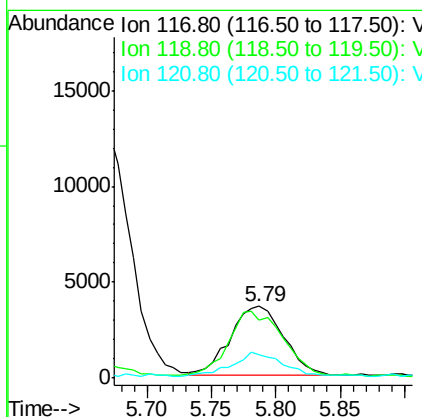
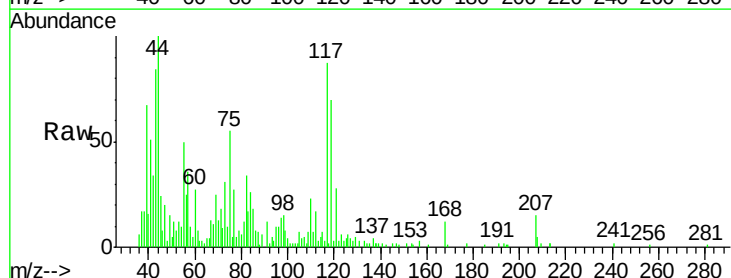
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

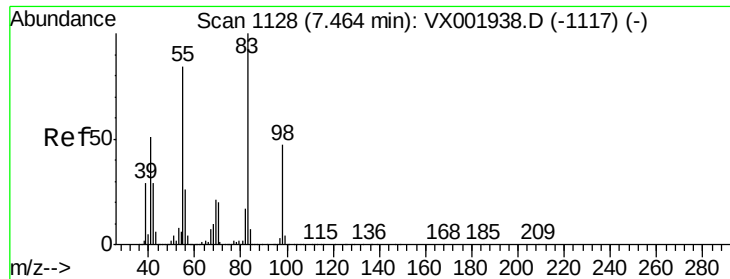
Tgt Ion: 43 Resp: 11561
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 14.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.27 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion: 117 Resp: 10376
Ion Ratio Lower Upper
117 100
119 80.6 78.5 117.7
121 29.6 25.5 38.3





#39

Methylcyclohexane

Concen: 1.33 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

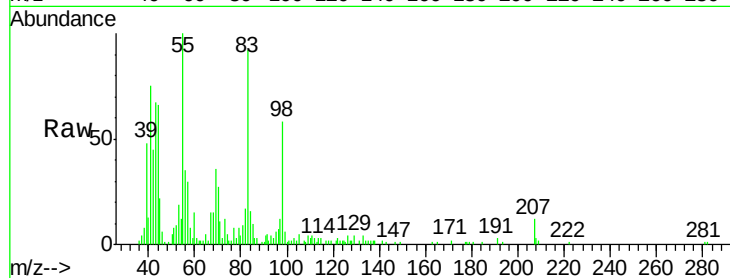
Tgt Ion: 83 Resp: 11306

Ion Ratio Lower Upper

83 100

55 80.1 67.3 100.9

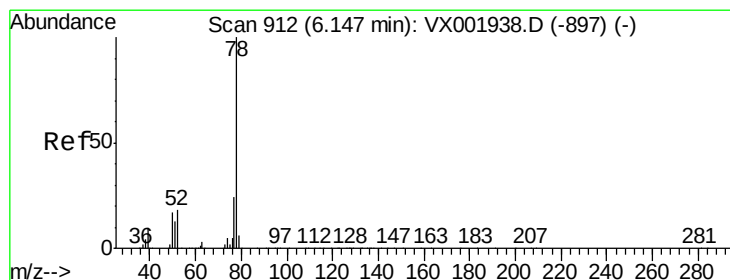
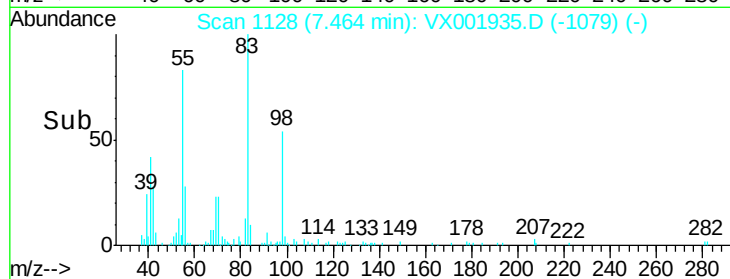
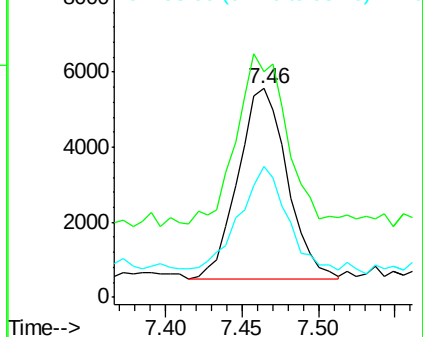
98 54.7 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 1.20 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001935.D

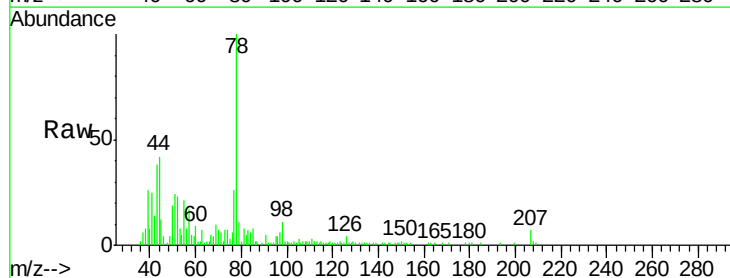
Acq: 24 May 2018 10:26

Tgt Ion: 78 Resp: 24844

Ion Ratio Lower Upper

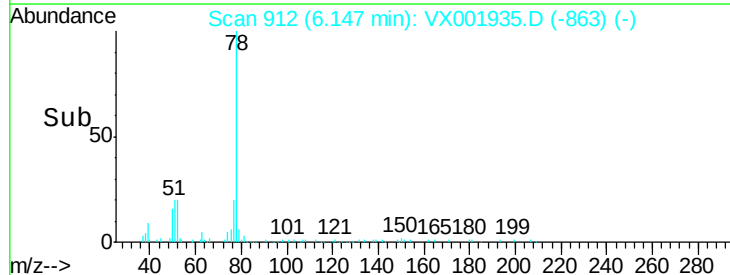
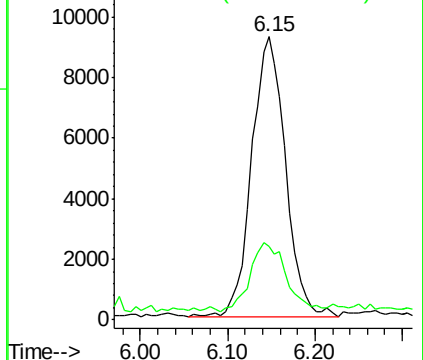
78 100

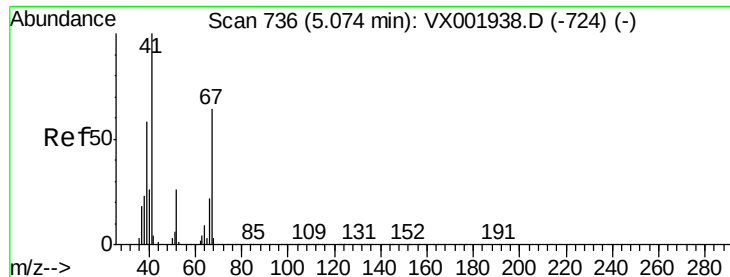
77 22.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 1.71 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 8806

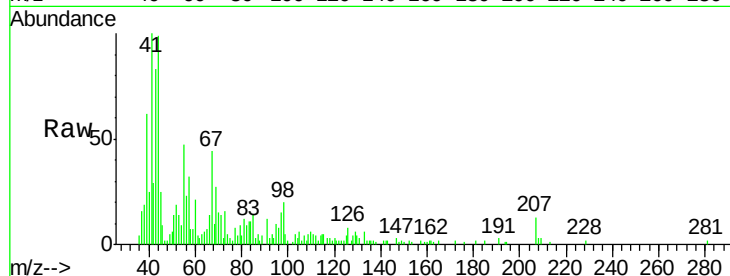
Ion Ratio Lower Upper

41 100

39 43.7 46.0 69.0#

67 52.1 50.6 75.8

52 23.7 21.9 32.9

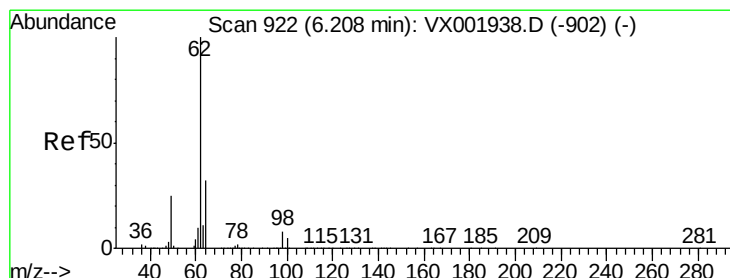
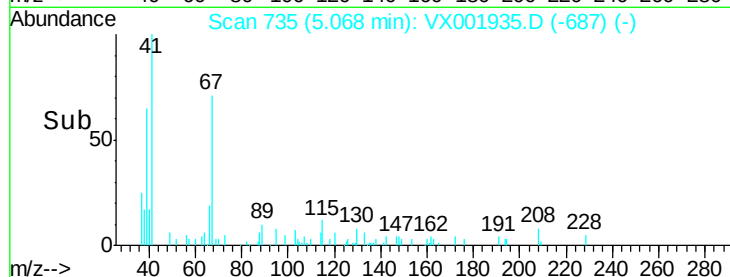
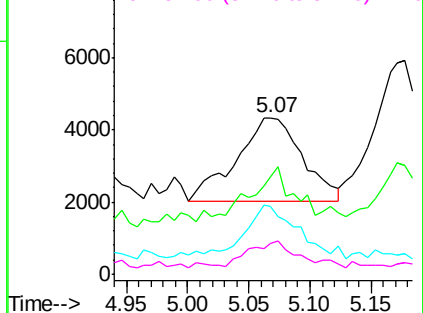


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.33 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001935.D

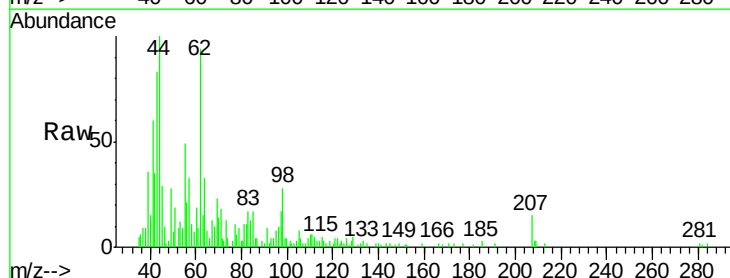
Acq: 24 May 2018 10:26

Tgt Ion: 62 Resp: 10780

Ion Ratio Lower Upper

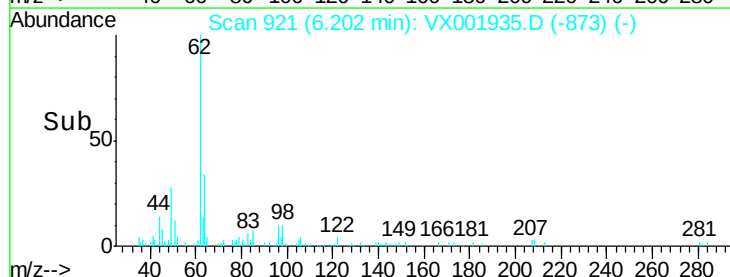
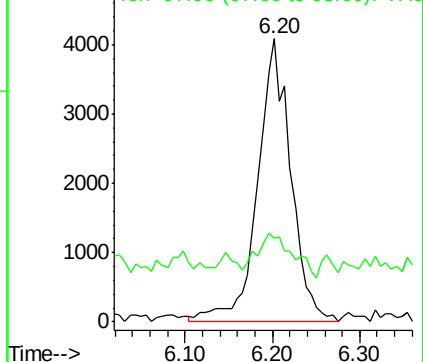
62 100

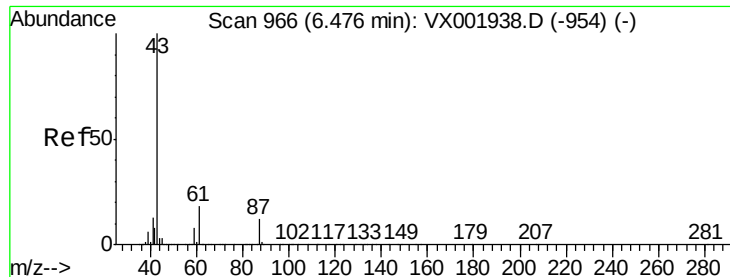
98 17.2 0.0 17.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

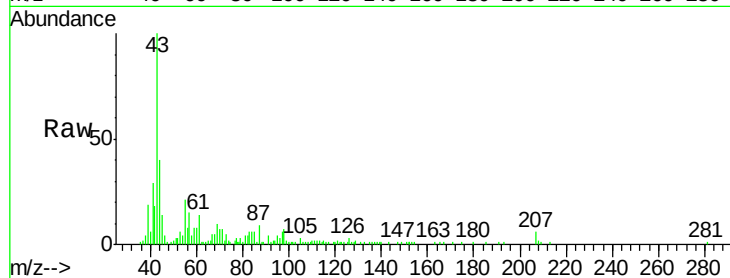
Tgt Ion: 43 Resp: 17830

Ion Ratio Lower Upper

43 100

61 19.4 14.5 21.7

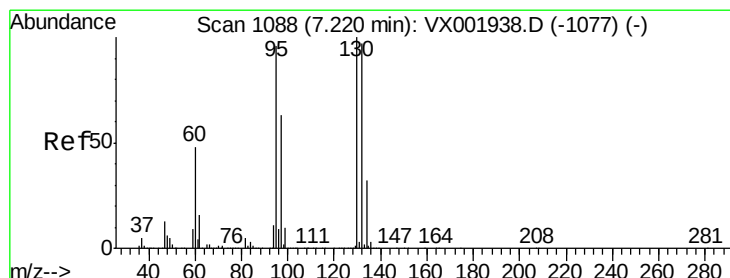
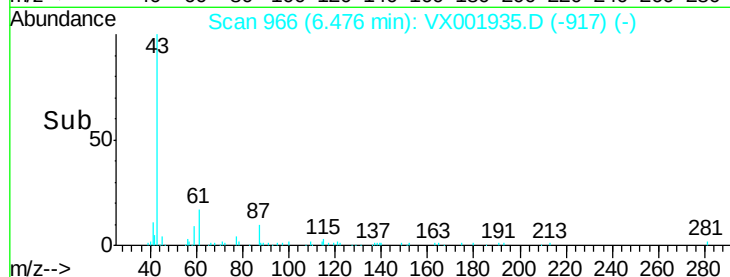
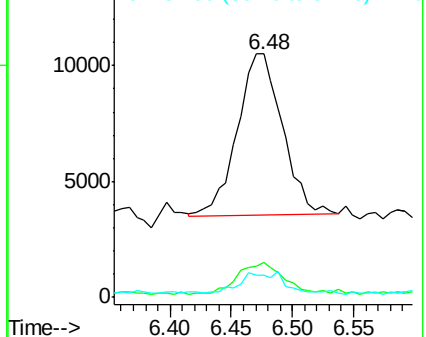
87 13.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.26 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001935.D

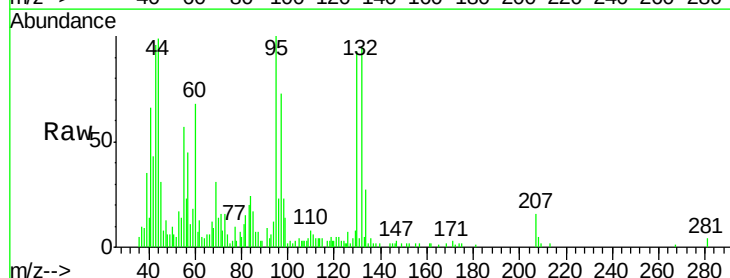
Acq: 24 May 2018 10:26

Tgt Ion: 130 Resp: 7529

Ion Ratio Lower Upper

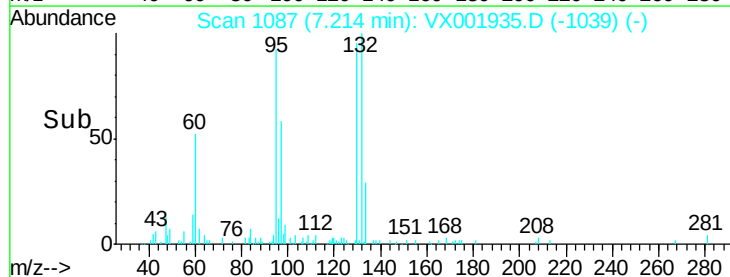
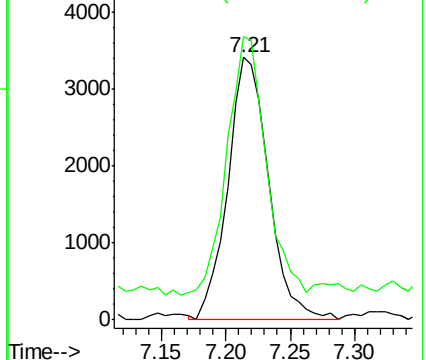
130 100

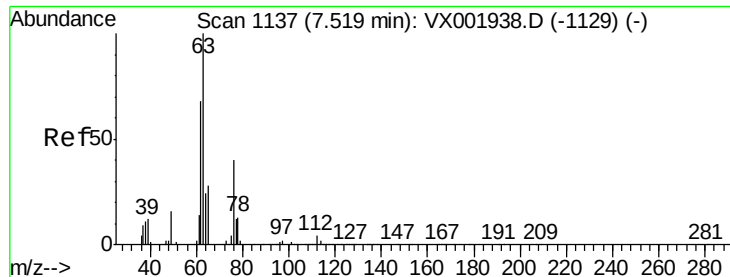
95 97.5 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.30 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

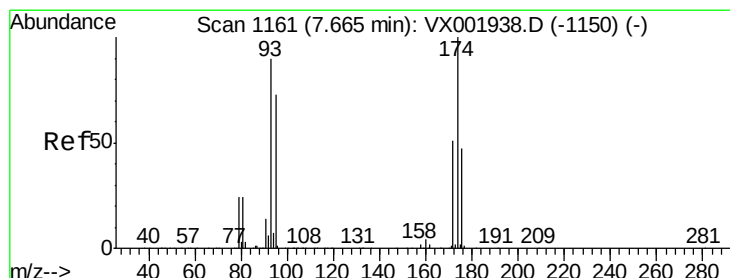
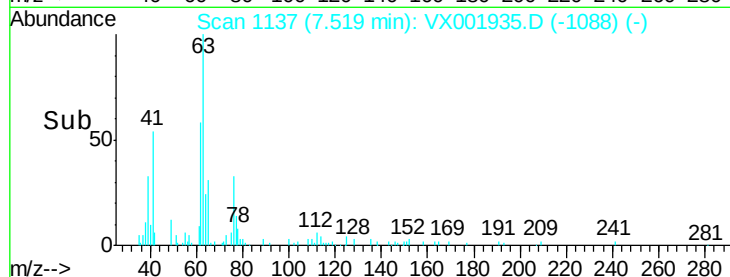
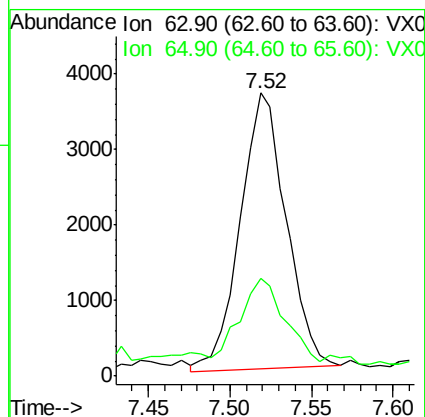
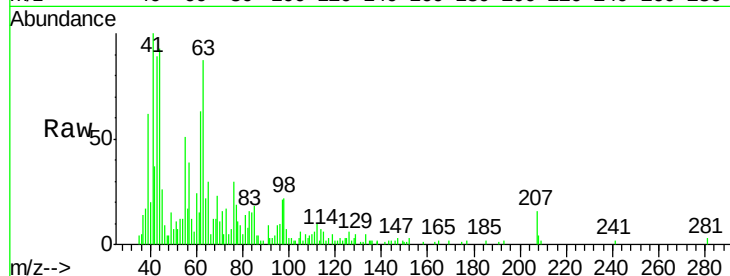
VSTDIC001

Tgt Ion: 63 Resp: 7173

Ion Ratio Lower Upper

63 100

65 29.2 24.1 36.1



#46

Dibromomethane

Concen: 1.21 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

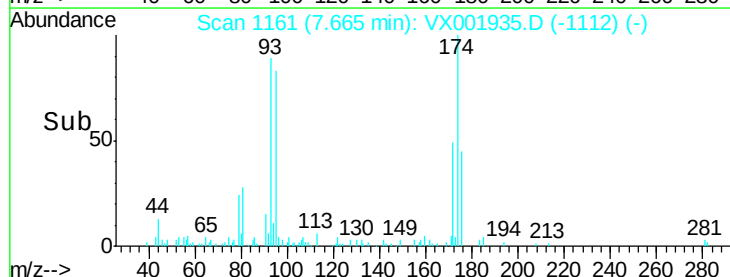
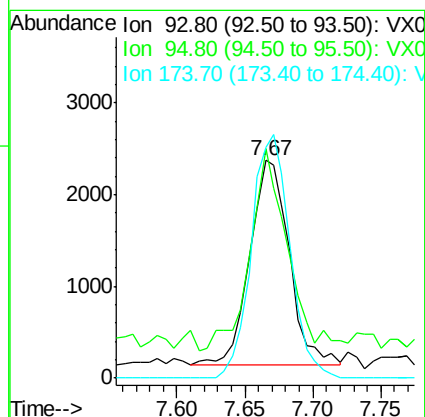
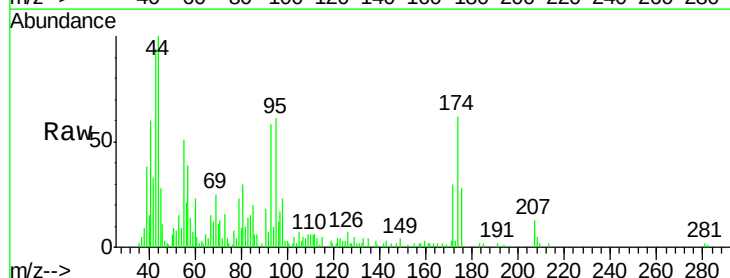
Tgt Ion: 93 Resp: 4518

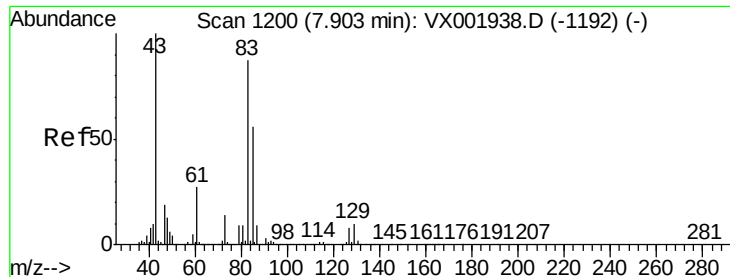
Ion Ratio Lower Upper

93 100

95 93.9 66.1 99.1

174 117.0 92.5 138.7





#47

Bromodichloromethane

Concen: 1.30 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

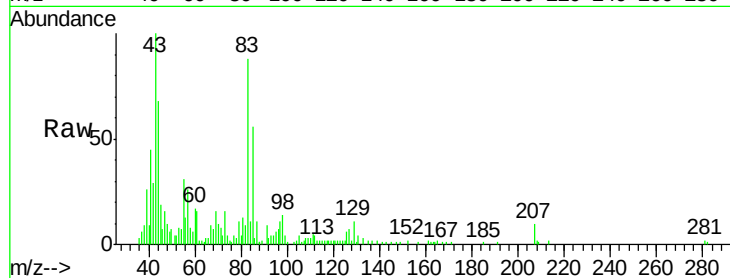
Tgt Ion: 83 Resp: 10213

Ion Ratio Lower Upper

83 100

85 55.8 51.4 77.2

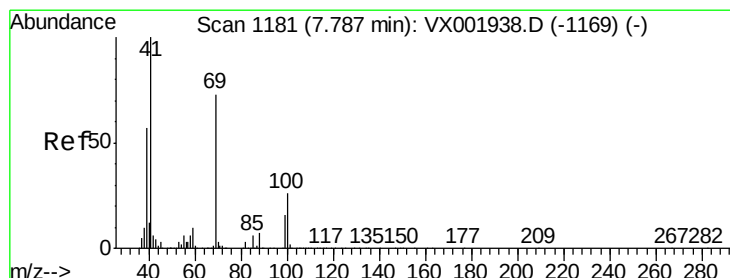
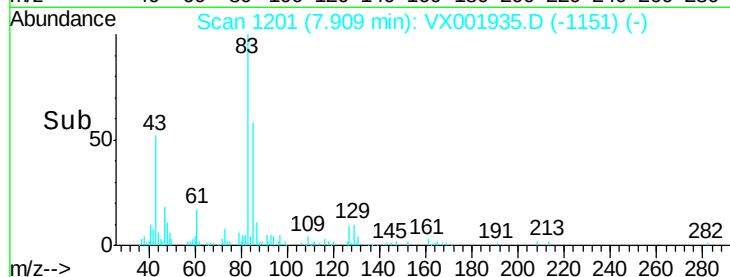
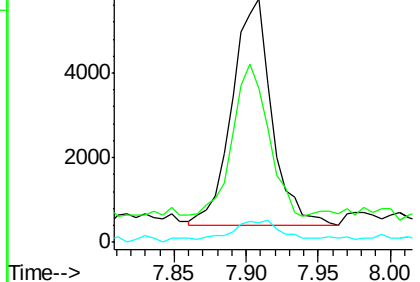
127 6.8 7.1 10.7#



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: 1.18 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

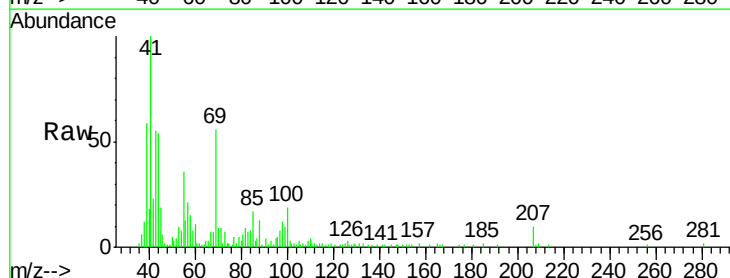
Tgt Ion: 41 Resp: 9187

Ion Ratio Lower Upper

41 100

69 74.4 58.6 87.8

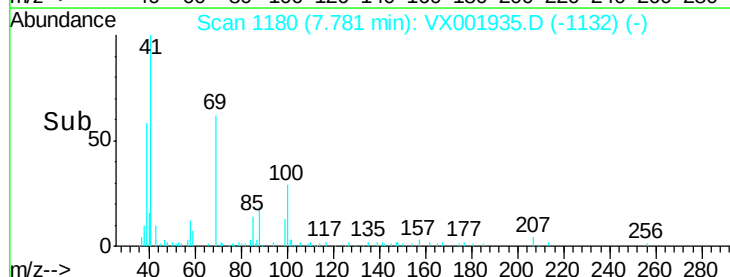
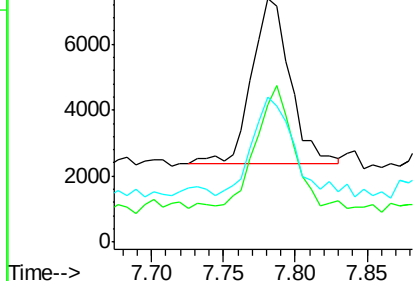
39 68.9 46.3 69.5

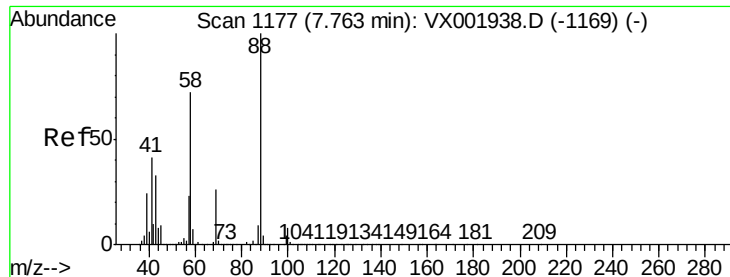


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 22.71 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

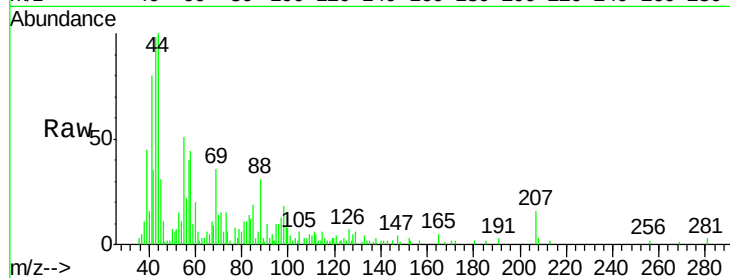
Tgt Ion: 88 Resp: 3201

Ion Ratio Lower Upper

88 100

43 32.5 29.8 44.8

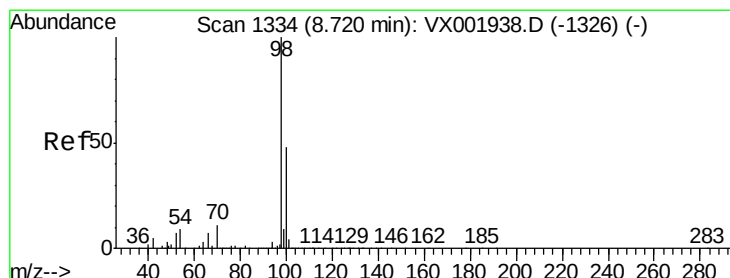
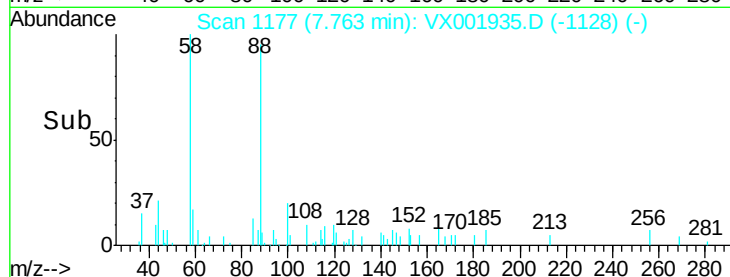
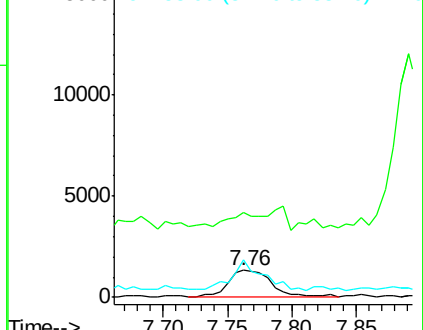
58 76.1 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.27 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001935.D

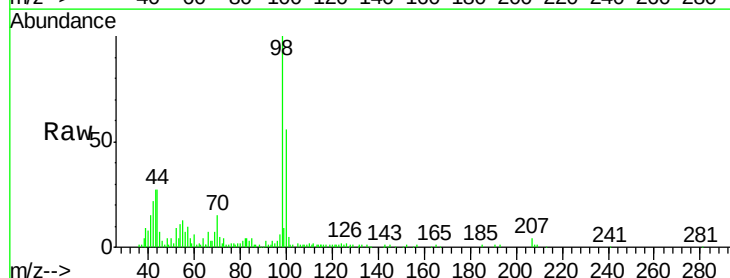
Acq: 24 May 2018 10:26

Tgt Ion: 98 Resp: 23906

Ion Ratio Lower Upper

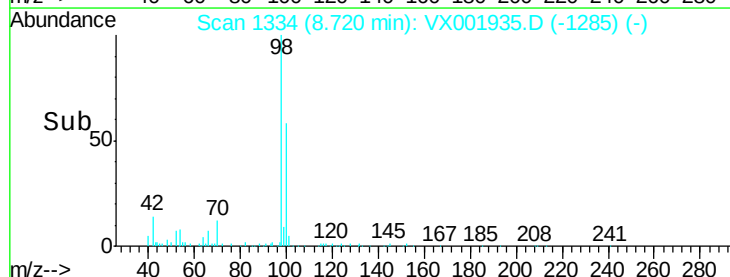
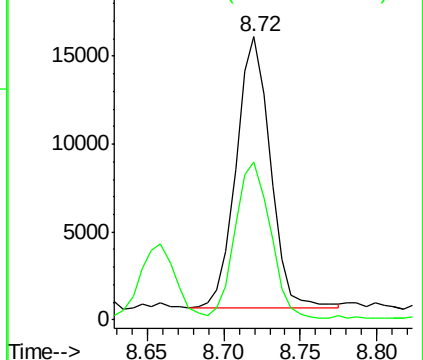
98 100

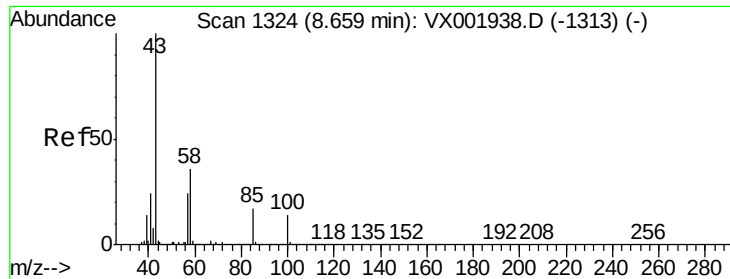
100 59.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 5.81 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

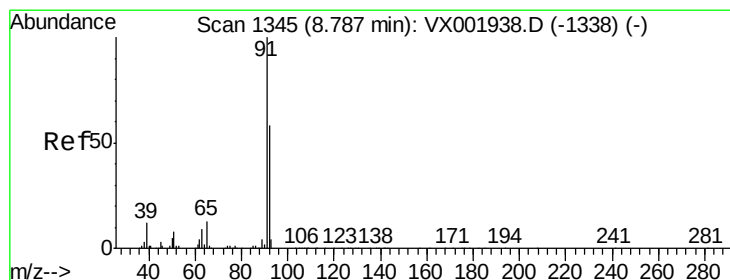
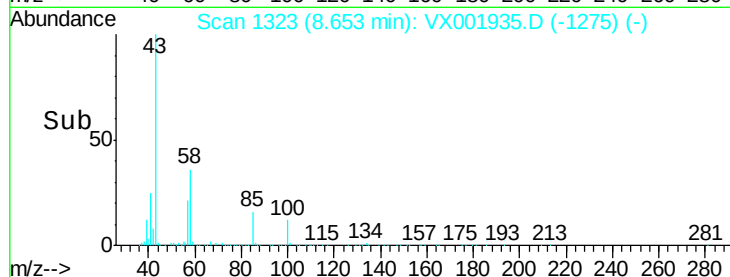
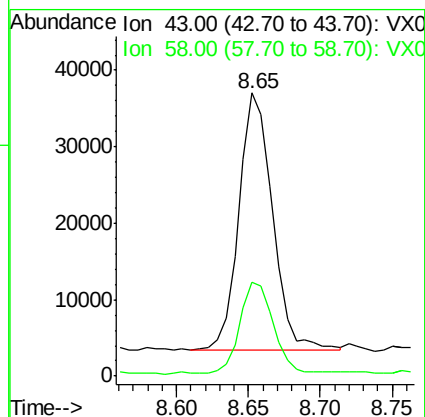
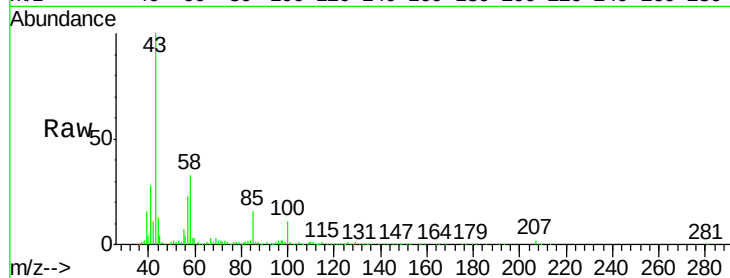
VSTDIC001

Tgt Ion: 43 Resp: 54325

Ion Ratio Lower Upper

43 100

58 35.0 28.5 42.7



#52

Toluene

Concen: 1.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX001935.D

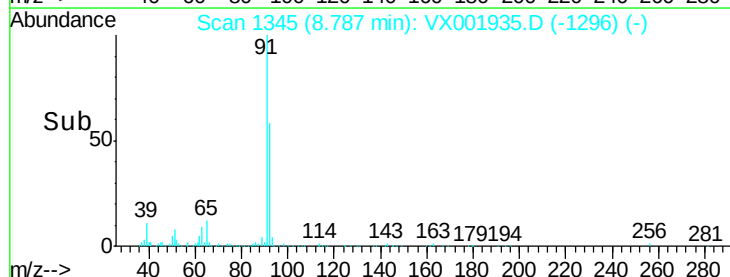
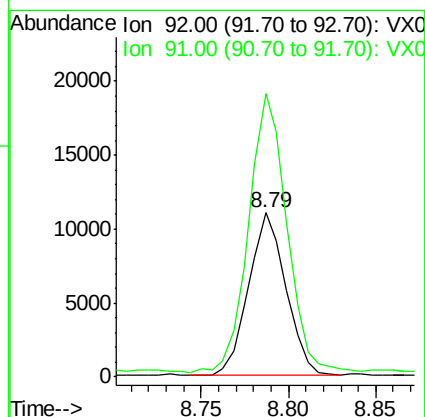
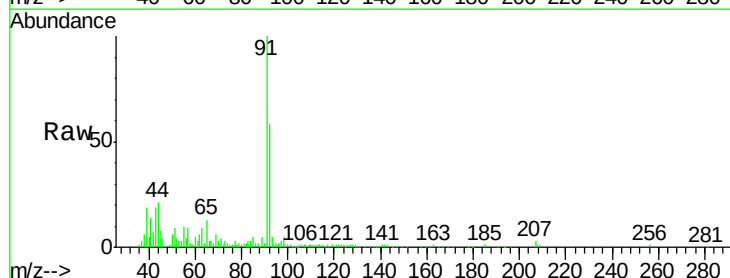
Acq: 24 May 2018 10:26

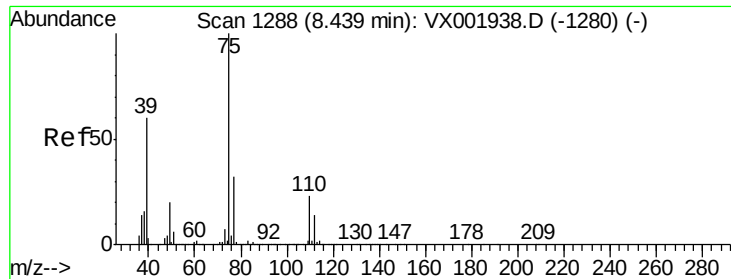
Tgt Ion: 92 Resp: 16344

Ion Ratio Lower Upper

92 100

91 174.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 1.14 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

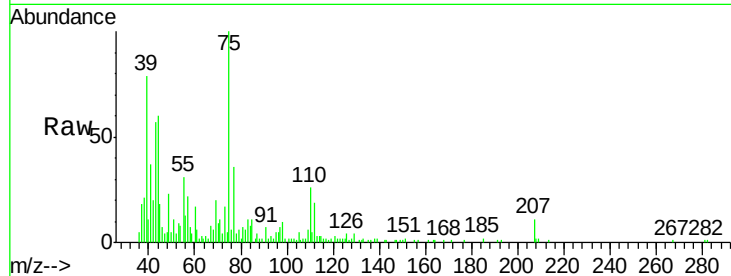
VSTDIC001

Tgt Ion: 75 Resp: 10541

Ion Ratio Lower Upper

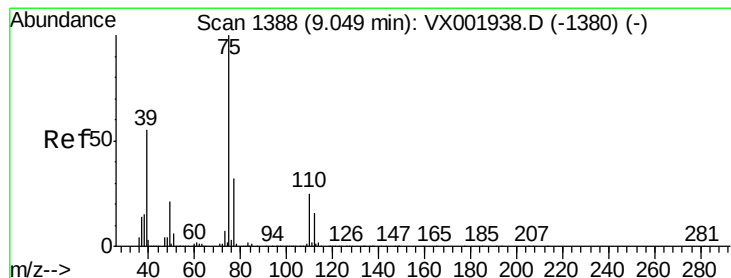
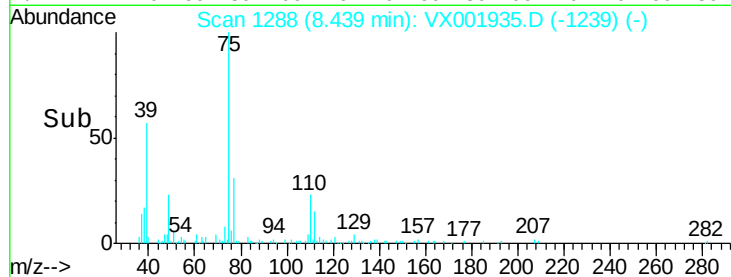
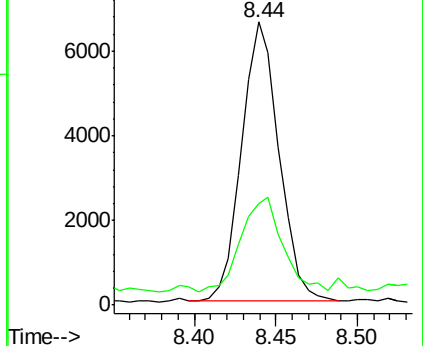
75 100

77 29.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 1.16 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

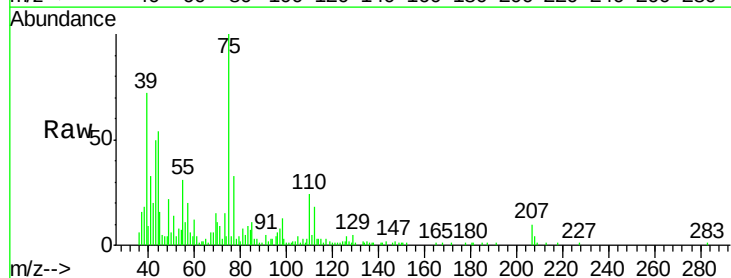
Tgt Ion: 75 Resp: 10358

Ion Ratio Lower Upper

75 100

77 28.9 25.4 38.0

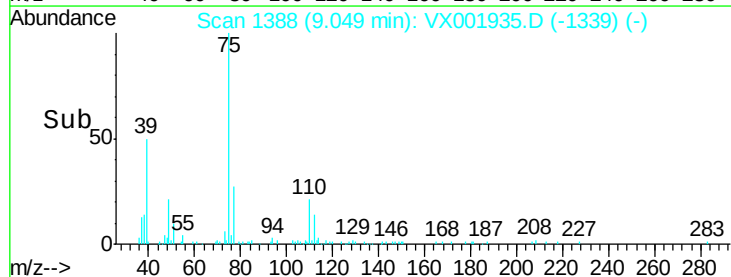
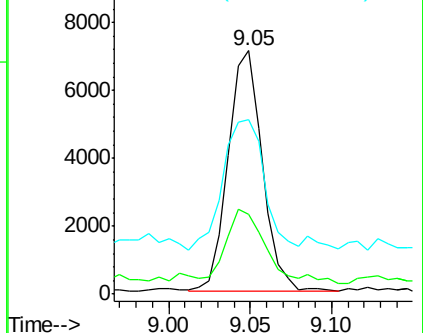
39 53.9 44.1 66.1

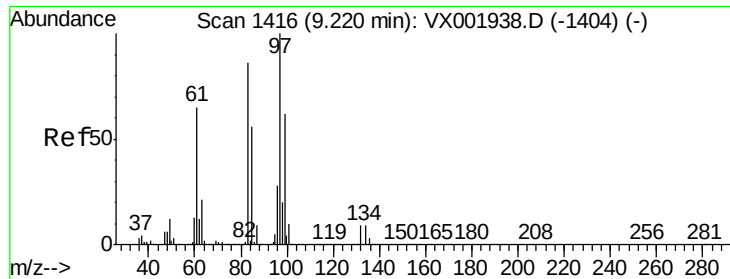


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

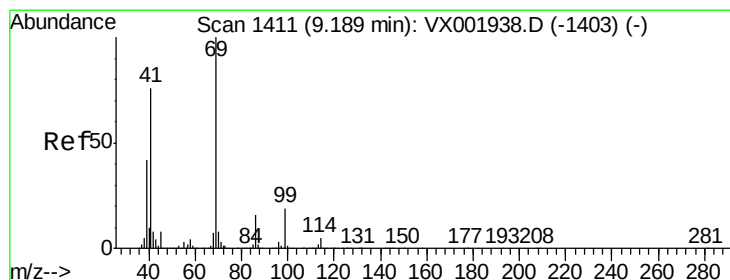
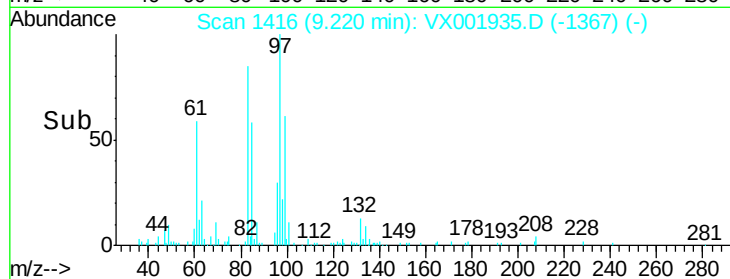
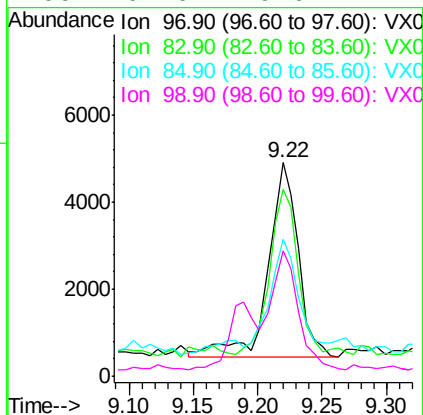
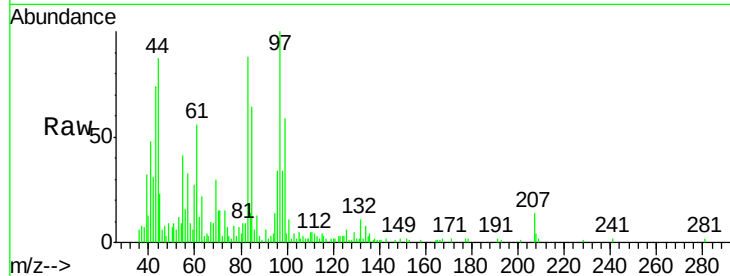




#55
 1,1,2-Trichloroethane
 Concen: 1.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

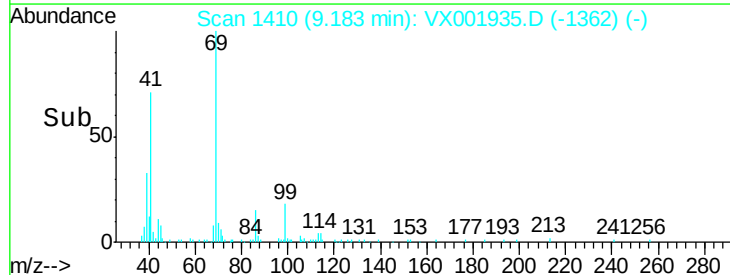
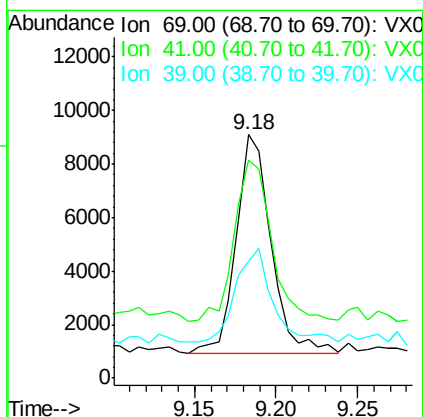
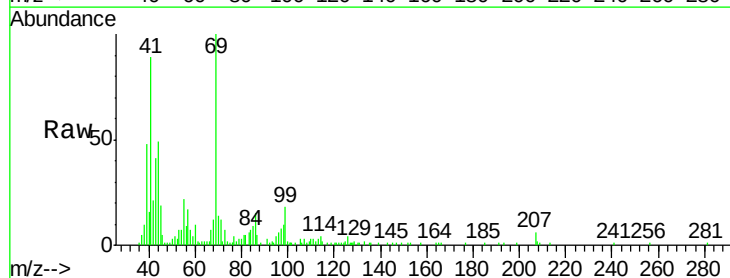
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

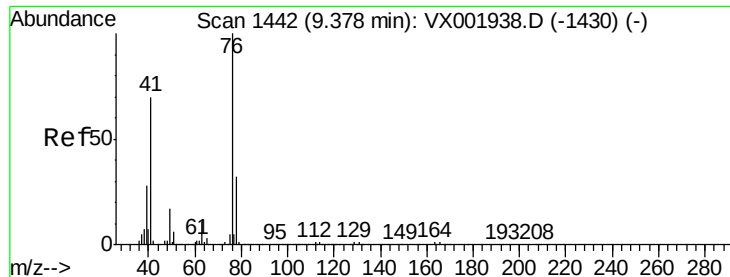
Tgt Ion:	97	Resp:	7276
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.1	103.7
85	58.7	45.2	67.8
99	61.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 1.31 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion:	69	Resp:	12149
Ion	Ratio	Lower	Upper
69	100		
41	79.2	61.0	91.6
39	45.2	34.4	51.6





#57

1,3-Dichloropropane

Concen: 1.24 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

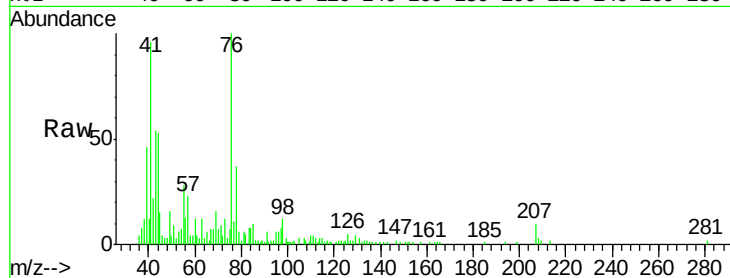
VSTDIC001

Tgt Ion: 76 Resp: 11165

Ion Ratio Lower Upper

76 100

78 34.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

8000

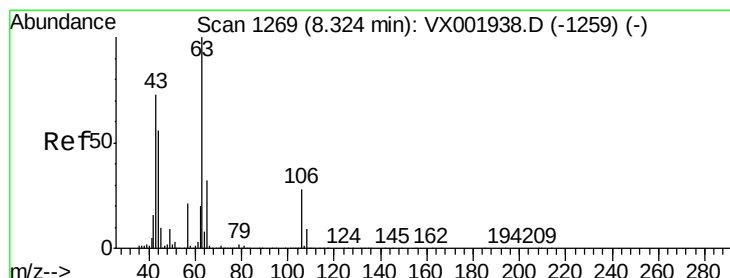
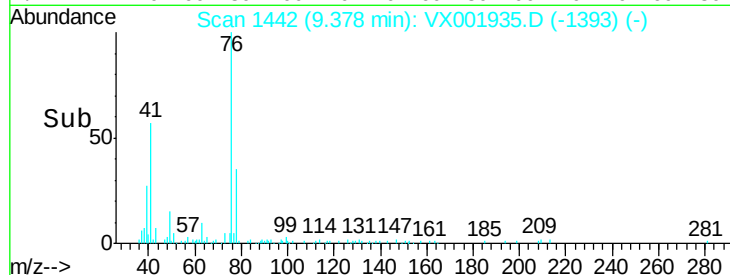
6000

4000

2000

0

Time--> 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 5.84 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001935.D

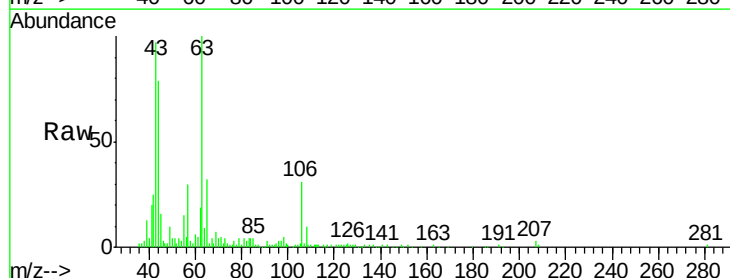
Acq: 24 May 2018 10:26

Tgt Ion: 63 Resp: 24343

Ion Ratio Lower Upper

63 100

106 28.6 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

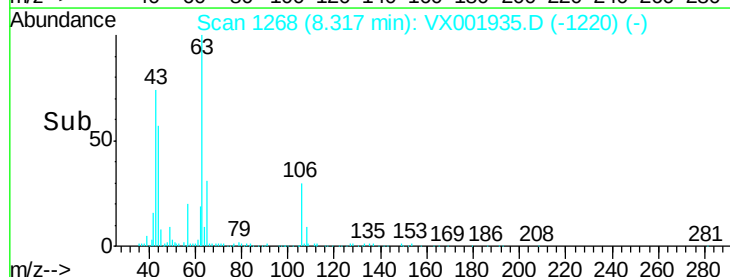
15000

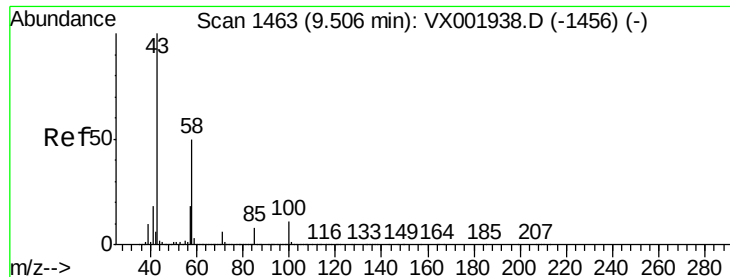
10000

5000

0

Time--> 8.25 8.30 8.35 8.40





#59

2-Hexanone

Concen: 5.56 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

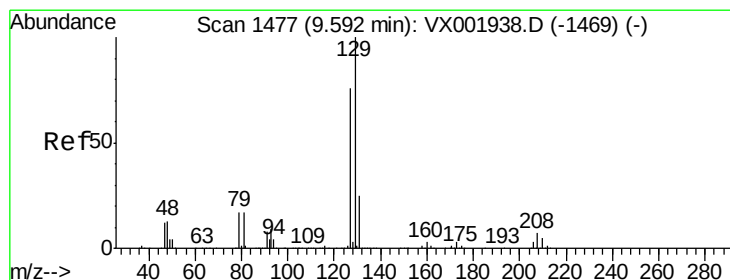
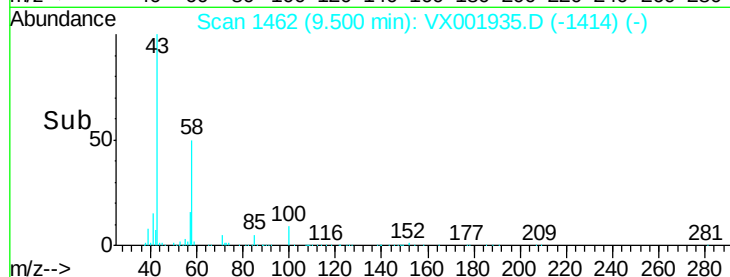
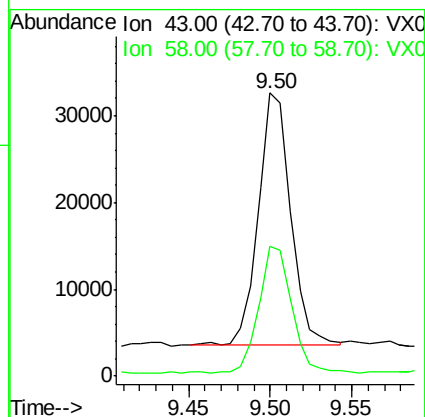
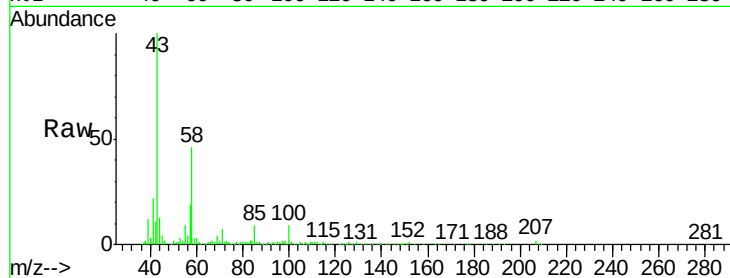
VSTDIC001

Tgt Ion: 43 Resp: 40257

Ion Ratio Lower Upper

43 100

58 51.0 24.9 74.6



#60

Dibromochloromethane

Concen: 1.17 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001935.D

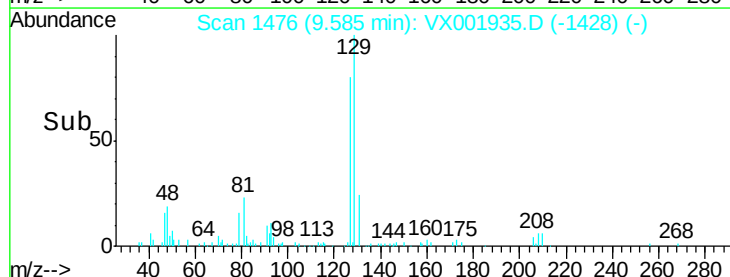
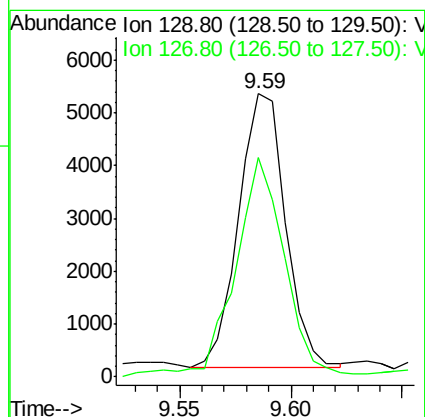
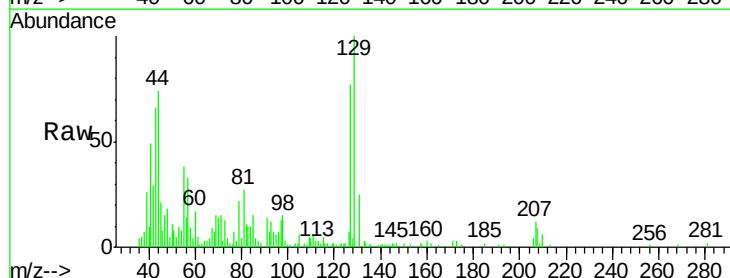
Acq: 24 May 2018 10:26

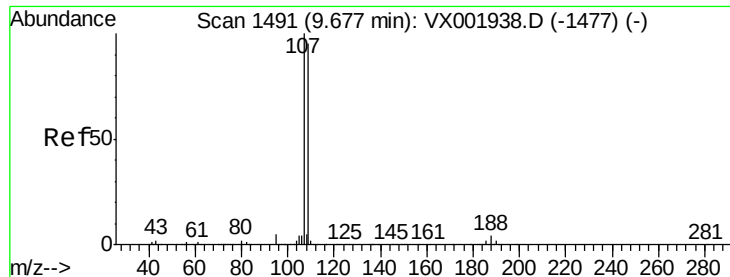
Tgt Ion: 129 Resp: 7634

Ion Ratio Lower Upper

129 100

127 84.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 1.21 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

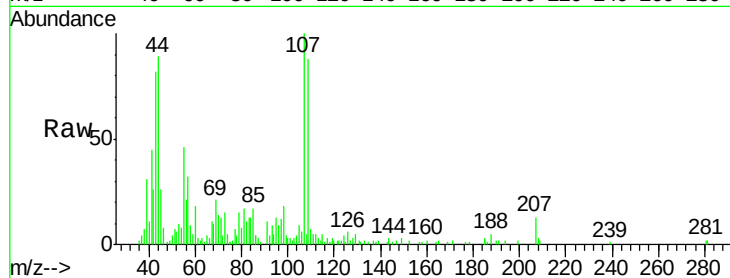
VSTDIC001

Tgt Ion: 107 Resp: 6963

Ion Ratio Lower Upper

107 100

109 89.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

5000

4000

3000

2000

1000

0

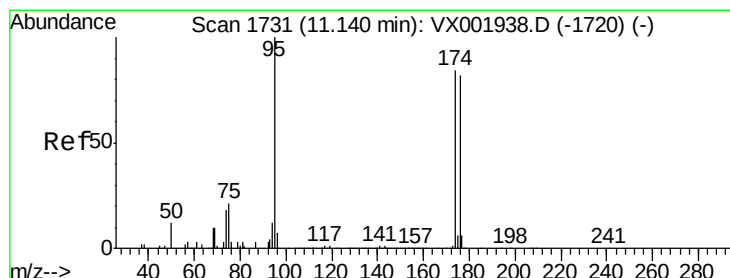
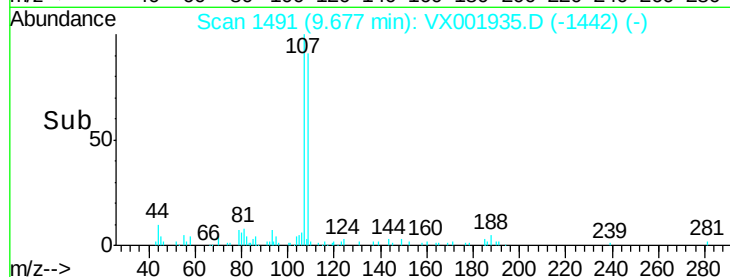
9.60

9.65

9.70

9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 1.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

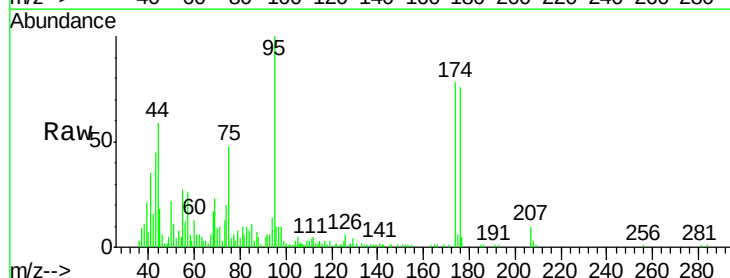
Tgt Ion: 95 Resp: 8893

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.8

176 82.5 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

10000

8000

6000

4000

2000

0

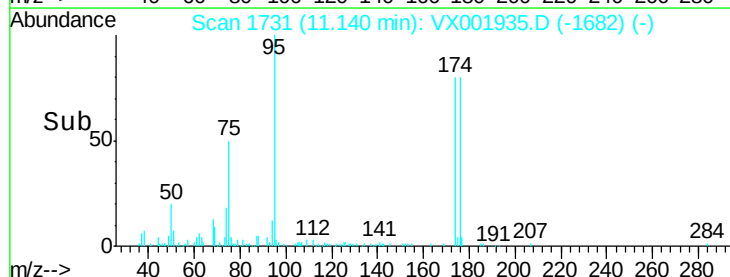
11.05

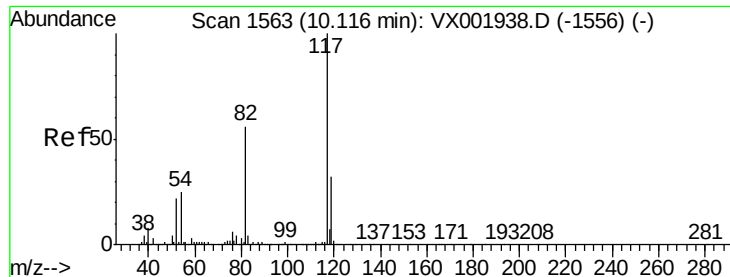
11.10

11.15

11.20

Time-->

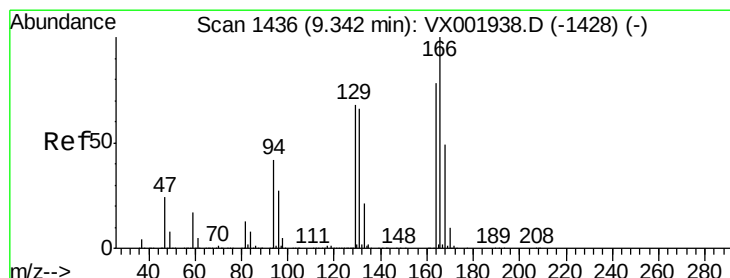
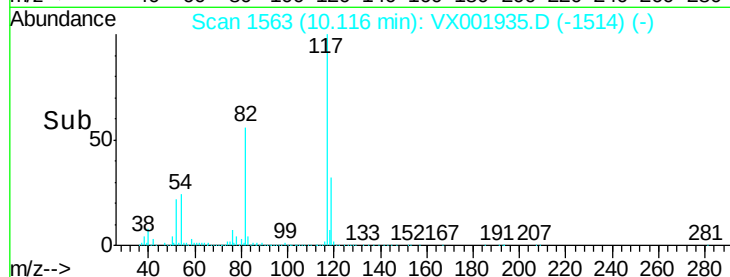
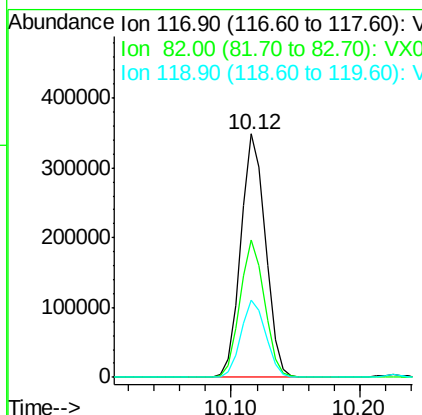
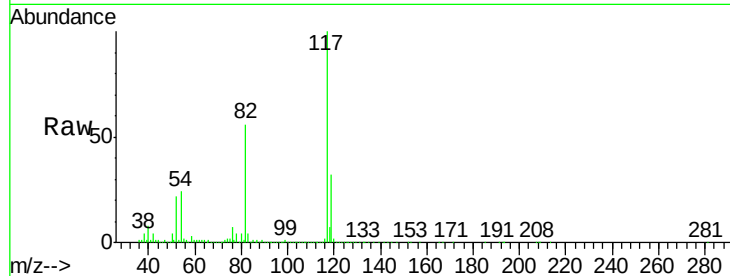




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

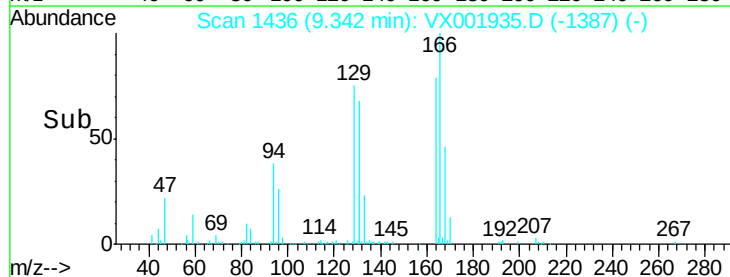
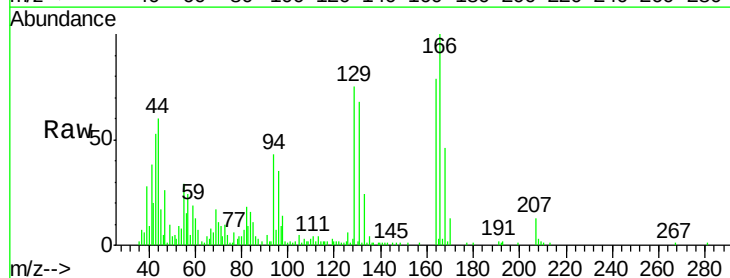
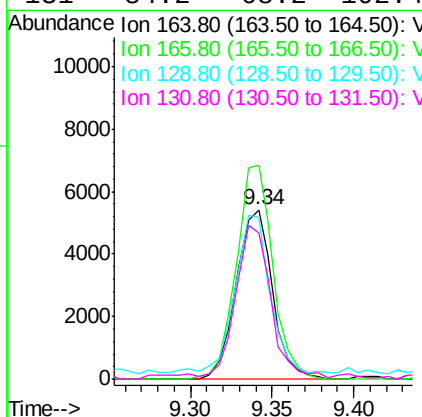
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

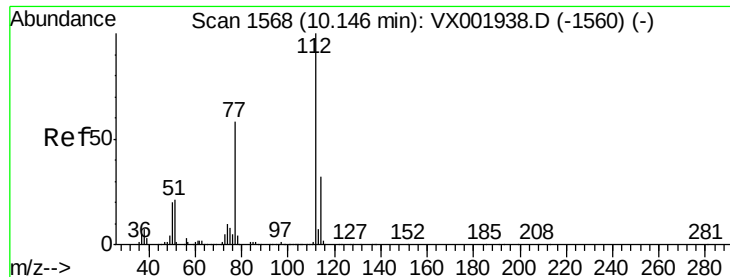
Tgt Ion:117 Resp: 462408
Ion Ratio Lower Upper
117 100
82 56.3 44.8 67.2
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 1.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion:164 Resp: 8385
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 91.4 70.3 105.5
131 84.2 68.2 102.4





#65

Chlorobenzene

Concen: 1.28 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

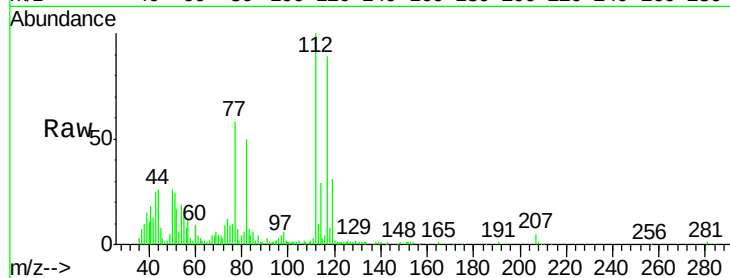
VSTDIC001

Tgt Ion:112 Resp: 17966

Ion Ratio Lower Upper

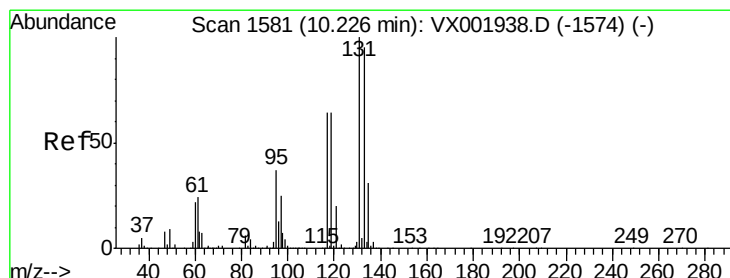
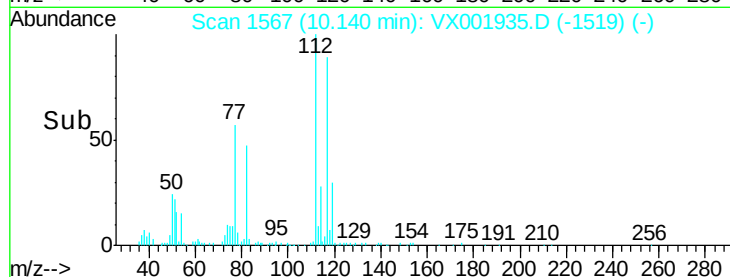
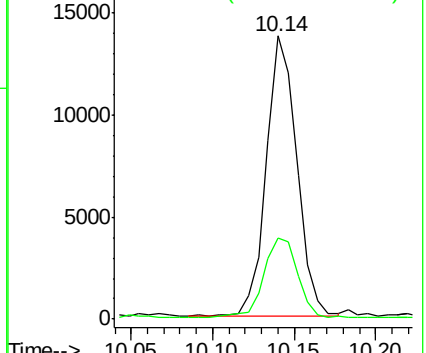
112 100

114 28.5 25.9 38.9



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: 1.27 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

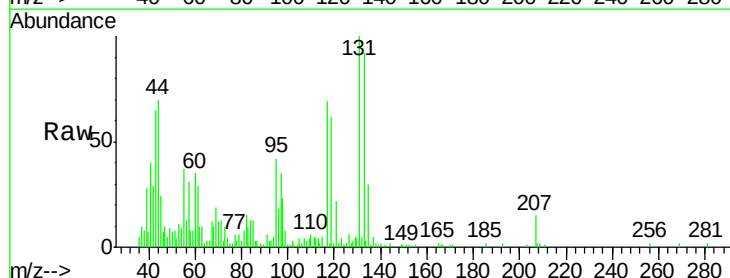
Tgt Ion:131 Resp: 7141

Ion Ratio Lower Upper

131 100

133 100.7 48.0 144.0

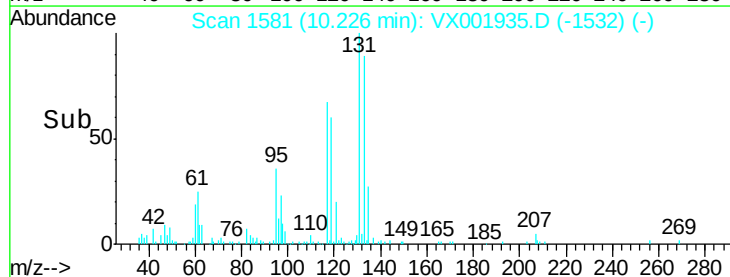
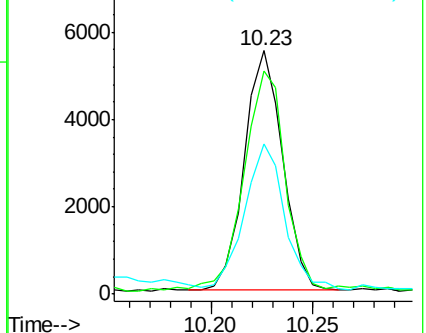
119 64.2 31.9 95.5

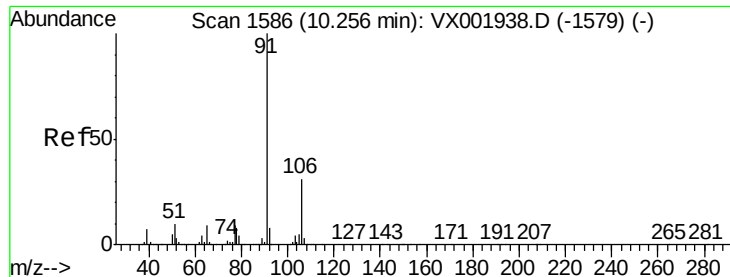


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampled :

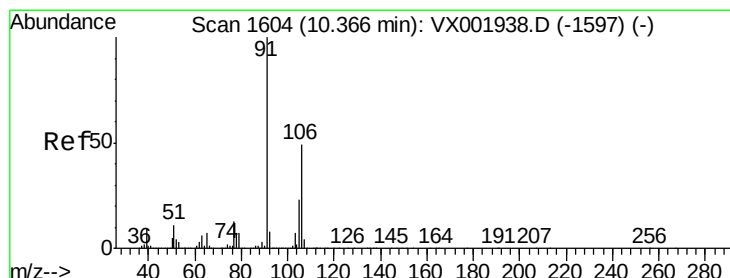
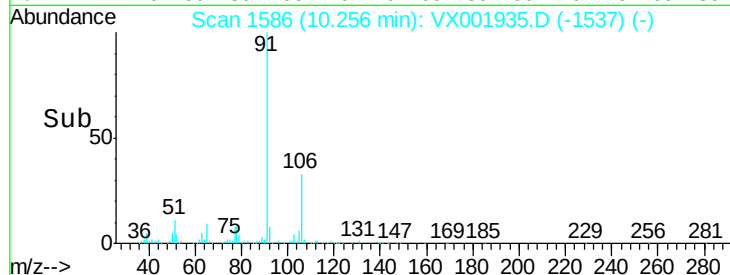
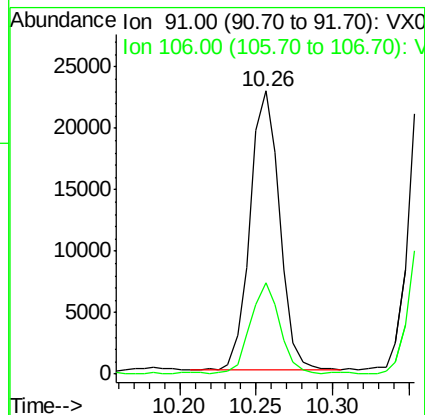
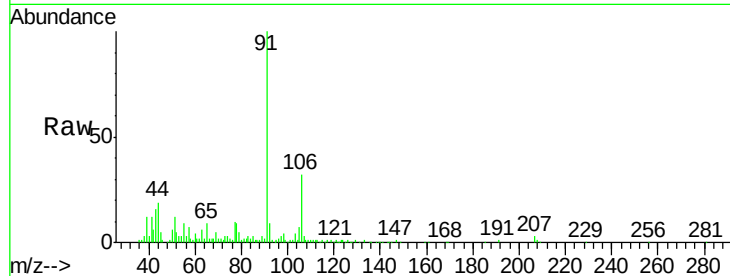
VSTDIC001

Tgt Ion: 91 Resp: 30441

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.6



#68

m/p-Xylenes

Concen: 2.48 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001935.D

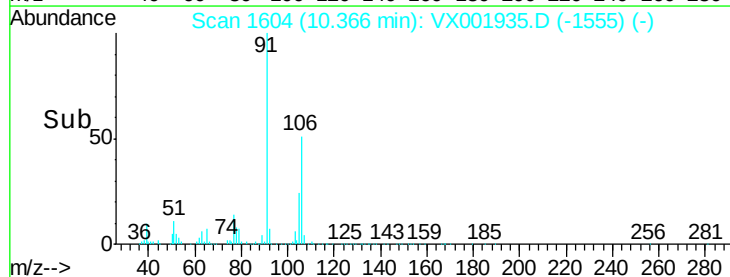
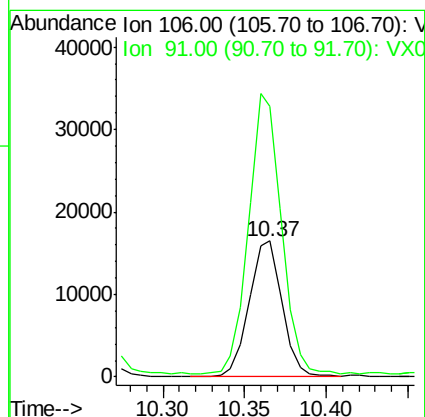
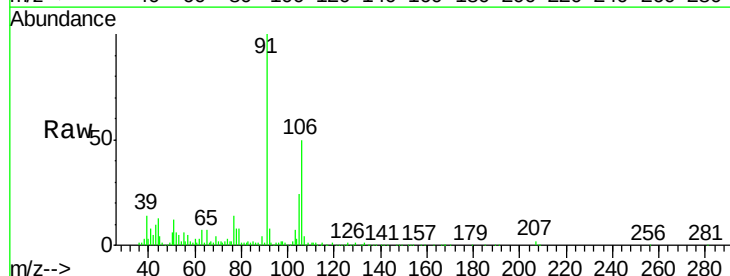
Acq: 24 May 2018 10:26

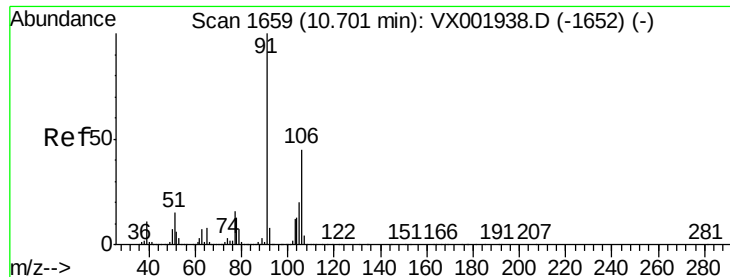
Tgt Ion: 106 Resp: 23372

Ion Ratio Lower Upper

106 100

91 203.6 165.0 247.6

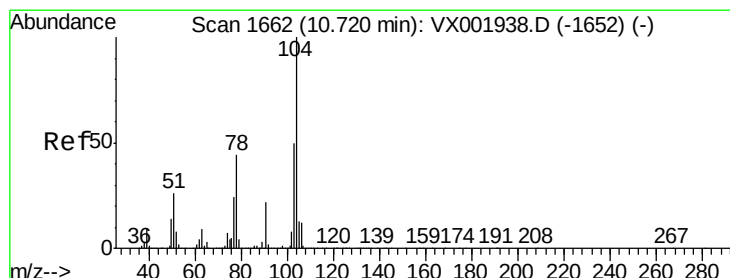
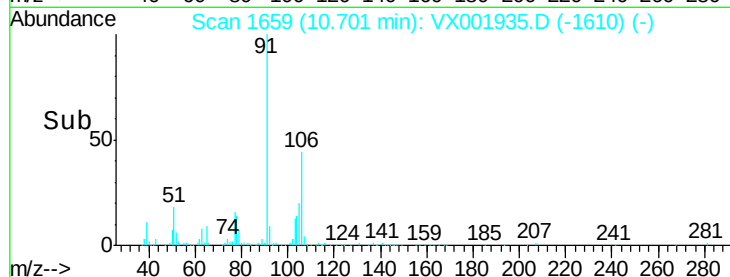
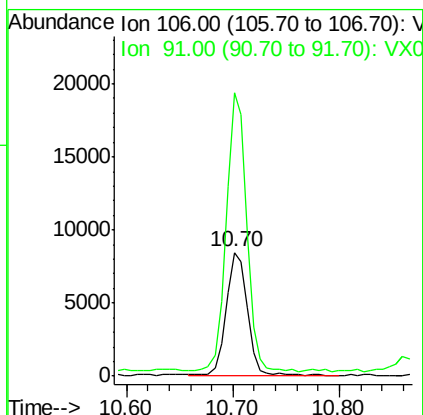
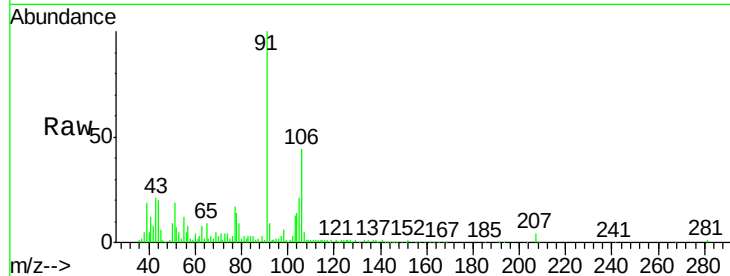




#69
o-Xylene
Concen: 1.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

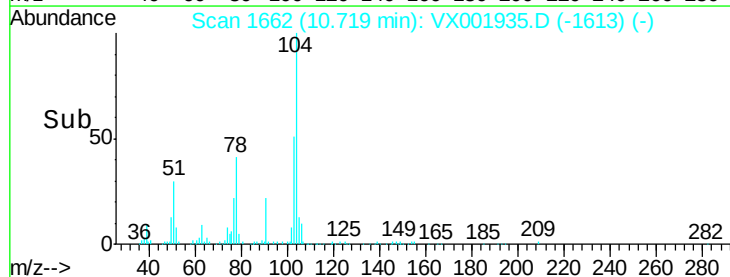
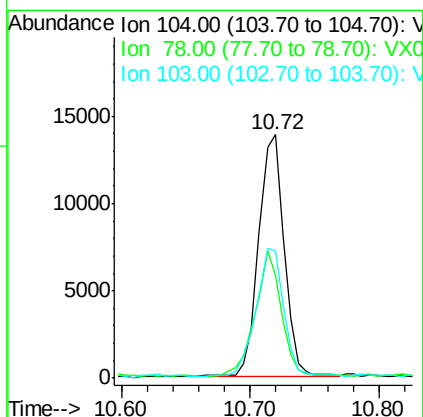
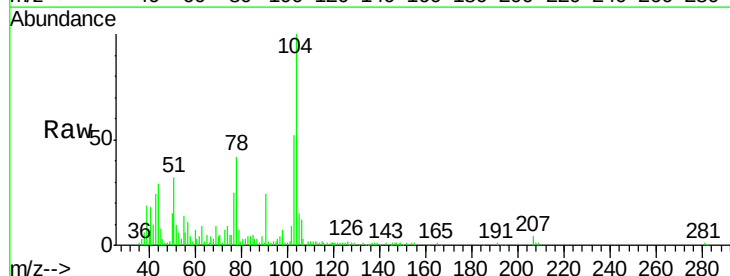
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

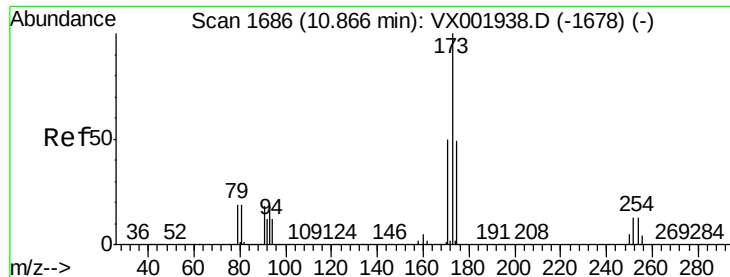
Tgt Ion:106 Resp: 11698
Ion Ratio Lower Upper
106 100
91 217.5 108.7 325.9



#70
Styrene
Concen: 1.21 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion:104 Resp: 18882
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.6
103 59.1 44.6 67.0

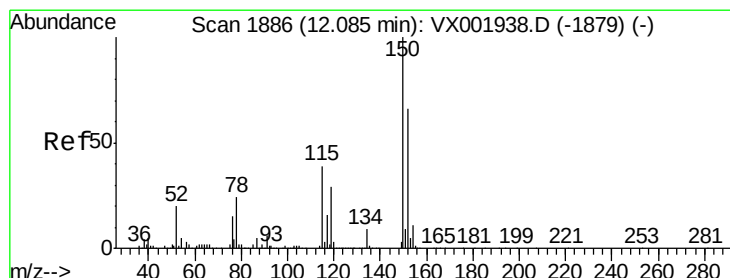
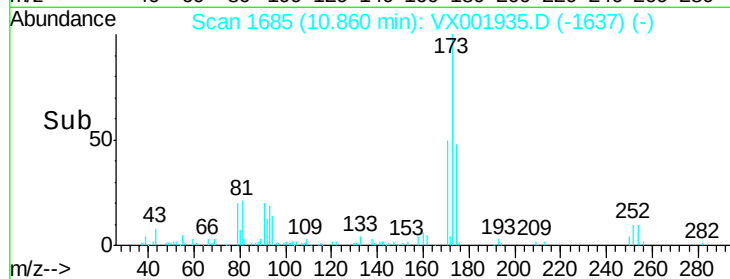
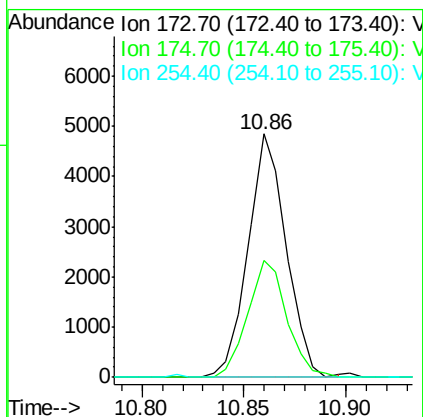
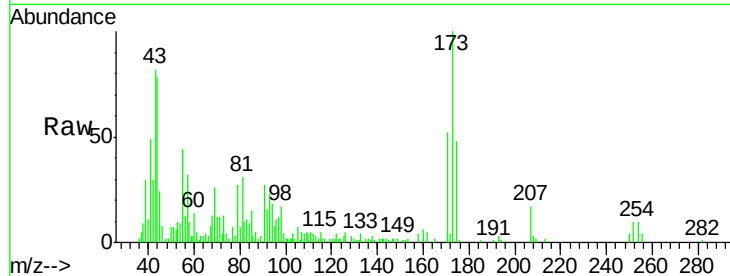




#71
Bromoform
Concen: 1.15 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

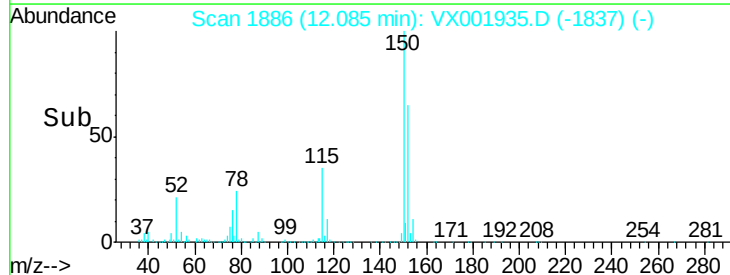
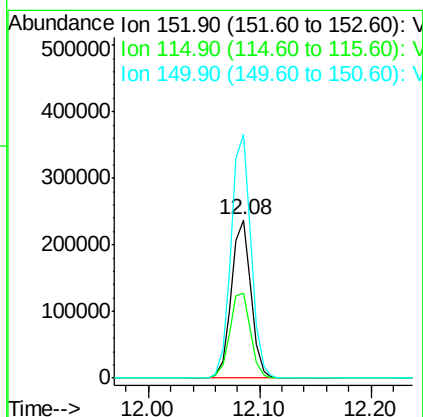
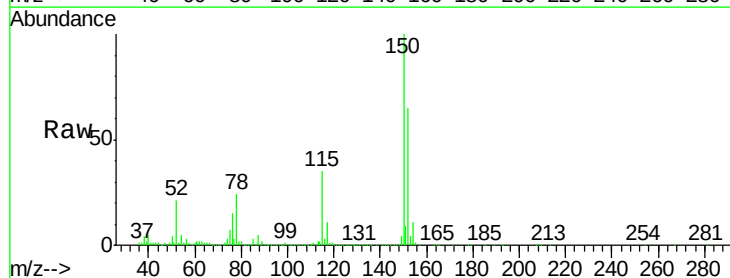
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

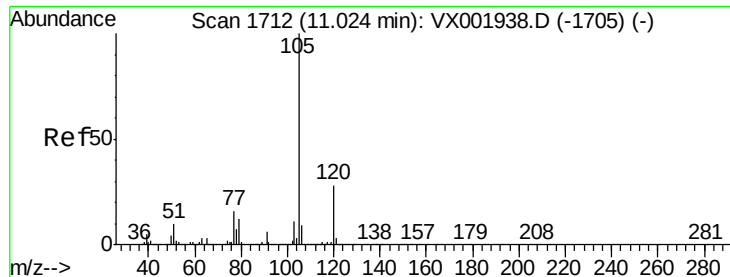
Tgt Ion:173 Resp: 6296
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion:152 Resp: 287185
Ion Ratio Lower Upper
152 100
115 57.0 42.3 126.8
150 157.0 0.0 351.0





#73

Isopropylbenzene

Concen: 1.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampled :

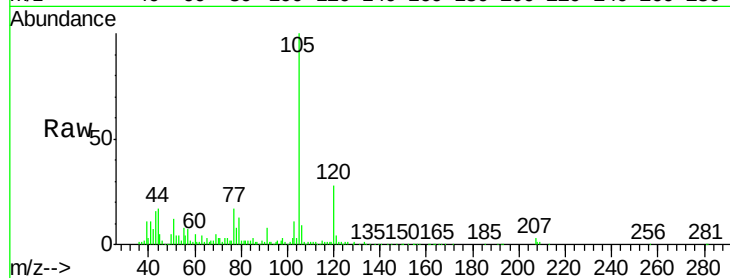
VSTDIC001

Tgt Ion:105 Resp: 30370

Ion Ratio Lower Upper

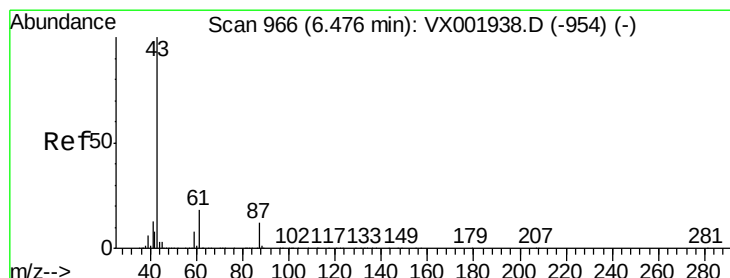
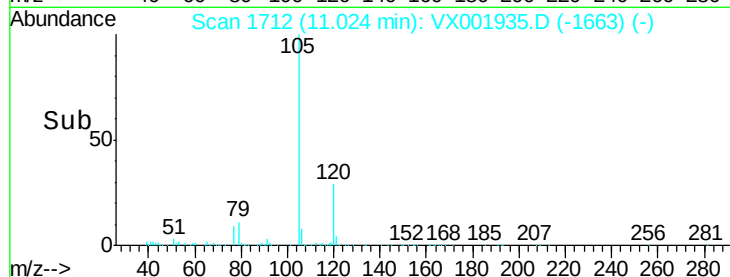
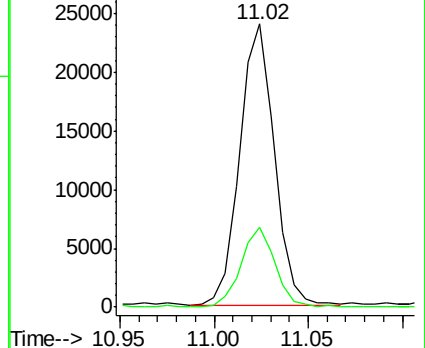
105 100

120 28.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Tgt Ion: 43 Resp: 17830

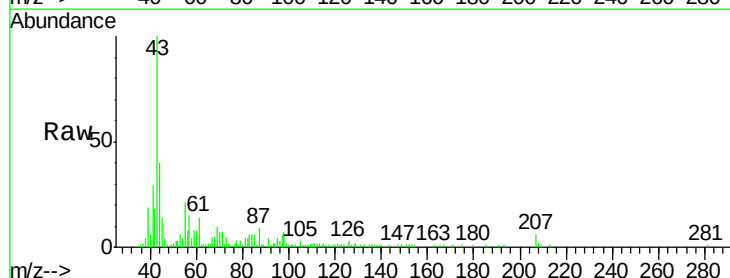
Ion Ratio Lower Upper

43 100

70 1.4 0.1 0.1#

55 1.0 0.1 0.1#

61 19.4 14.5 21.7

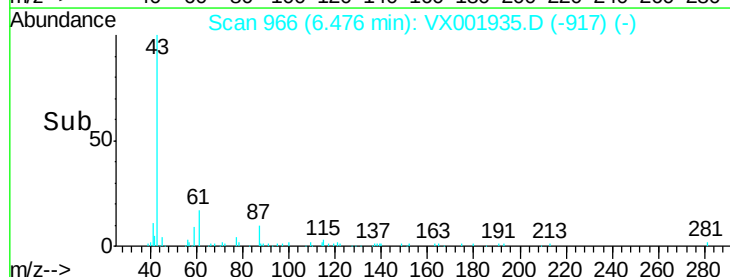
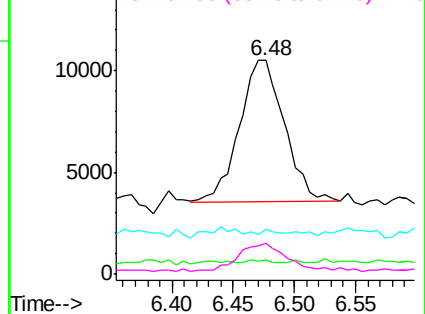


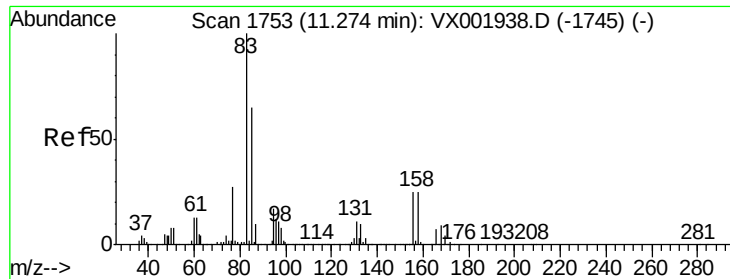
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

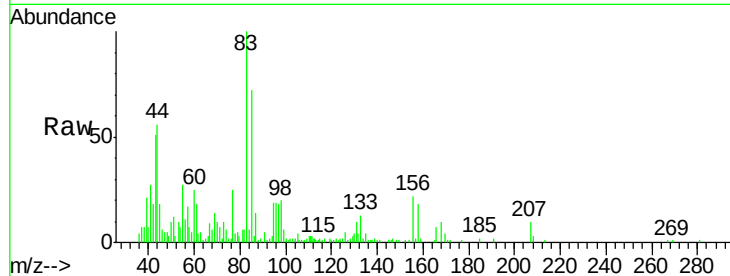
Tgt Ion: 83 Resp: 9523

Ion Ratio Lower Upper

83 100

131 14.0 5.7 17.0

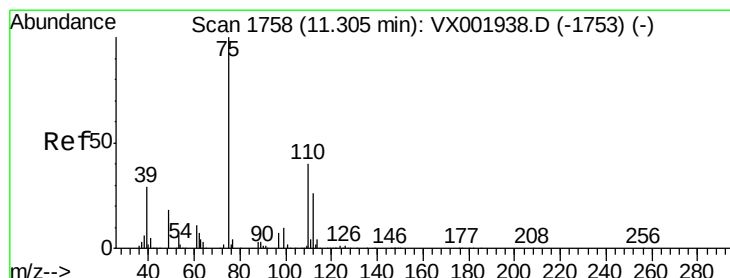
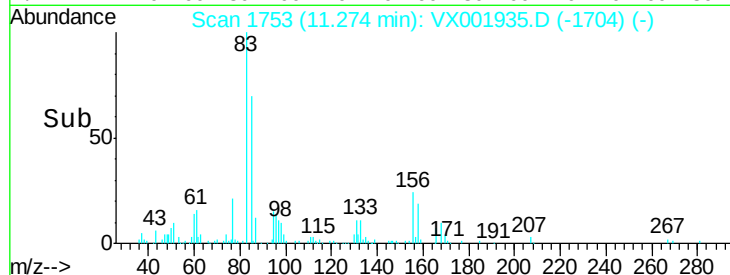
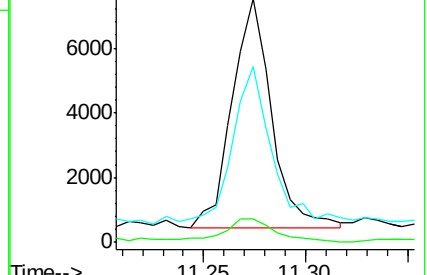
85 69.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.90 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001935.D

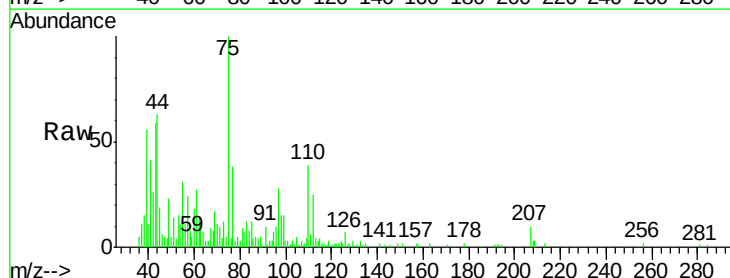
Acq: 24 May 2018 10:26

Tgt Ion: 75 Resp: 12045

Ion Ratio Lower Upper

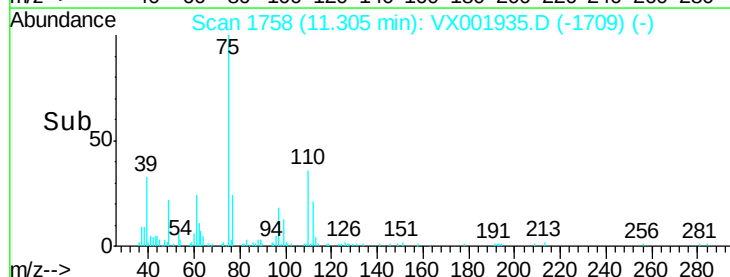
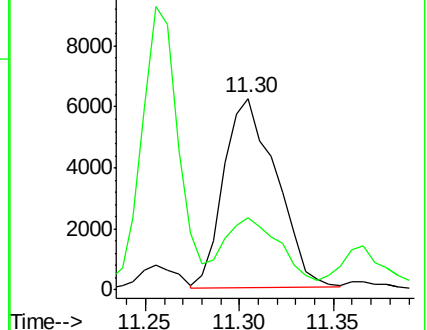
75 100

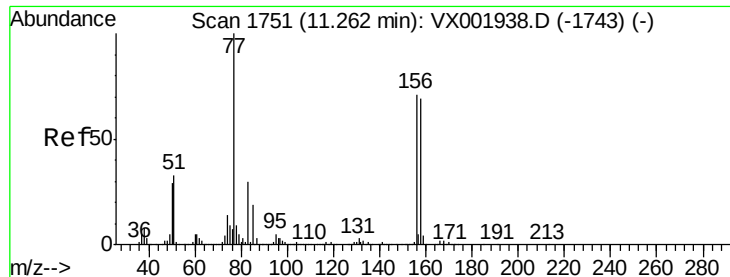
77 34.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

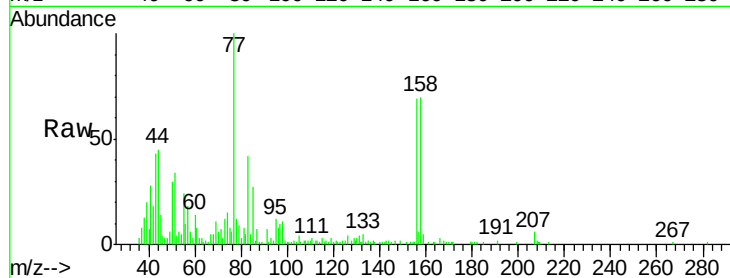
Tgt Ion:156 Resp: 7779

Ion Ratio Lower Upper

156 100

77 152.8 75.2 225.6

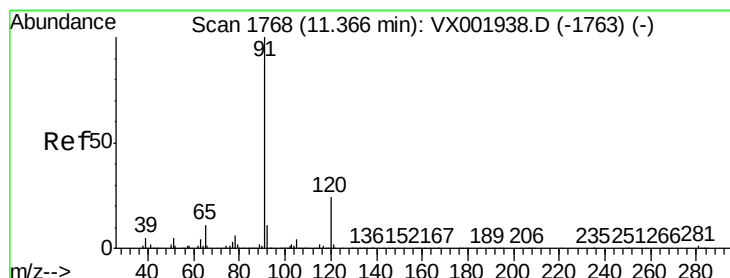
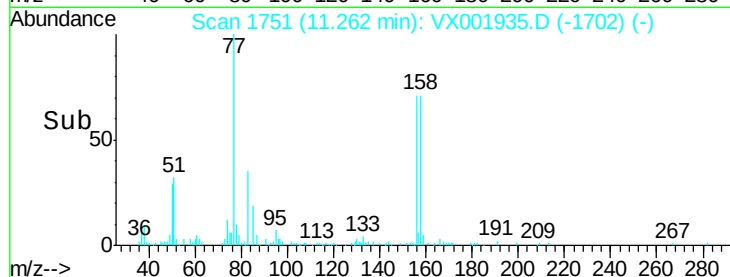
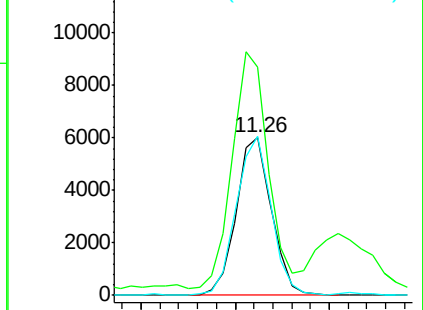
158 99.5 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001935.D

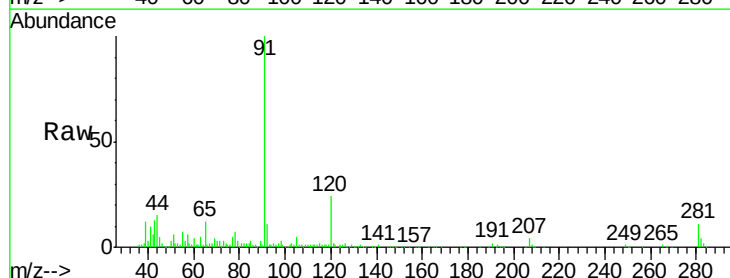
Acq: 24 May 2018 10:26

Tgt Ion: 91 Resp: 33673

Ion Ratio Lower Upper

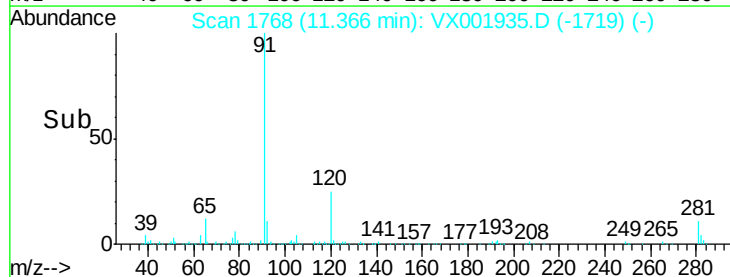
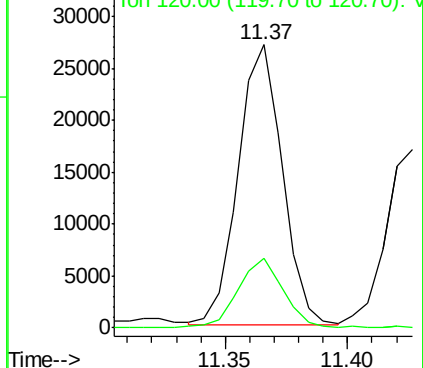
91 100

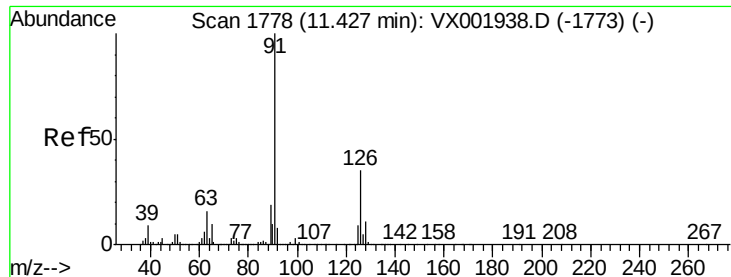
120 25.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.39 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

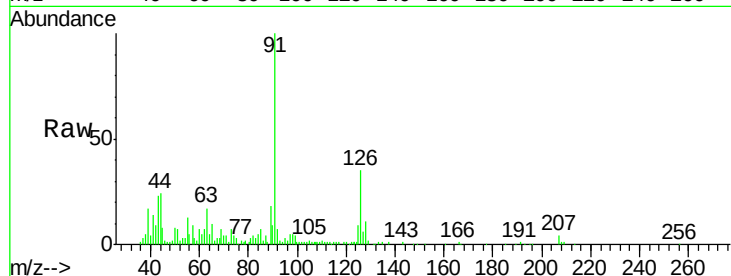
VSTDIC001

Tgt Ion: 91 Resp: 21938

Ion Ratio Lower Upper

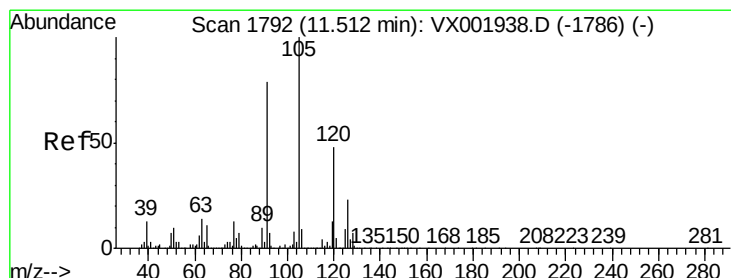
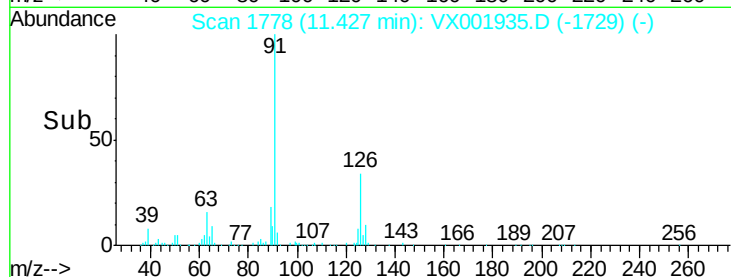
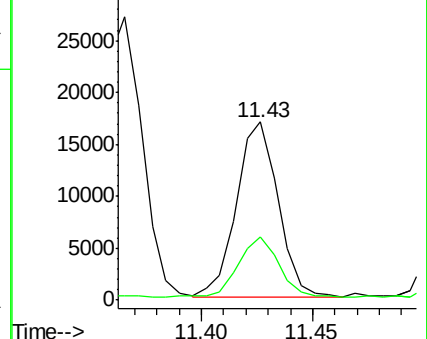
91 100

126 34.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001935.D

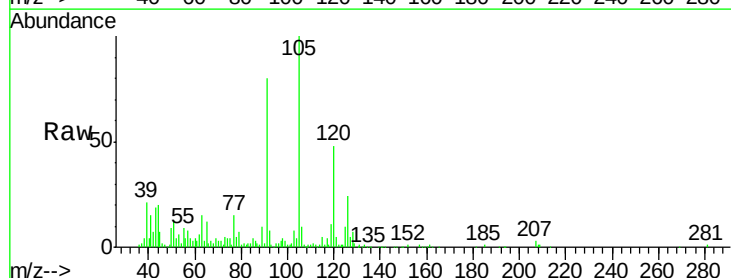
Acq: 24 May 2018 10:26

Tgt Ion: 105 Resp: 26108

Ion Ratio Lower Upper

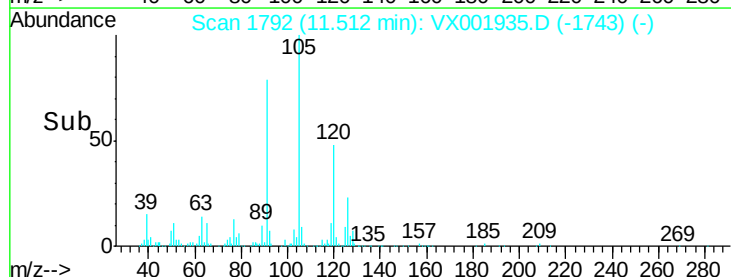
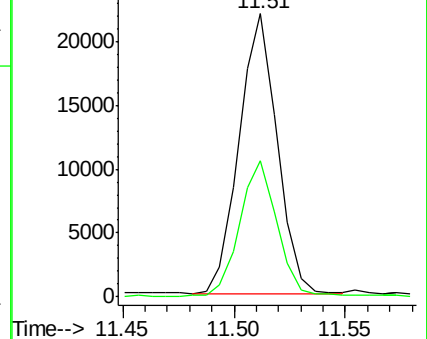
105 100

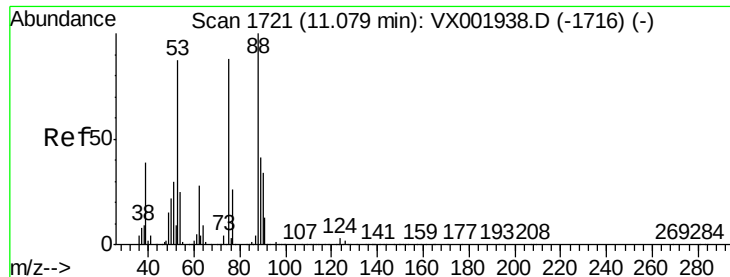
120 47.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 1.35 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

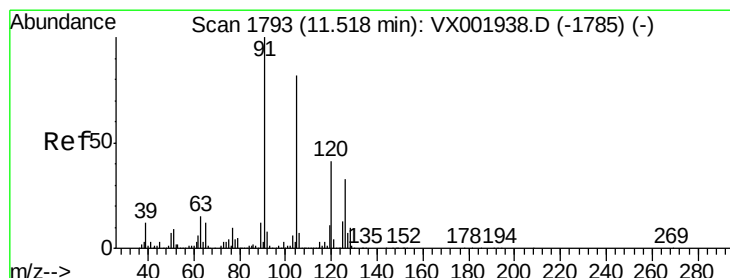
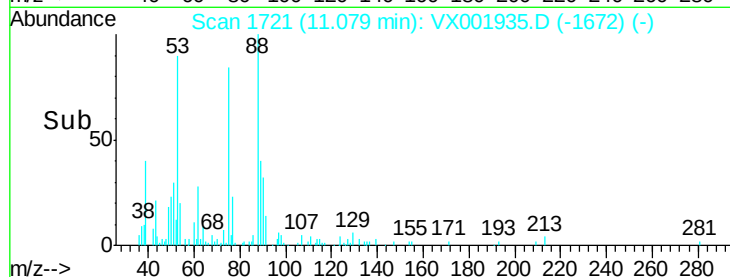
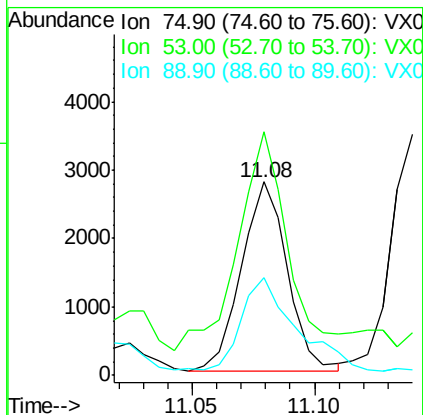
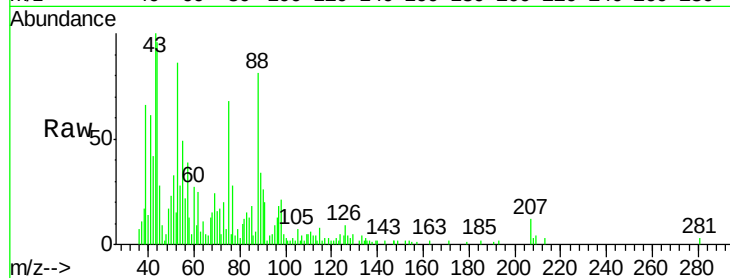
Tgt Ion: 75 Resp: 3596

Ion Ratio Lower Upper

75 100

53 122.7 78.0 117.0#

89 58.0 39.4 59.2



#82

4-Chlorotoluene

Concen: 1.30 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001935.D

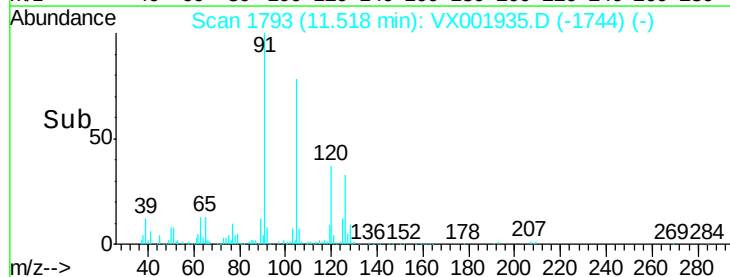
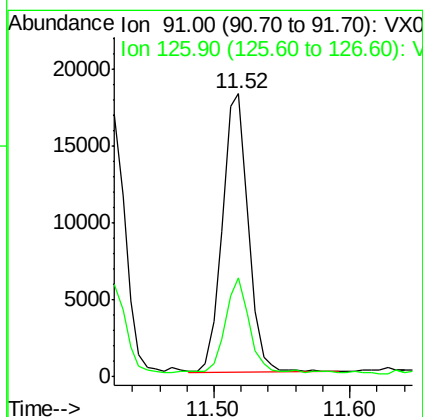
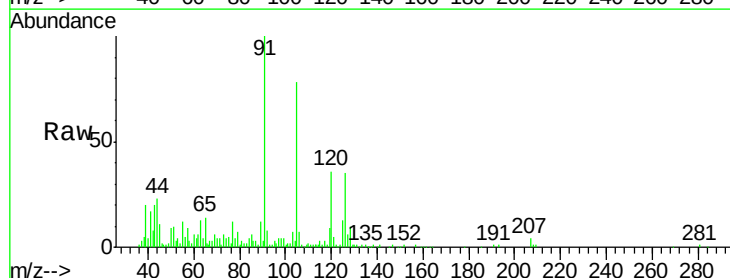
Acq: 24 May 2018 10:26

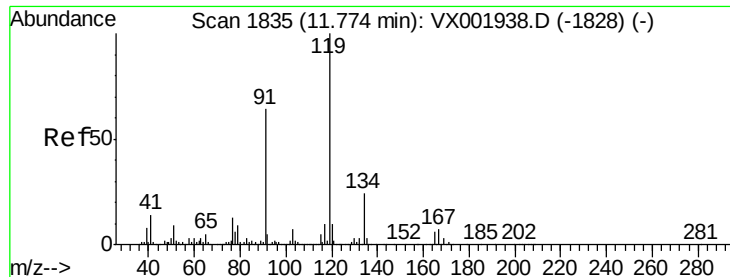
Tgt Ion: 91 Resp: 23803

Ion Ratio Lower Upper

91 100

126 32.9 15.3 45.8

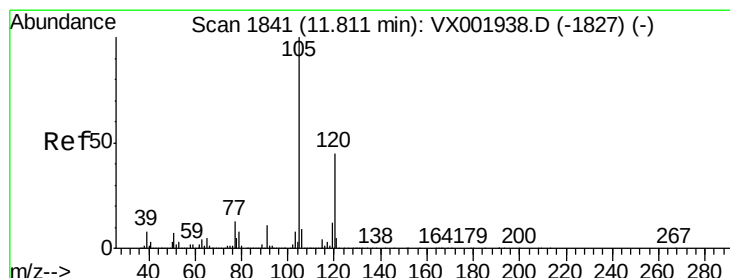
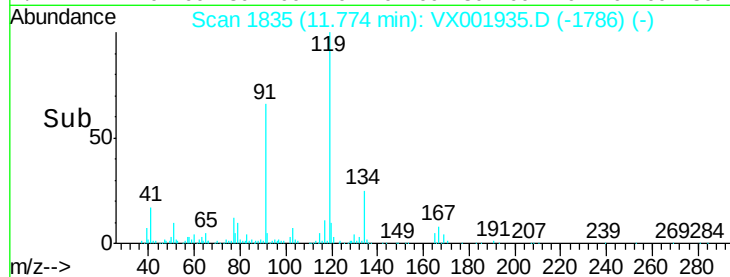
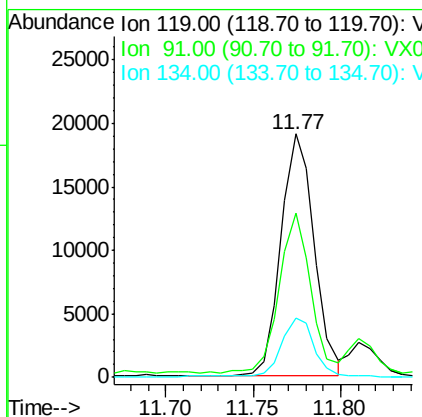
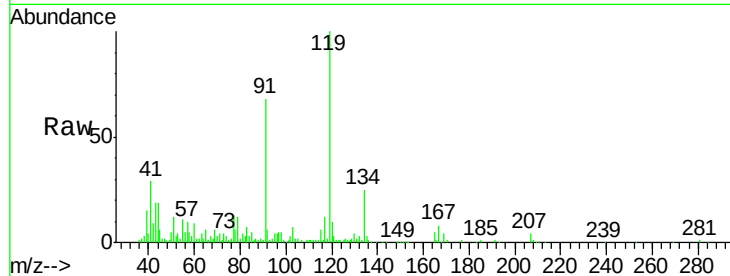




#83
 tert-Butylbenzene
 Concen: 1.33 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

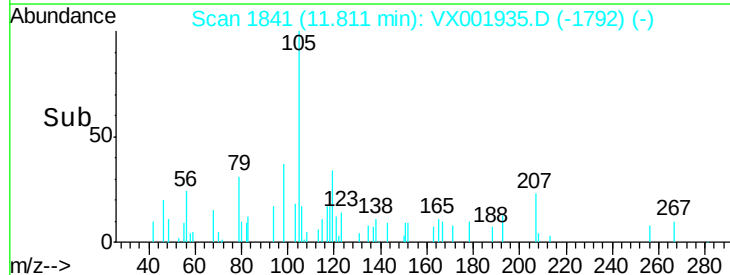
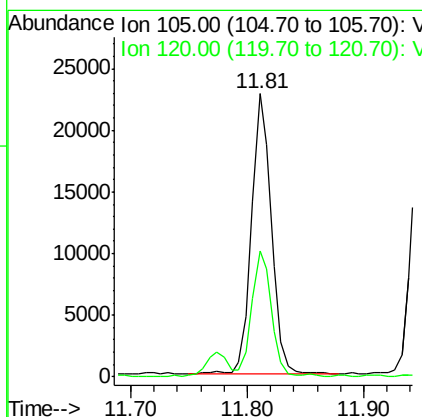
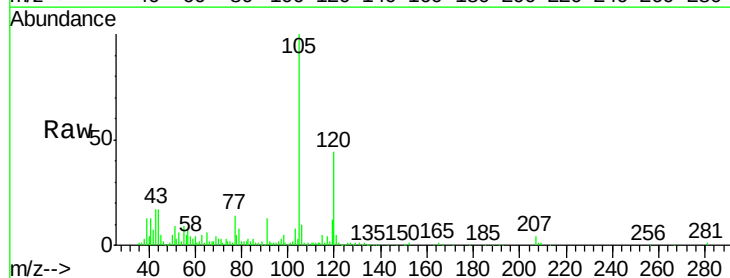
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

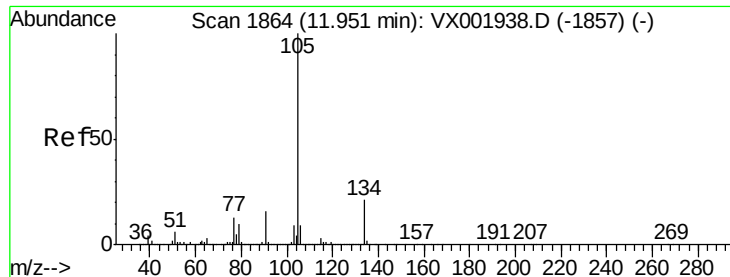
Tgt Ion:119 Resp: 25432
 Ion Ratio Lower Upper
 119 100
 91 62.8 30.6 91.8
 134 24.6 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.34 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion:105 Resp: 27246
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 1.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

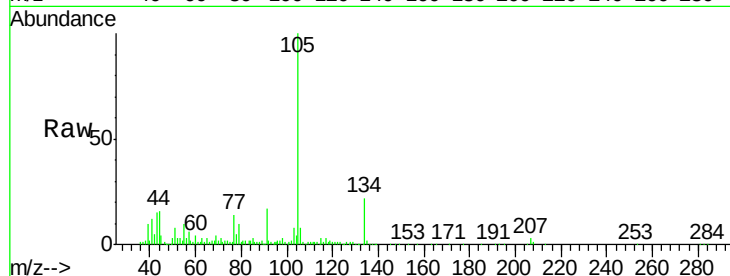
VSTDIC001

Tgt Ion:105 Resp: 30543

Ion Ratio Lower Upper

105 100

134 21.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

25000

20000

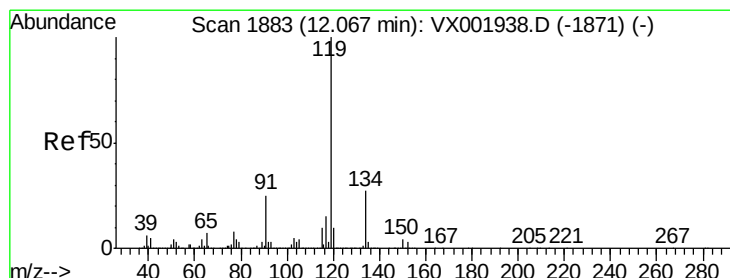
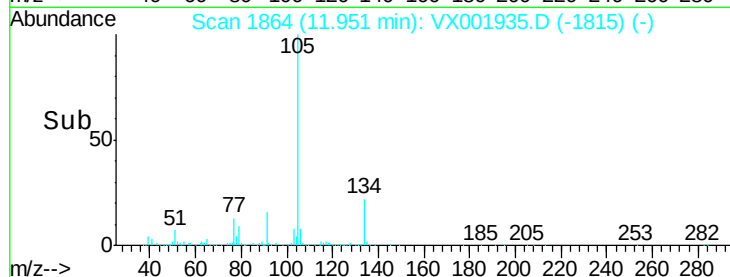
15000

10000

5000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 1.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

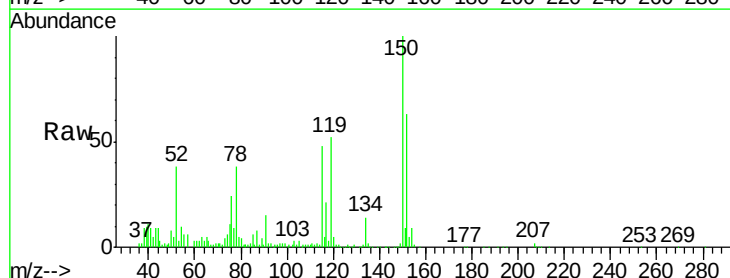
Tgt Ion:119 Resp: 27215

Ion Ratio Lower Upper

119 100

134 29.3 13.6 40.8

91 29.3 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

30000

25000

20000

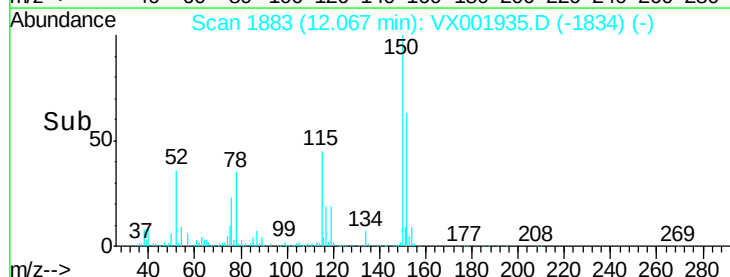
15000

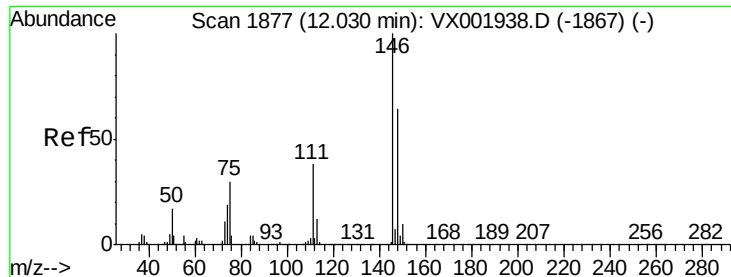
10000

5000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 1.28 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

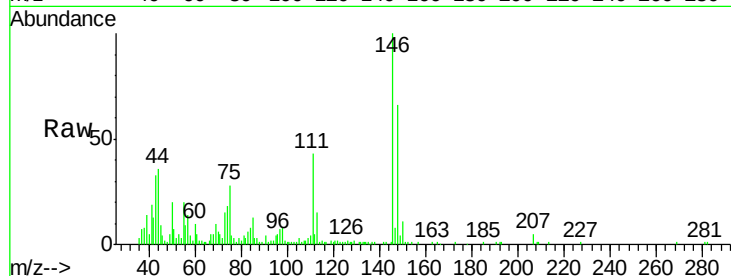
Tgt Ion:146 Resp: 14034

Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.8

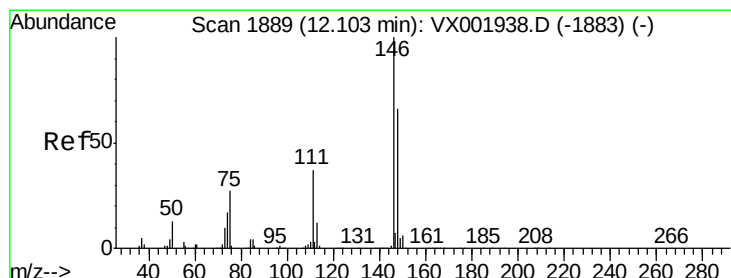
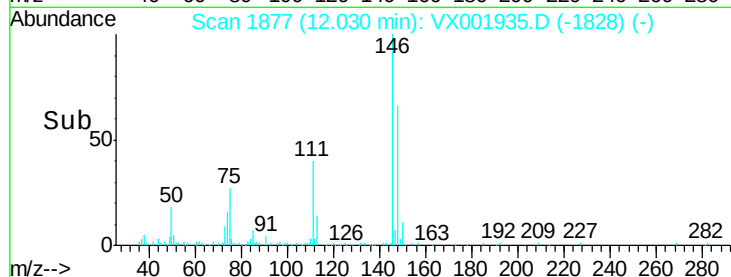
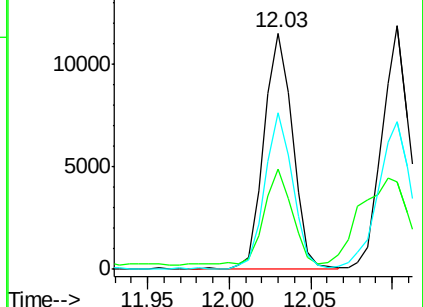
148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

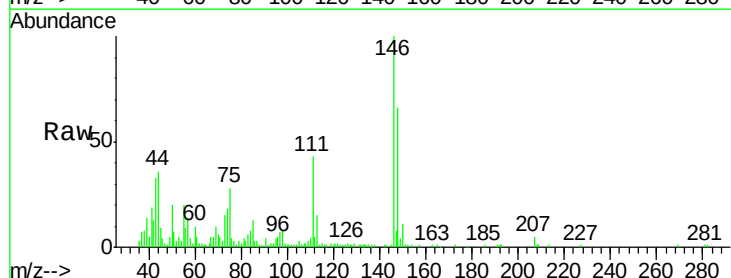
Tgt Ion:146 Resp: 14034

Ion Ratio Lower Upper

146 100

111 40.5 18.9 56.5

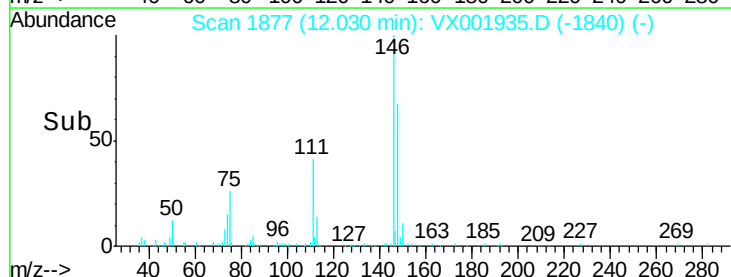
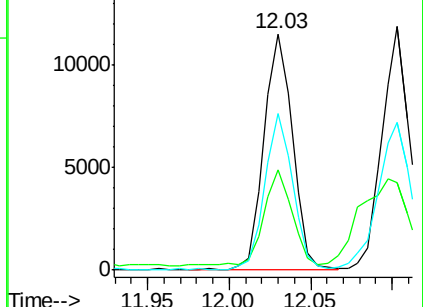
148 65.0 32.3 96.8

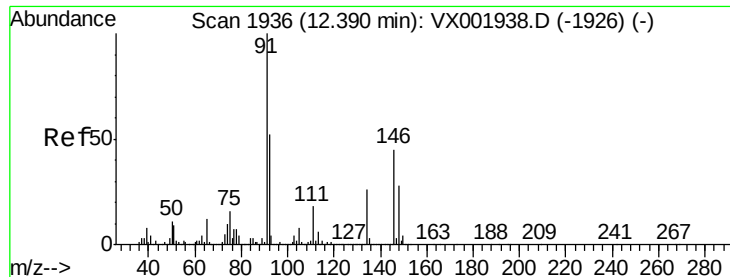


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX001935.D

Acq: 24 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

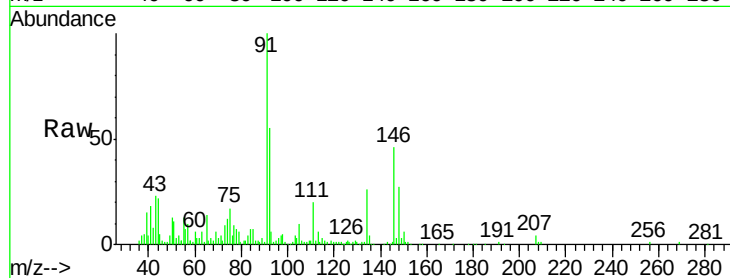
Tgt Ion: 91 Resp: 22225

Ion Ratio Lower Upper

91 100

92 54.0 26.3 78.9

134 28.7 13.6 40.7

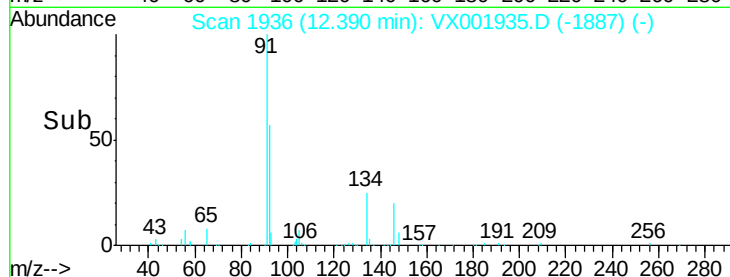


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time-->

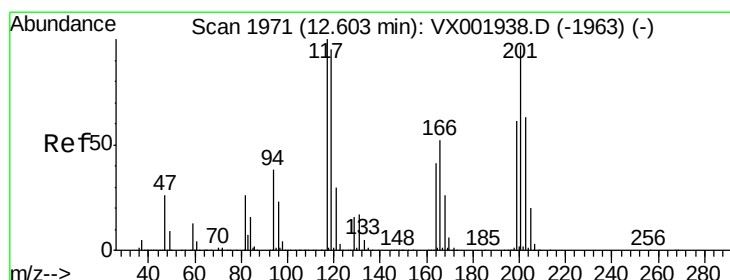


Abundance Ion 91.00 (90.70 to 91.70): VX001935.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX001935.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX001935.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 1.33 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001935.D

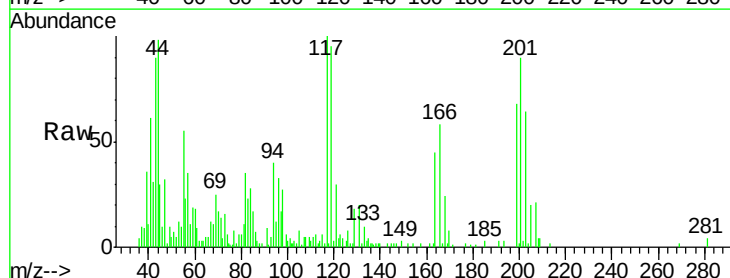
Acq: 24 May 2018 10:26

Tgt Ion: 117 Resp: 5489

Ion Ratio Lower Upper

117 100

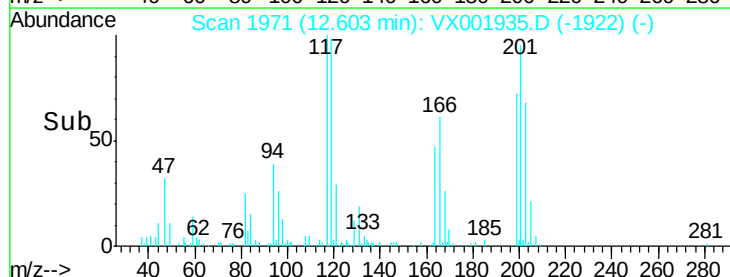
201 89.6 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

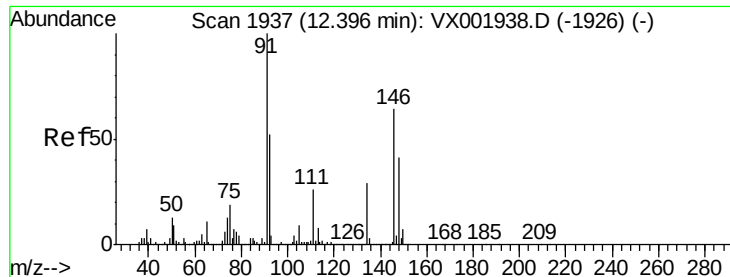
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX001935.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001935.D (-1922) (-)

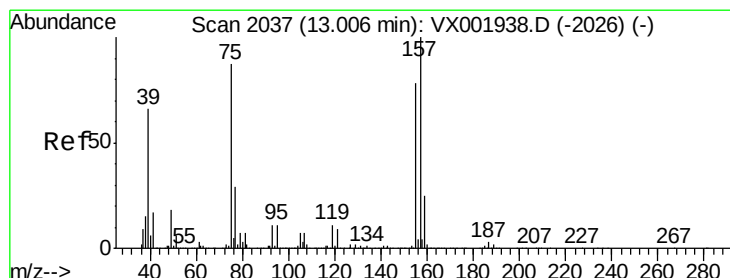
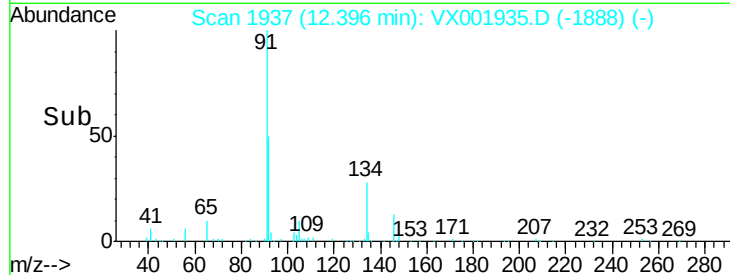
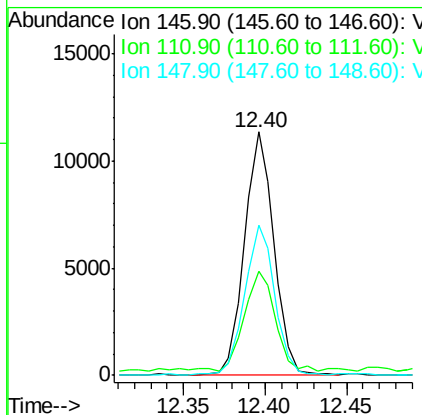
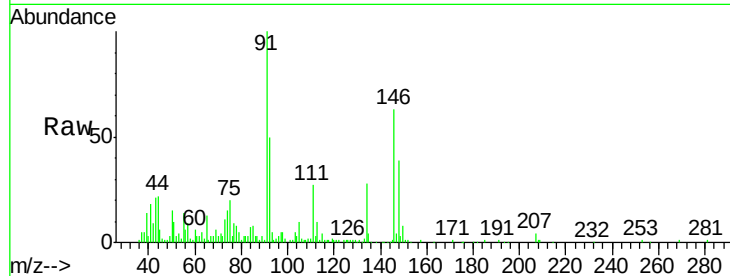
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 1.27 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

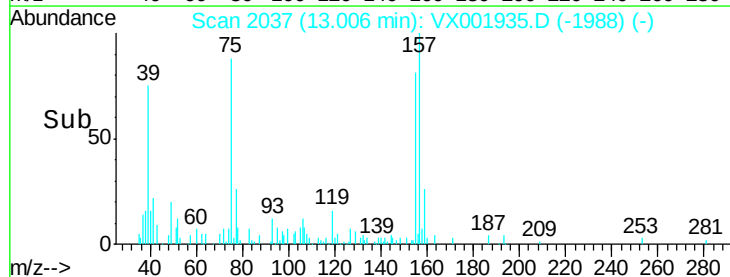
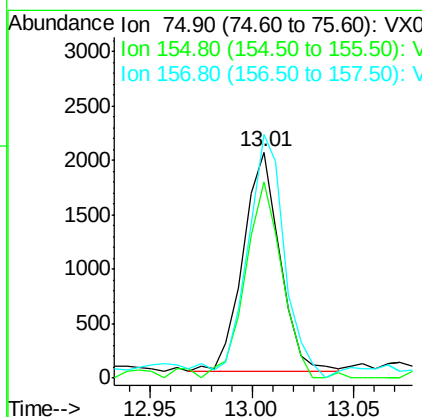
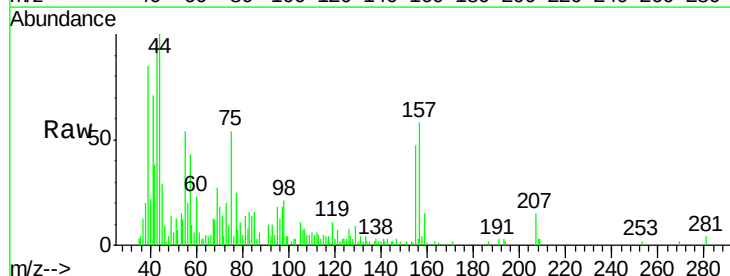
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

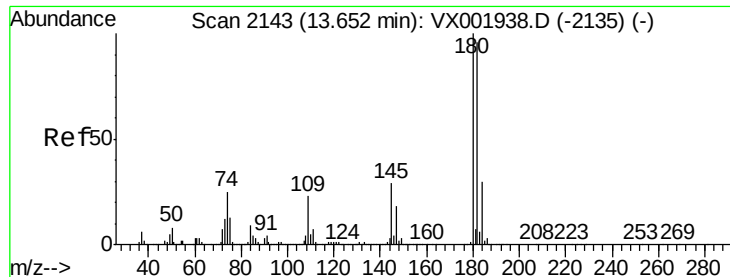
Tgt Ion:146 Resp: 14319
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.8 59.3
 148 63.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.22 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion: 75 Resp: 2527
 Ion Ratio Lower Upper
 75 100
 155 88.6 45.1 135.2
 157 110.8 58.1 174.2

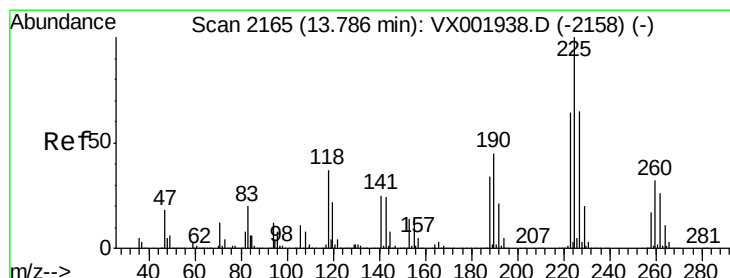
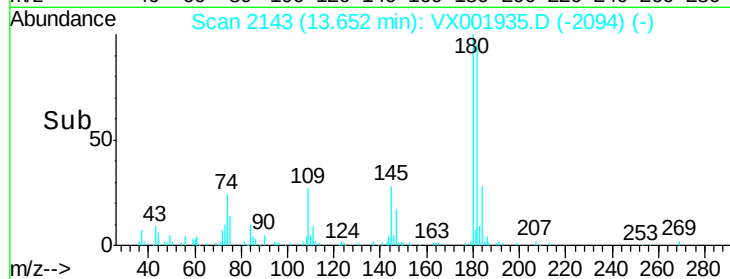
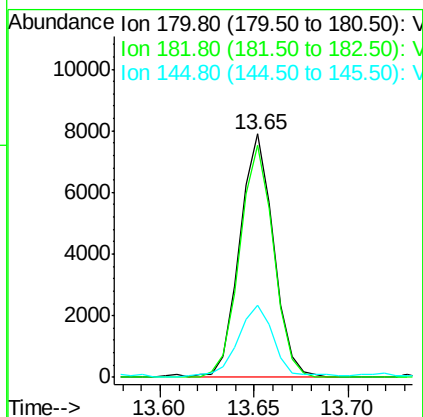
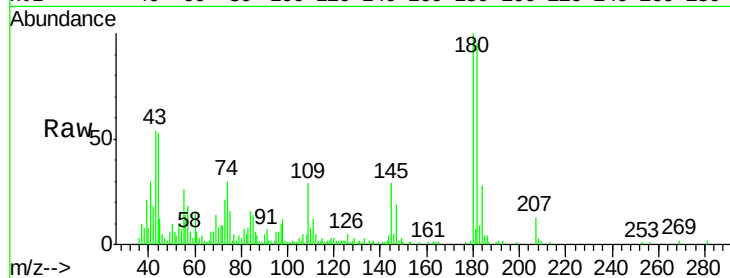




#93
 1,2,4-Trichlorobenzene
 Concen: 1.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

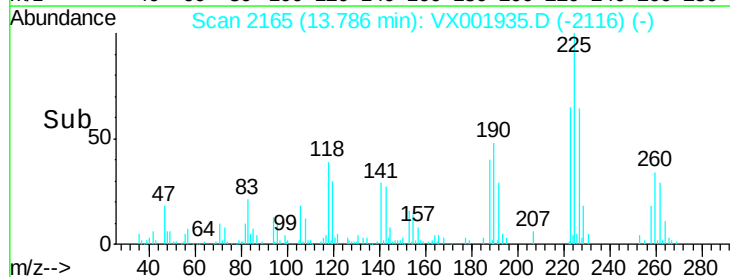
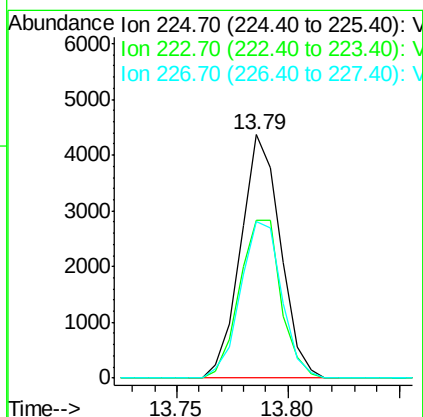
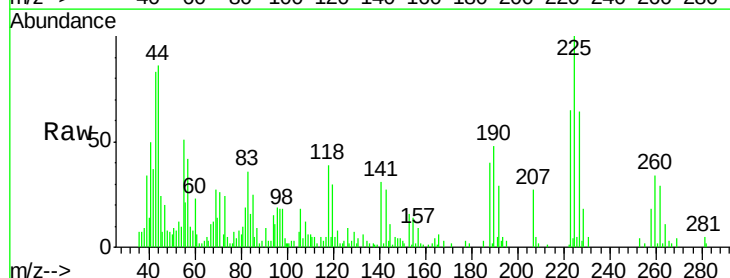
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

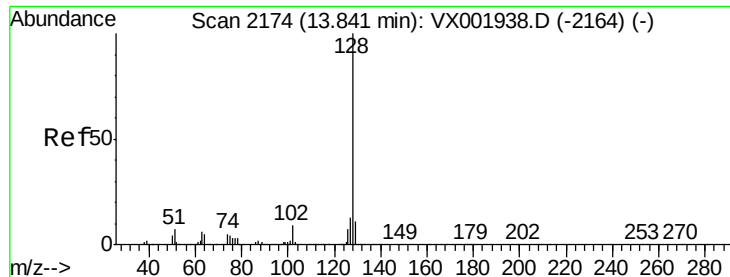
Tgt Ion:180 Resp: 9873
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.7 143.1
 145 32.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 1.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001935.D
 Acq: 24 May 2018 10:26

Tgt Ion:225 Resp: 5435
 Ion Ratio Lower Upper
 225 100
 223 67.6 31.1 93.5
 227 66.6 32.1 96.5

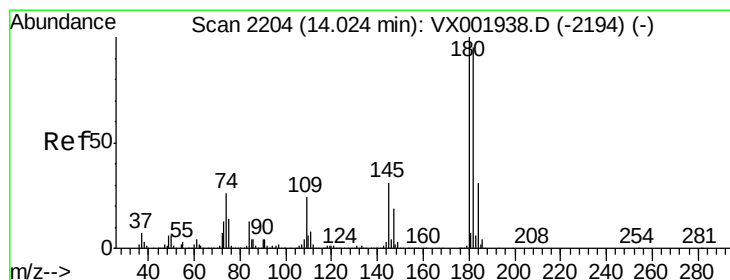
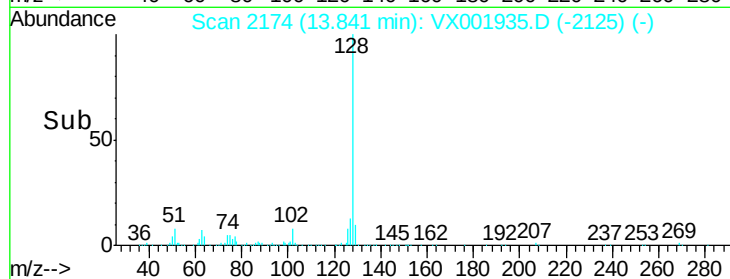
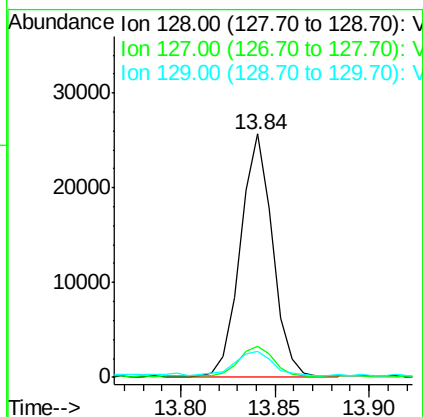
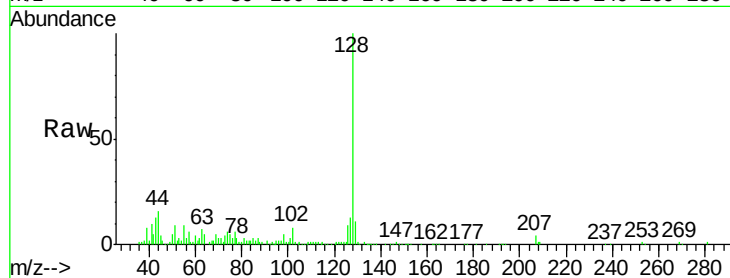




#95
Naphthalene
Concen: 1.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	30120
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.4	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.20 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001935.D
Acq: 24 May 2018 10:26

Tgt Ion:	180	Resp:	10169
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.6
145	35.3	15.1	45.3

