

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
 Data File : VX005213.D
 Acq On : 10 Oct 2018 18:13
 Operator : JC/MD
 Sample : J5317-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP04-20181004

Quant Time: Oct 11 06:06:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	255416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	128170	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	5.51	113	109765	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.72	98	383906	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	133917	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	499	0.218 ug/l	100
3) Chloromethane	1.33	50	748	0.269 ug/l	95
5) Bromomethane	1.64	94	852	0.552 ug/l #	67
6) Chloroethane	1.70	64	295	Below Cal #	46
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4233	2.305 ug/l	96
10) Methyl Iodide	2.52	142	822	0.334 ug/l #	90
11) Tert butyl alcohol	3.02	59	5834	8.701 ug/l #	81
12) 1,1-Dichloroethene	2.37	96	7040	3.870 ug/l	88
13) Acrolein	2.29	56	385	0.807 ug/l	95
15) Acrylonitrile	3.17	53	722	0.489 ug/l #	87
16) Acetone	2.45	43	7126	5.090 ug/l	94
17) Carbon Disulfide	2.57	76	2214	0.405 ug/l	99
18) Methyl Acetate	2.79	43	1144	0.323 ug/l	92
20) Methylene Chloride	2.86	84	548	Below Cal #	63
21) trans-1,2-Dichloroethene	3.16	96	502	0.252 ug/l	88
24) 1,1-Dichloroethane	3.70	63	19753	4.955 ug/l	99
25) 2-Butanone	4.71	43	983	0.476 ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	5334	2.398 ug/l	95
29) Tetrahydrofuran	5.17	42	2879	2.245 ug/l	93
30) Chloroform	5.22	83	11490	3.050 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	2201	0.715 ug/l #	49
36) 1,1-Dichloropropene	5.66	75	11577	3.818 ug/l #	46
38) Carbon Tetrachloride	5.79	117	2267	0.711 ug/l	90
39) Methylcyclohexane	7.21	83	26071	8.421 ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1471	0.438 ug/l	76
44) Trichloroethene	7.22	130	2356977	1010.056 ug/l	98
47) Bromodichloromethane	7.90	83	606	0.221 ug/l #	82
49) 1,4-Dioxane	7.77	88	974	14.869 ug/l #	84
55) 1,1,2-Trichloroethane	9.21	97	3560	1.558 ug/l	92
56) Ethyl methacrylate	8.91	69	19	2.867 ug/l #	22
60) Dibromochloromethane	9.34	129	470	0.206 ug/l #	10
70) Styrene	10.72	104	350	2.188 ug/l	87
74) N-amyl acetate	10.90	43	191	1.786 ug/l #	49
76) 1,2,3-Trichloropropane	11.14	75	65623	21.085 ug/l #	35

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

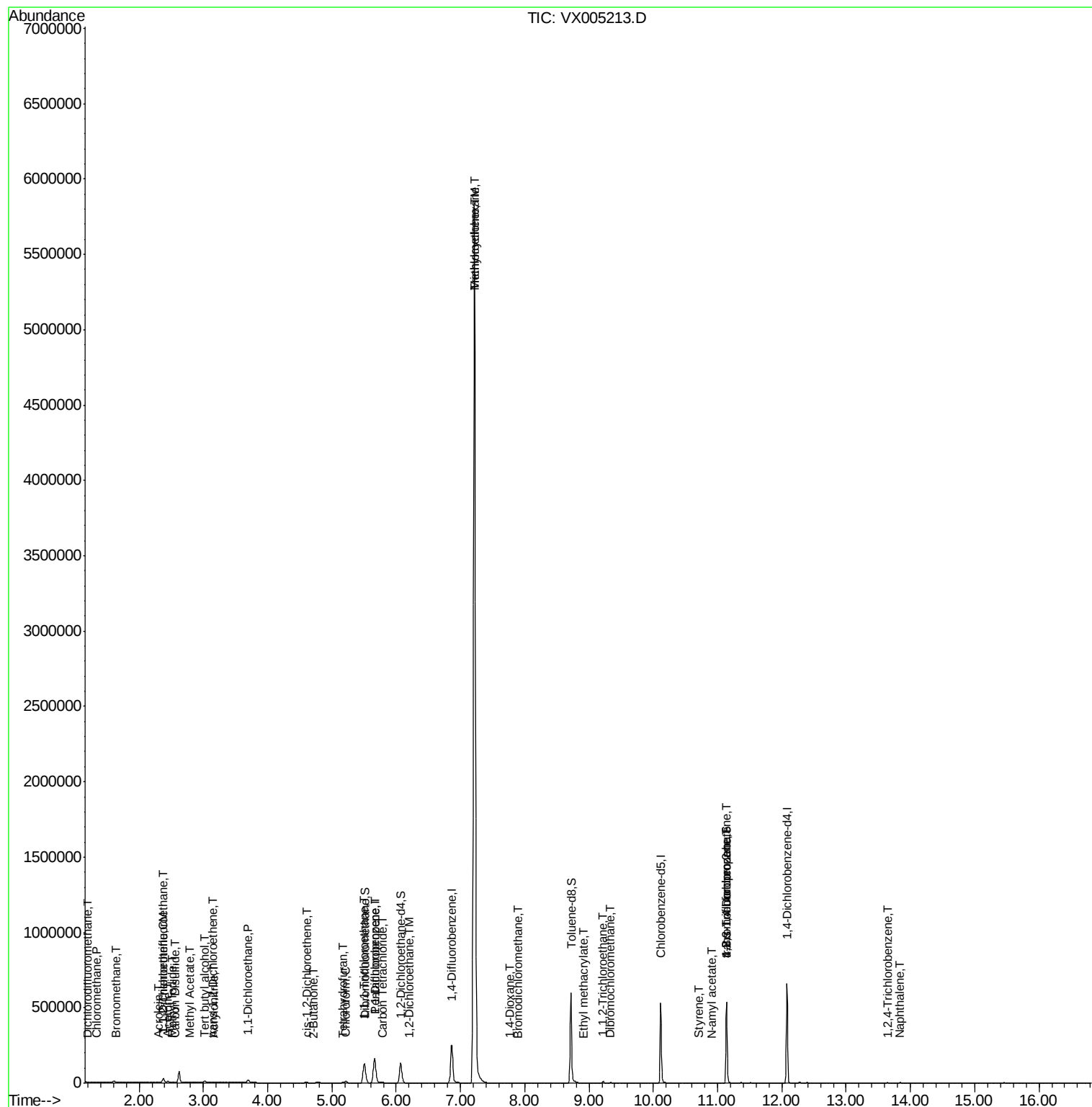
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	513	Below Cal	93
81) trans-1,4-Dichloro-2-buten	11.14	75	65623	57.208 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	666	Below Cal	97
93) 1,2,4-Trichlorobenzene	13.65	180	717	0.206 ug/l	80
95) Naphthalene	13.83	128	1684	0.863 ug/l #	93

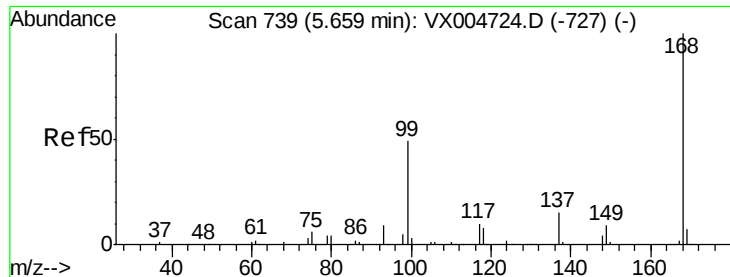
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

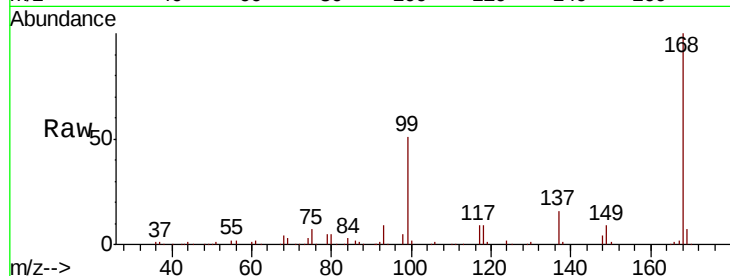
TT-DUP04-20181004

Tot Ion:168 Resp: 167875

Ion Ratio Lower Upper

168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

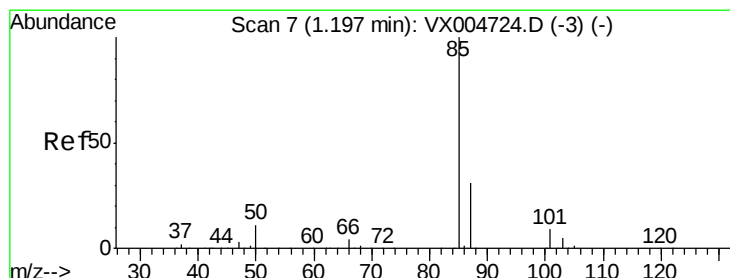
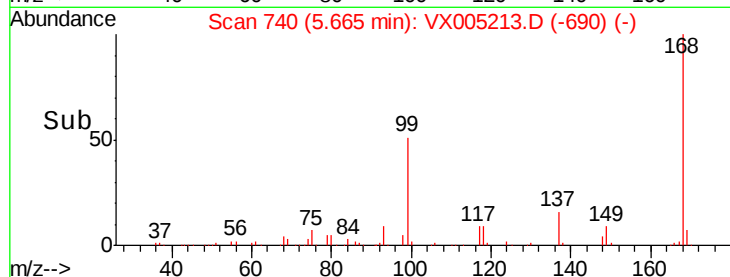
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.218 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005213.D

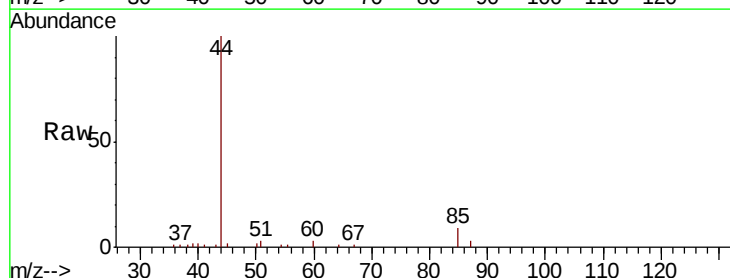
Acq: 10 Oct 2018 18:13

Tgt Ion: 85 Resp: 499

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

500

400

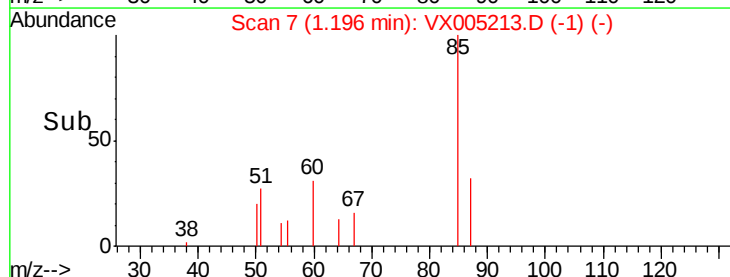
300

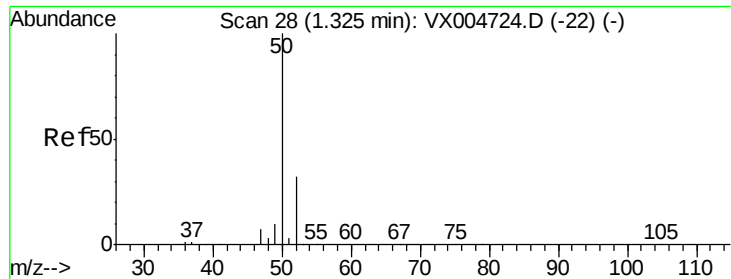
200

100

0

Time--> 1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.269 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

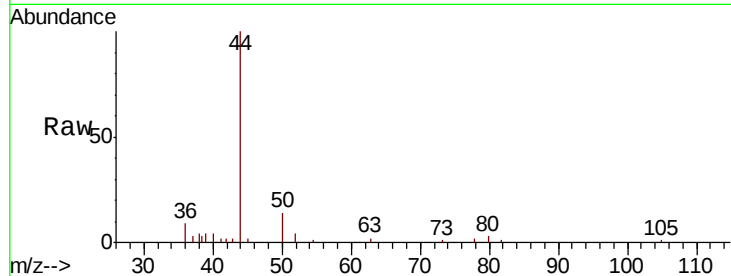
TT-DUP04-20181004

Tot Ion: 50 Resp: 748

Ion Ratio Lower Upper

50 100

52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

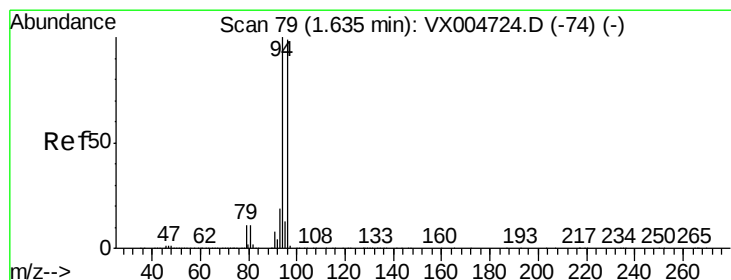
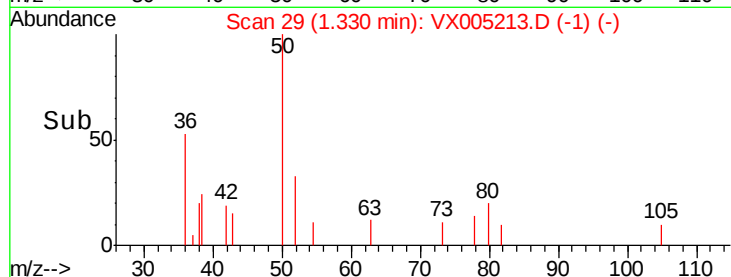
400

200

0

1.30 1.35

Time-->



#5

Bromomethane

Concen: 0.552 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005213.D

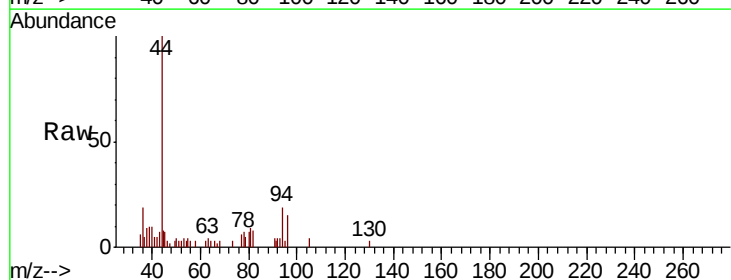
Acq: 10 Oct 2018 18:13

Tgt Ion: 94 Resp: 852

Ion Ratio Lower Upper

94 100

96 66.1 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

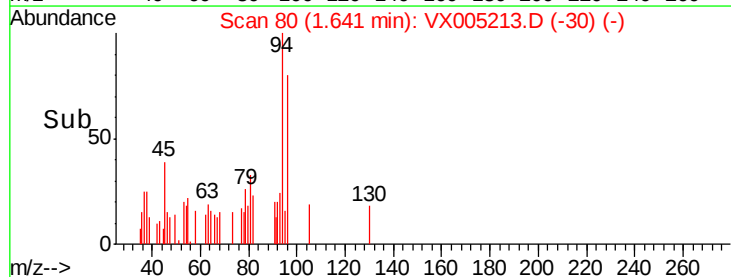
200

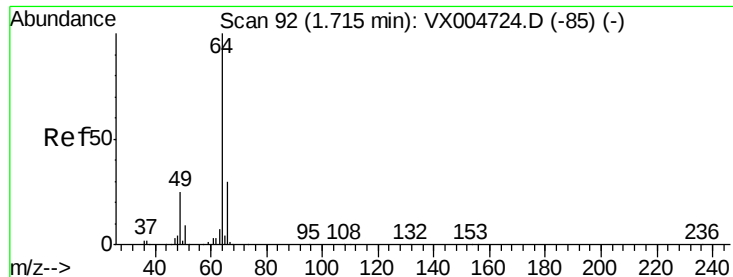
100

0

1.55 1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

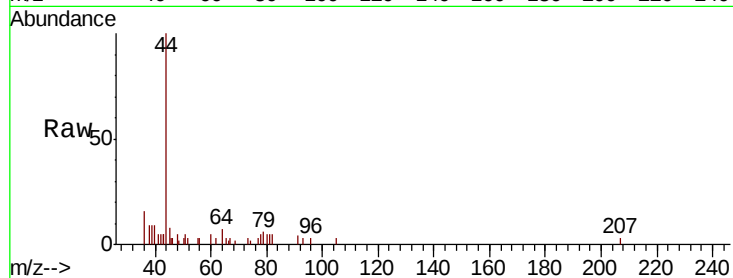
TT-DUP04-20181004

Tot Ion: 64 Resp: 295

Ion Ratio Lower Upper

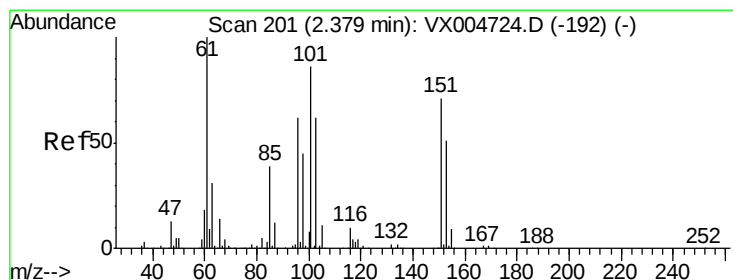
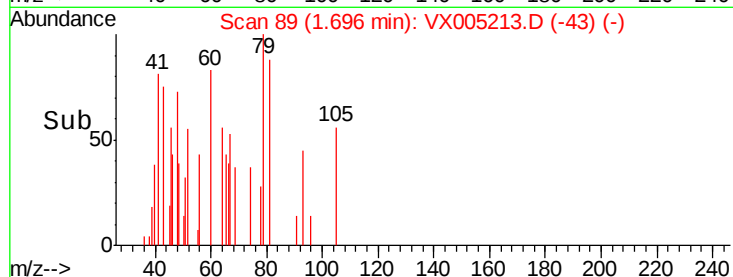
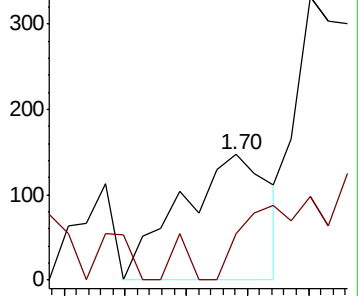
64 100

66 0.7 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.305 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

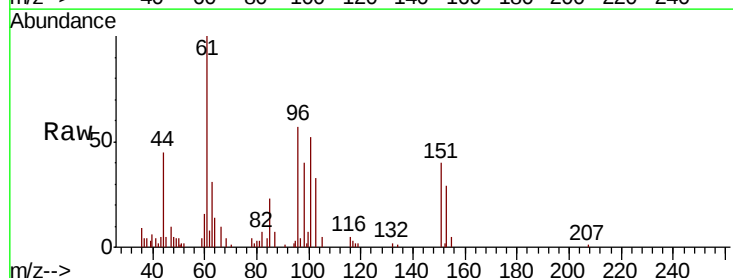
Tgt Ion:101 Resp: 4233

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

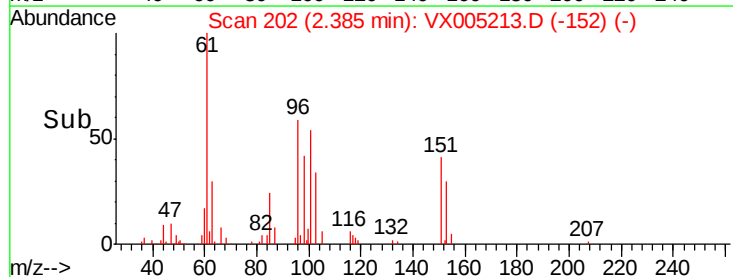
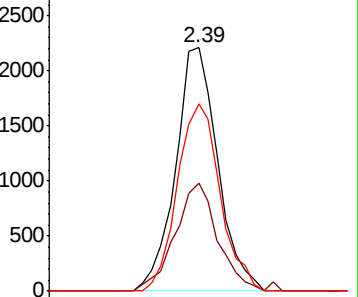
151 78.0 66.6 100.0

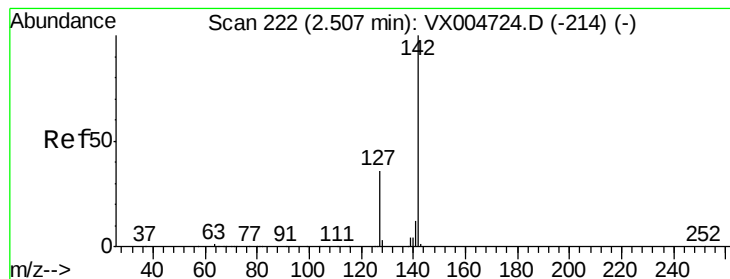


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#10

Methvl Iodide

Concen: 0.334 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

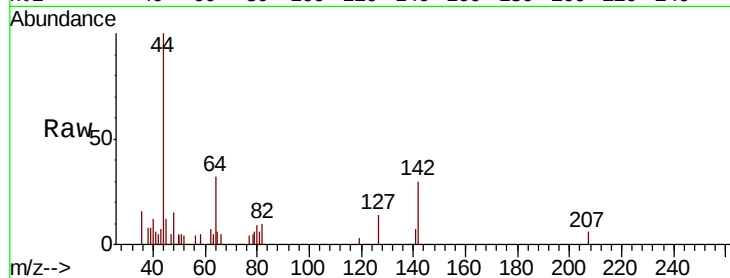
Tot Ion:142 Resp: 822

Ion Ratio Lower Upper

142 100

127 43.3 30.1 45.1

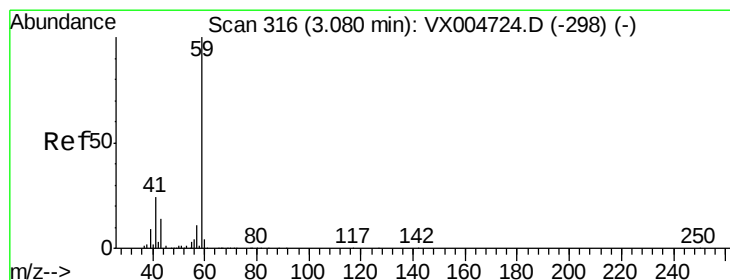
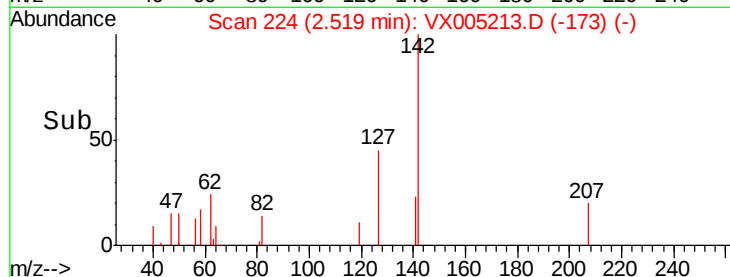
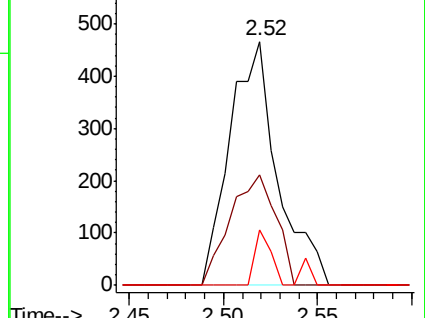
141 7.7 10.1 15.1#



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: 8.701 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005213.D

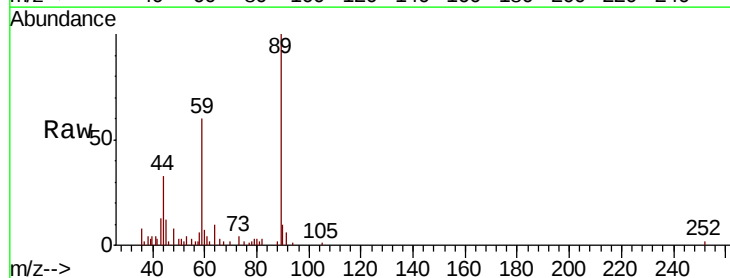
Acq: 10 Oct 2018 18:13

Tgt Ion: 59 Resp: 5834

Ion Ratio Lower Upper

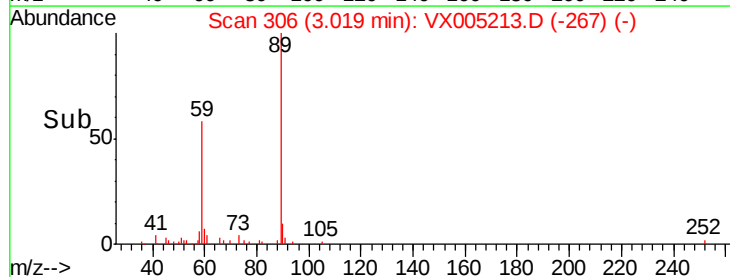
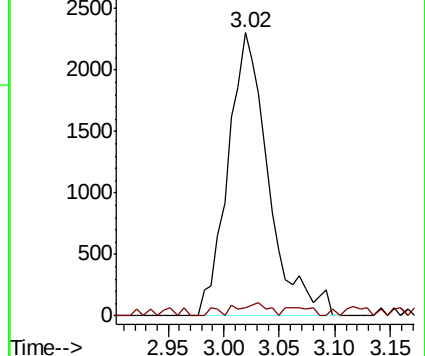
59 100

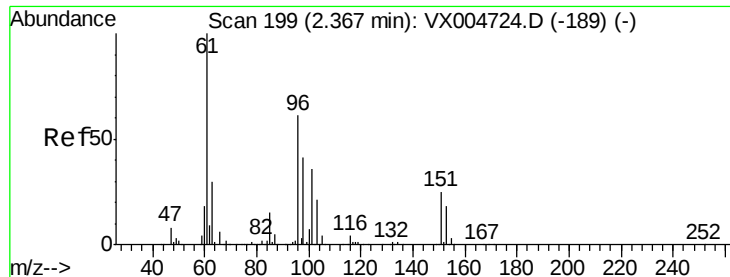
57 3.4 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 3.870 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

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ClientSampleId :

TT-DUP04-20181004

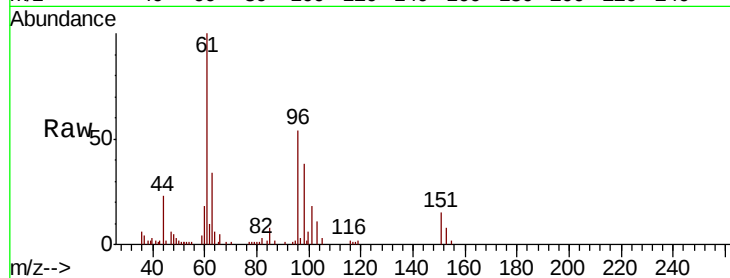
Tot Ion: 96 Resp: 7040

Ion Ratio Lower Upper

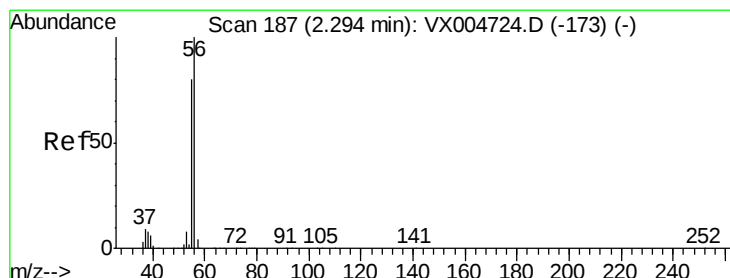
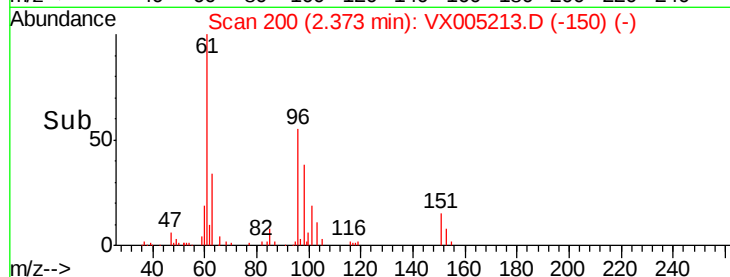
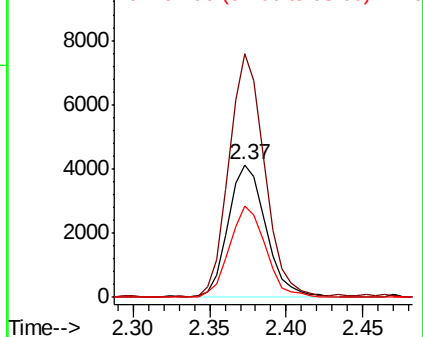
96 100

61 183.9 130.2 195.4

98 69.2 53.4 80.0



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



#13

Acrolein

Concen: 0.807 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005213.D

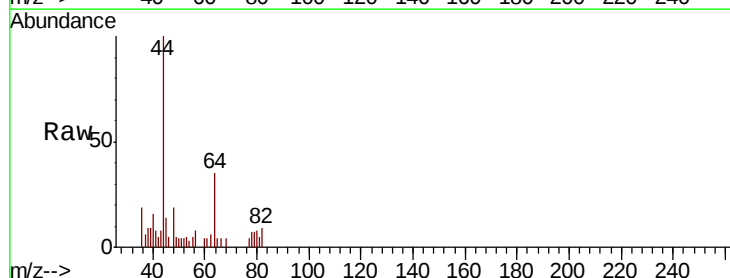
Acq: 10 Oct 2018 18:13

Tgt Ion: 56 Resp: 385

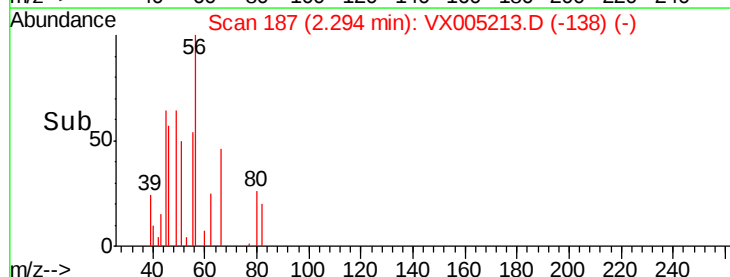
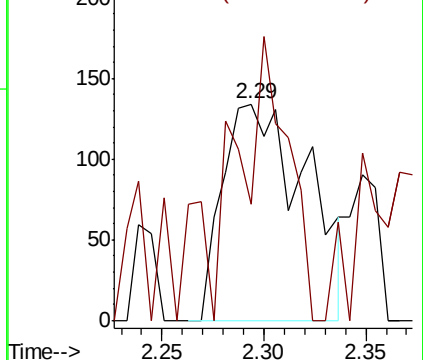
Ion Ratio Lower Upper

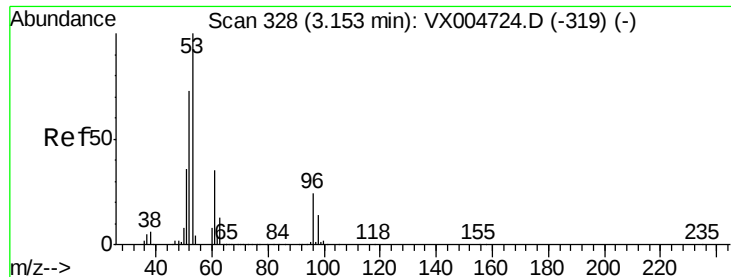
56 100

55 75.3 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

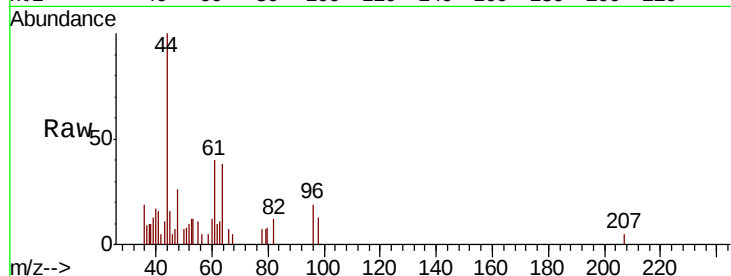




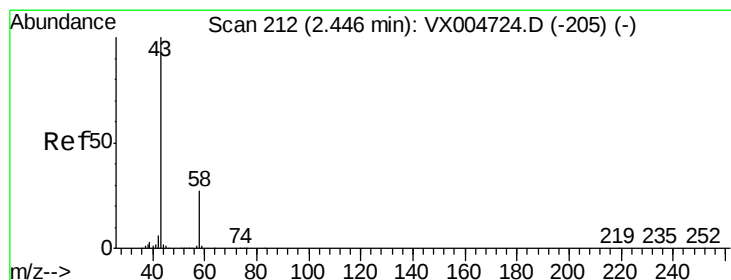
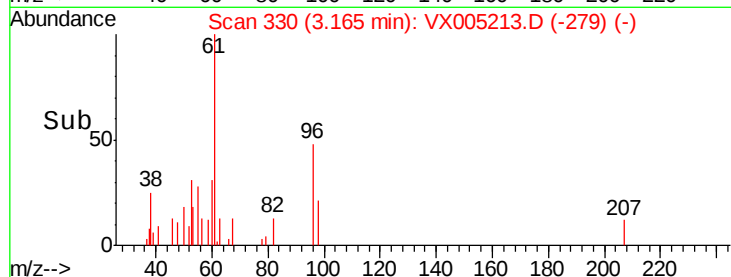
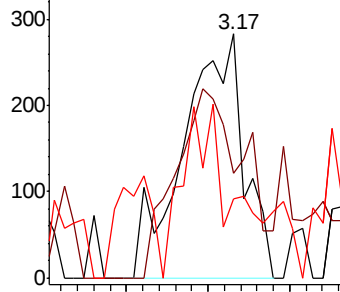
#15
 Acrylonitrile
 Concen: 0.489 ug/l
 RT: 3.17 min Scan# 330
 Delta R.T. 0.01 min
 Lab File: VX005213.D
 Acq: 10 Oct 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP04-20181004

Tot Ion: 53 Resp: 722
 Ion Ratio Lower Upper
 53 100
 52 88.8 63.0 94.4
 51 45.0 28.6 42.8#

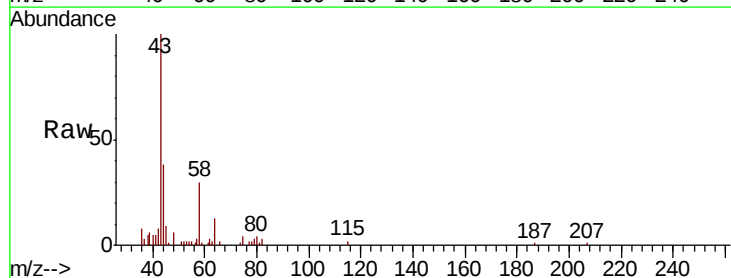


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

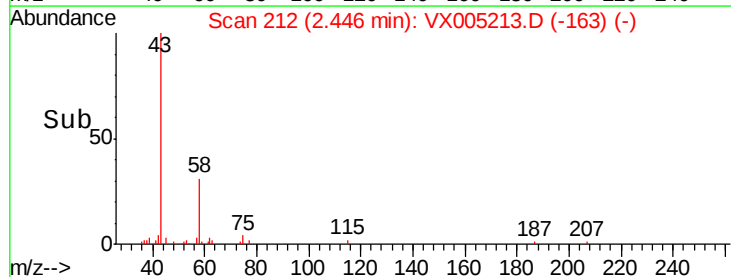
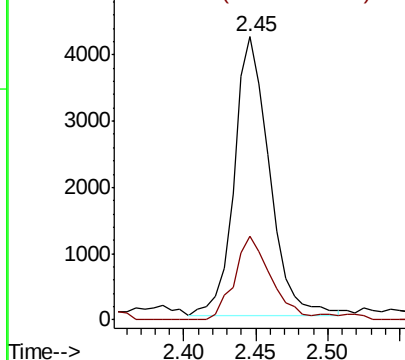


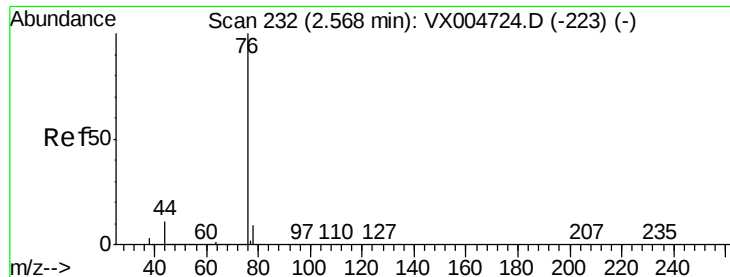
#16
 Acetone
 Concen: 5.090 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005213.D
 Acq: 10 Oct 2018 18:13

Tgt Ion: 43 Resp: 7126
 Ion Ratio Lower Upper
 43 100
 58 30.3 21.8 32.6



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





#17

Carbon Disulfide

Concen: 0.405 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

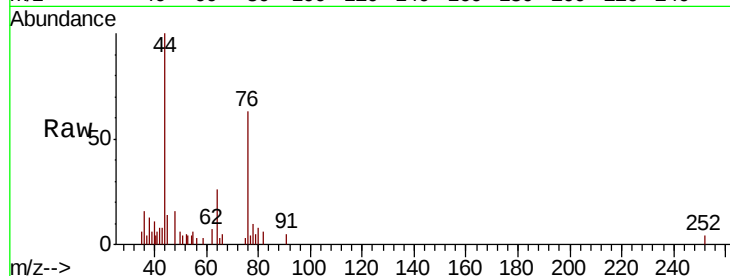
TT-DUP04-20181004

Tot Ion: 76 Resp: 2214

Ion Ratio Lower Upper

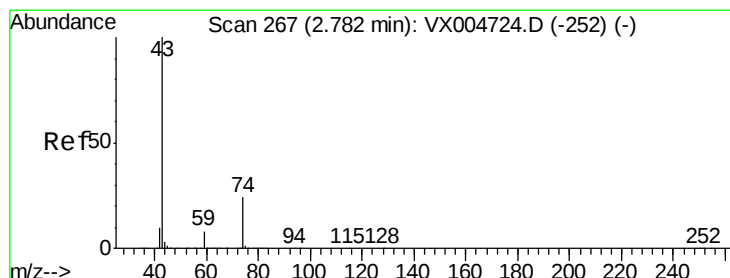
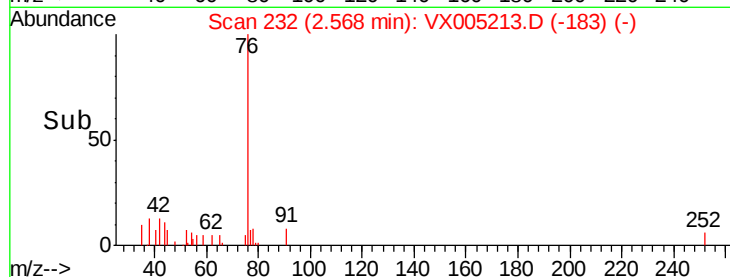
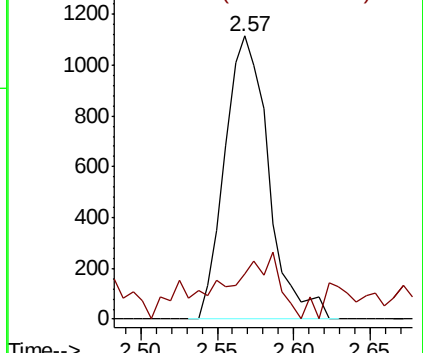
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.323 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005213.D

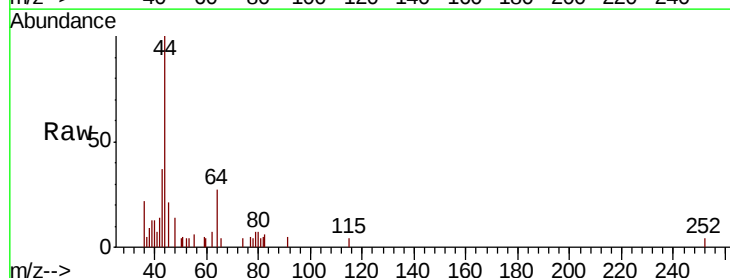
Acq: 10 Oct 2018 18:13

Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

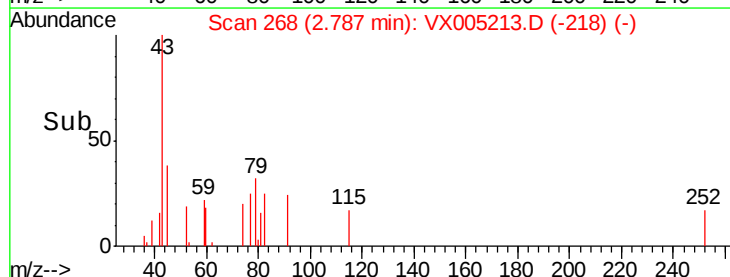
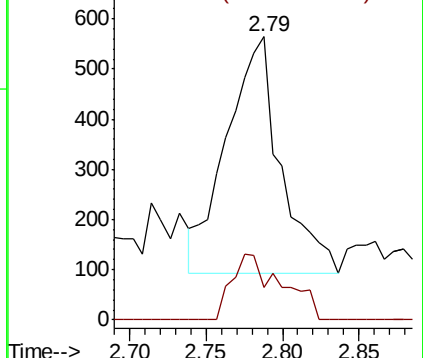
43 100

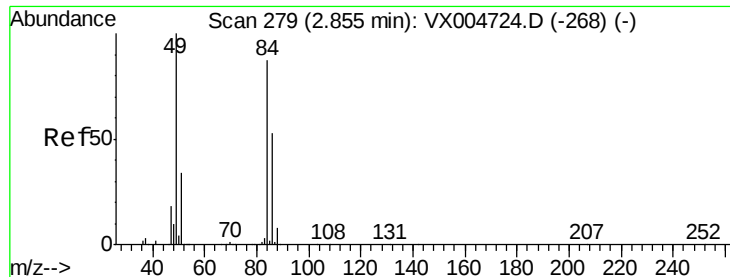
74 26.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



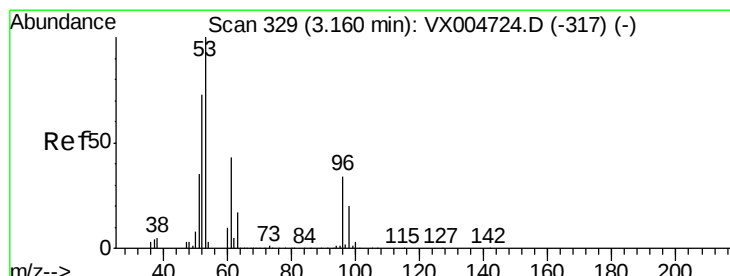
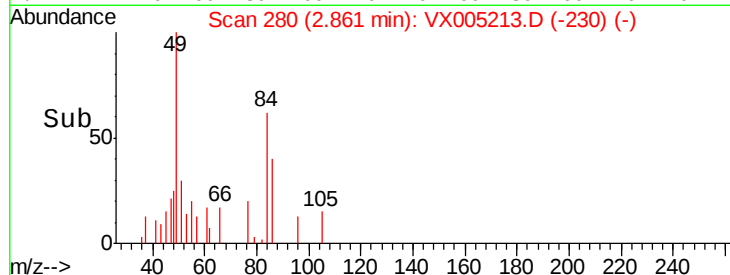
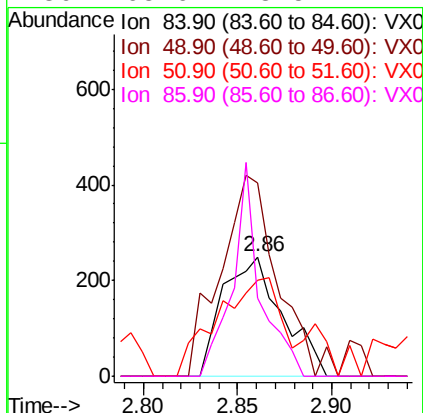
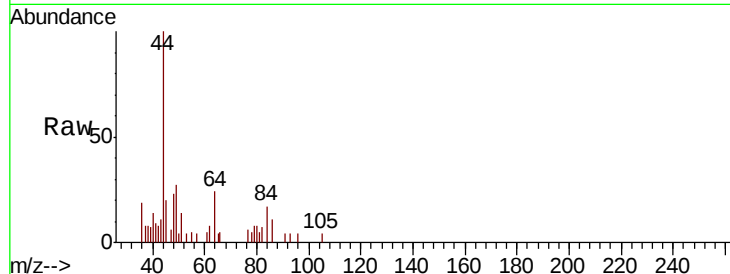


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005213.D
 Acq: 10 Oct 2018 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP04-20181004

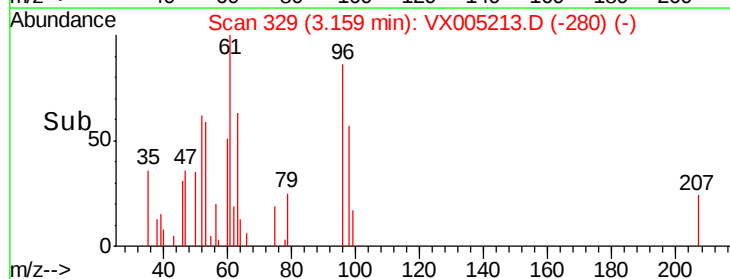
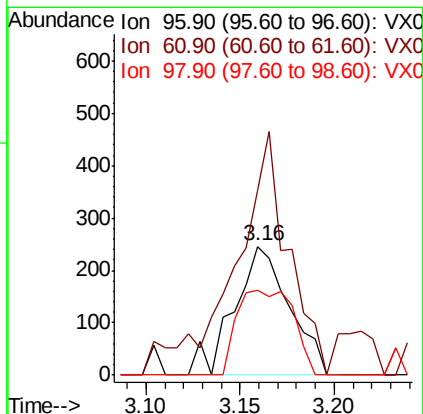
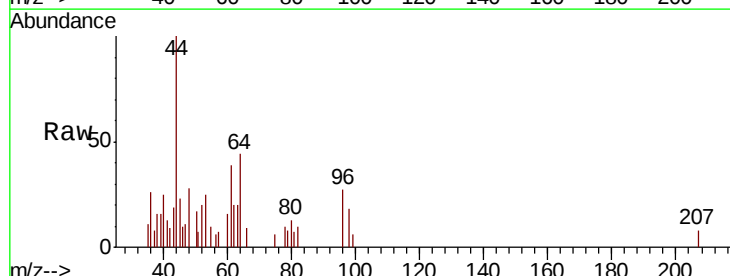
Tot Ion	Ratio	Lower	Upper
84	100		
49	162.0	92.3	138.5#
51	80.8	31.8	47.6#
86	65.6	48.5	72.7

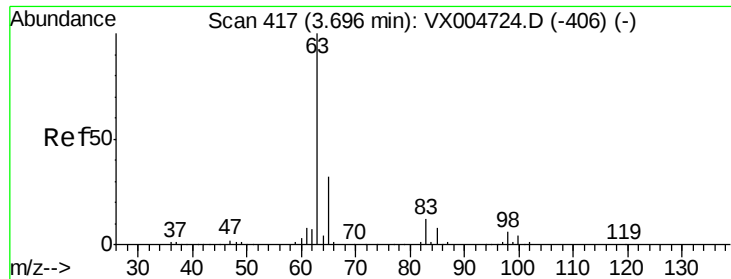


#21

trans-1,2-Dichloroethene
 Concen: 0.252 ug/l
 RT: 3.16 min Scan# 329
 Delta R.T. -0.00 min
 Lab File: VX005213.D
 Acq: 10 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	111.4	101.0	151.6
98	66.3	47.2	70.8





#24

1,1-Dichloroethane

Concen: 4.955 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

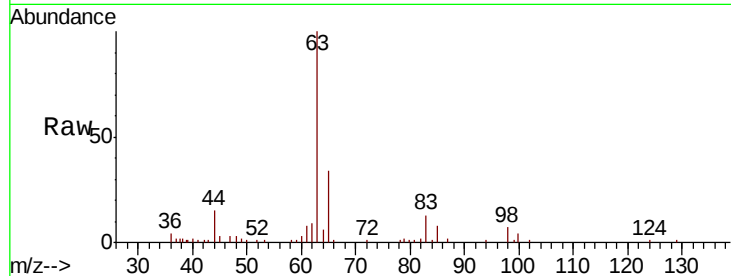
Tot Ion: 63 Resp: 19753

Ion Ratio Lower Upper

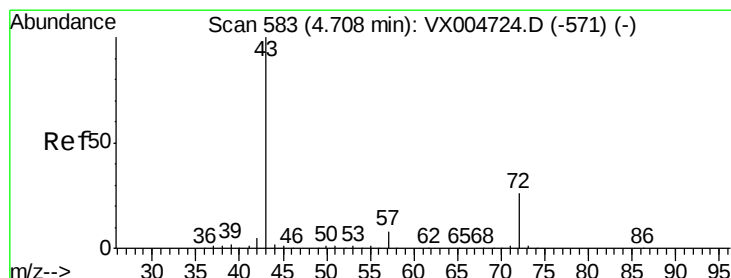
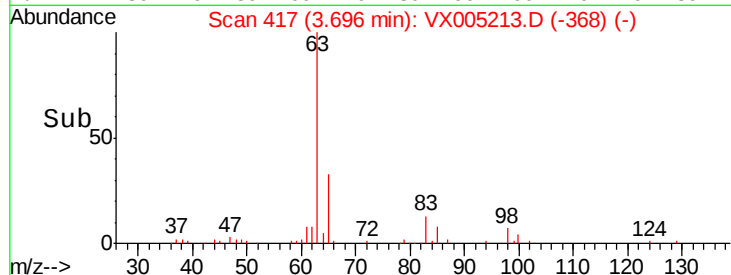
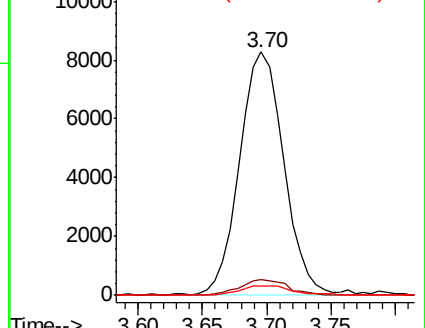
63 100

98 6.7 3.0 9.2

100 3.6 2.0 5.8



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: 0.476 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005213.D

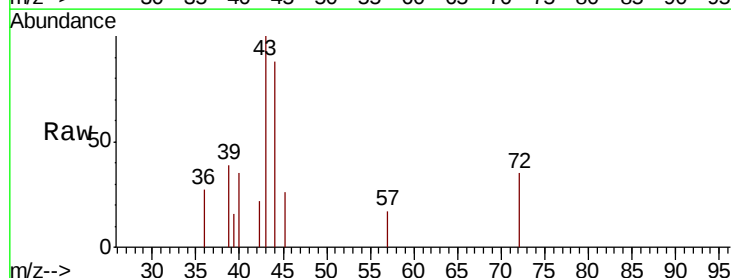
Acq: 10 Oct 2018 18:13

Tgt Ion: 43 Resp: 983

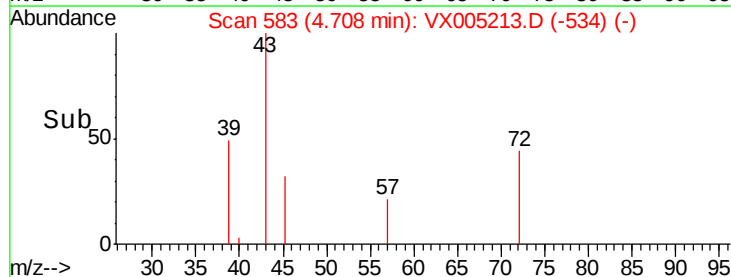
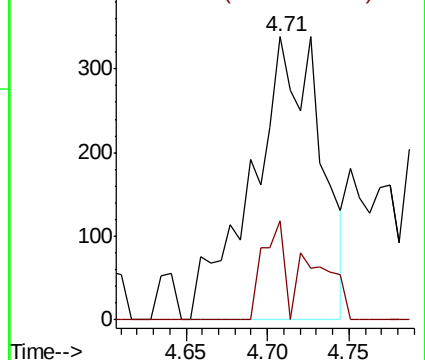
Ion Ratio Lower Upper

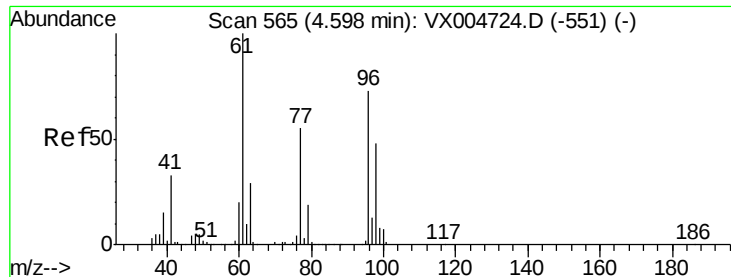
43 100

72 34.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



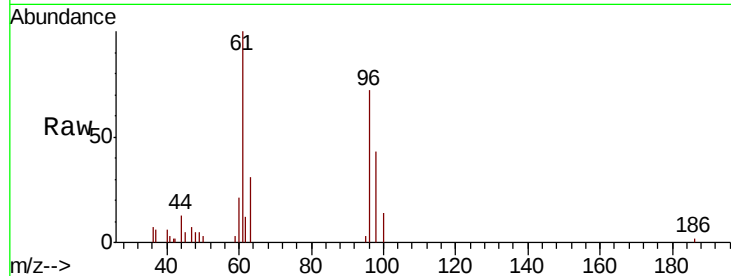


#27

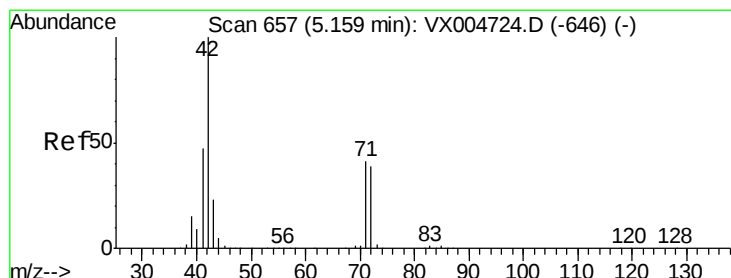
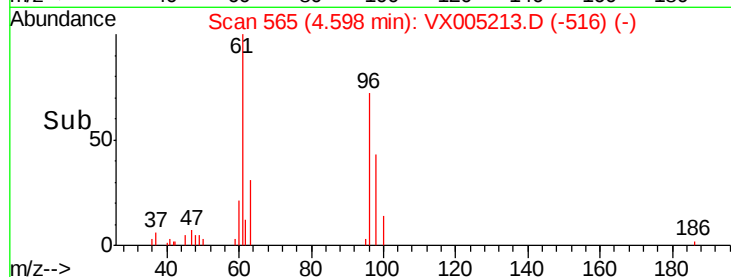
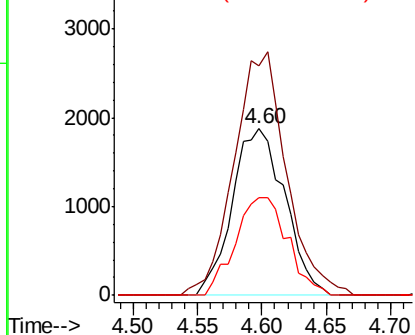
cis-1,2-Dichloroethene
Concen: 2.398 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Instrument :
MSVOA_X
ClientSampleId :
TT-DUP04-20181004

Tot Ion: 96 Resp: 5334
Ion Ratio Lower Upper
96 100
61 144.8 0.0 285.8
98 58.1 0.0 136.2



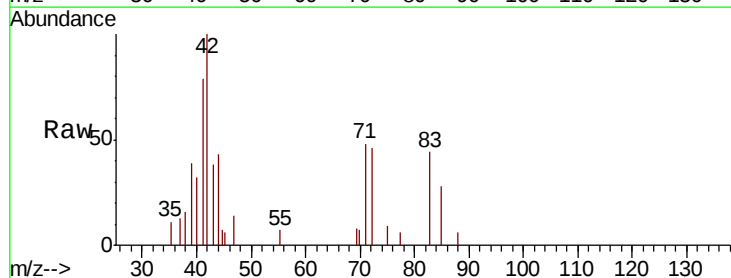
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



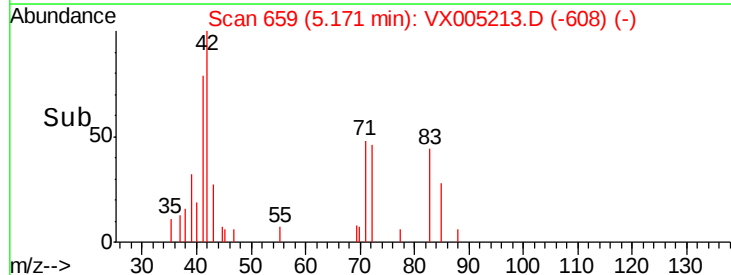
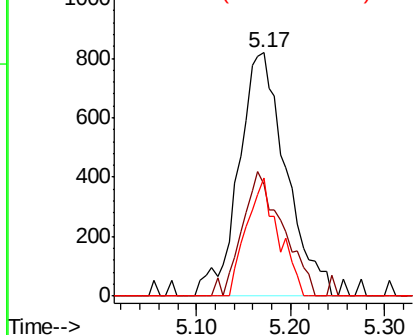
#29

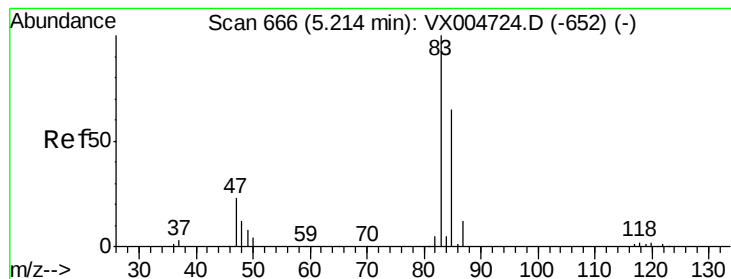
Tetrahydrofuran
Concen: 2.245 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Tgt Ion: 42 Resp: 2879
Ion Ratio Lower Upper
42 100
72 43.7 33.7 50.5
71 33.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 3.050 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

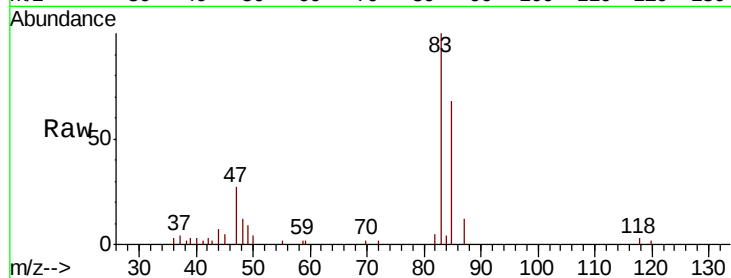
TT-DUP04-20181004

Tot Ion: 83 Resp: 11490

Ion Ratio Lower Upper

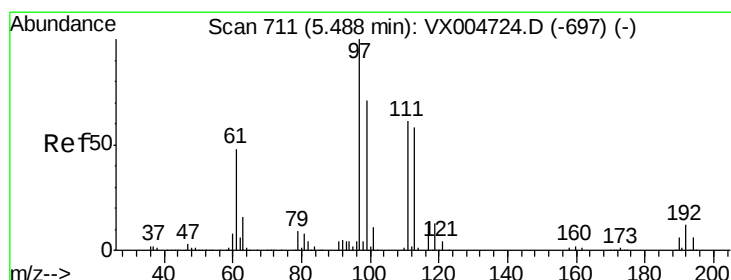
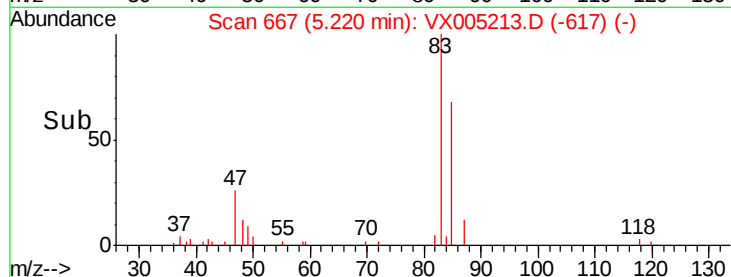
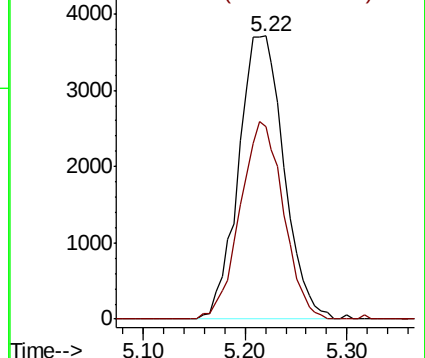
83 100

85 68.0 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#32

1,1,1-Trichloroethane

Concen: 0.715 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

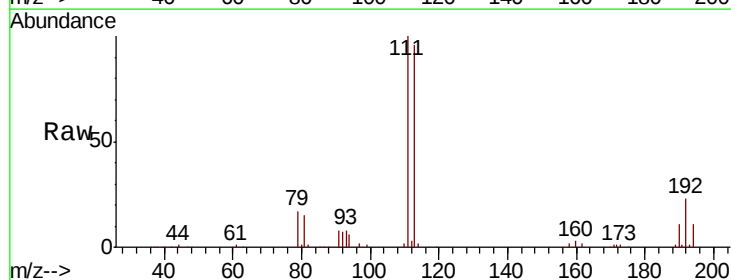
Tgt Ion: 97 Resp: 2201

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

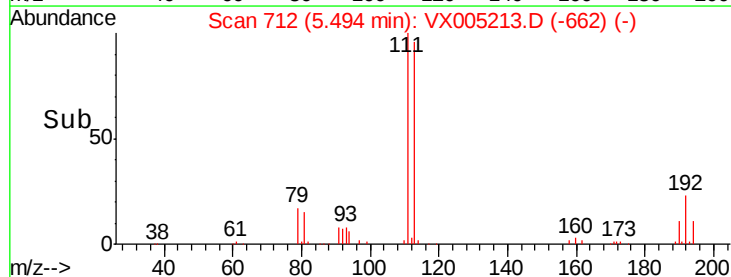
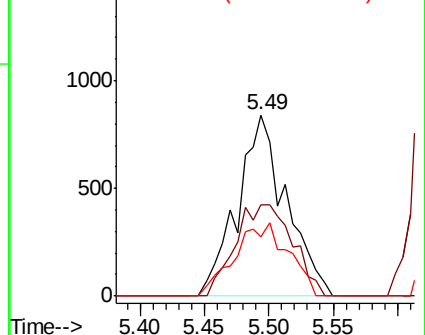
61 44.7 37.5 56.3

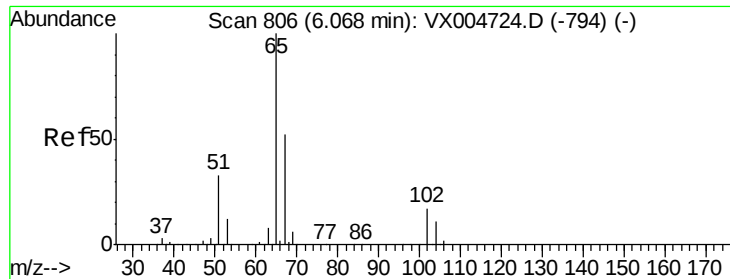


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.446 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

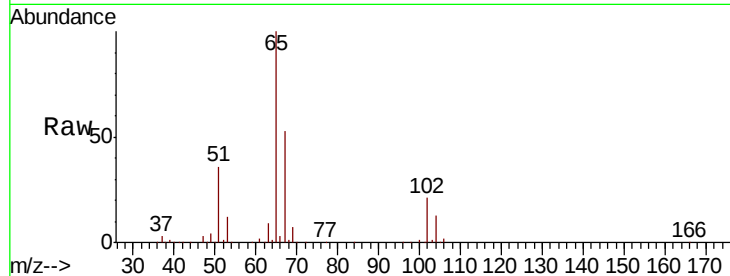
TT-DUP04-20181004

Tot Ion: 65 Resp: 128170

Ion Ratio Lower Upper

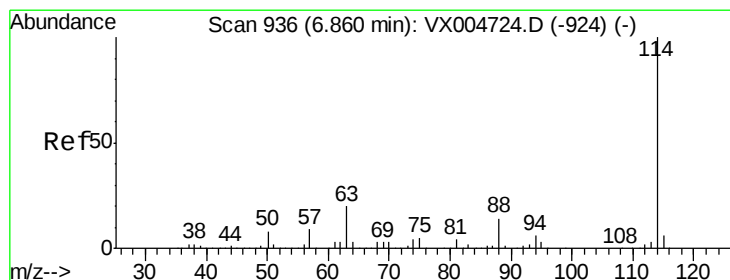
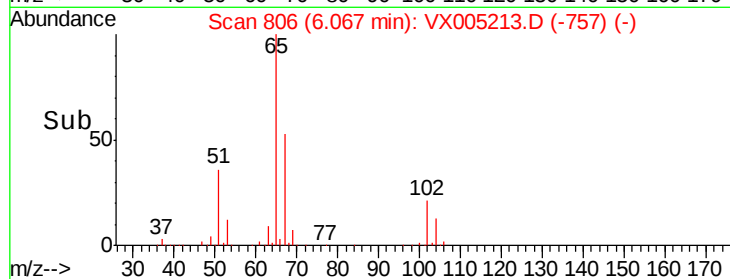
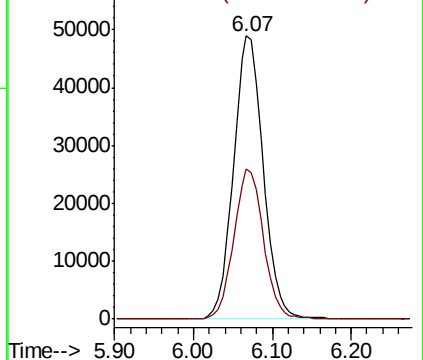
65 100

67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

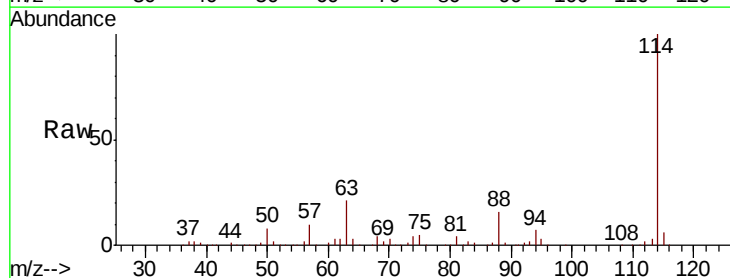
Tgt Ion: 114 Resp: 262213

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

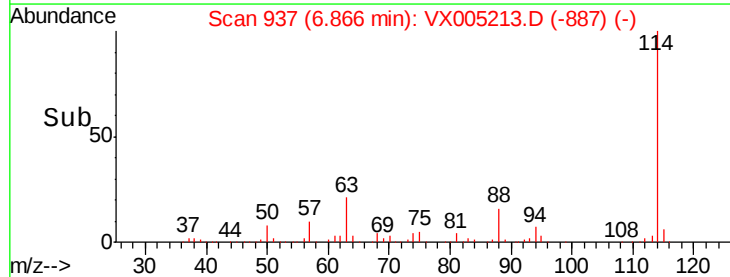
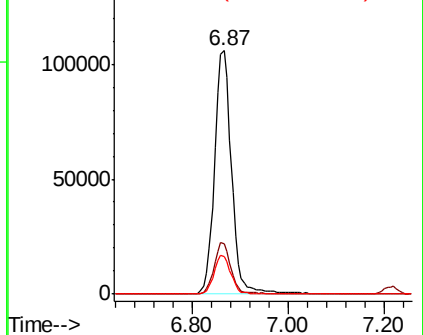
88 15.5 0.0 27.0

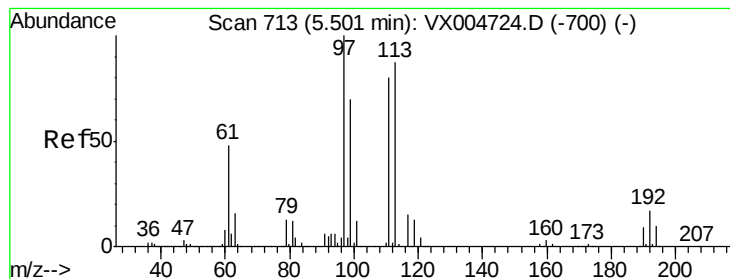


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.393 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

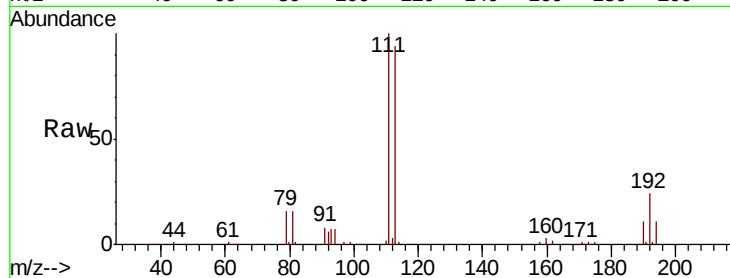
Tot Ion:113 Resp: 109765

Ion Ratio Lower Upper

113 100

111 102.5 77.0 115.4

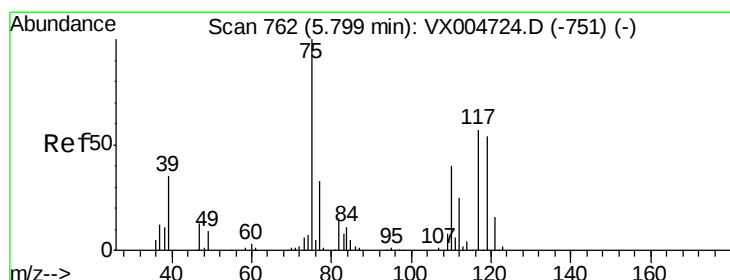
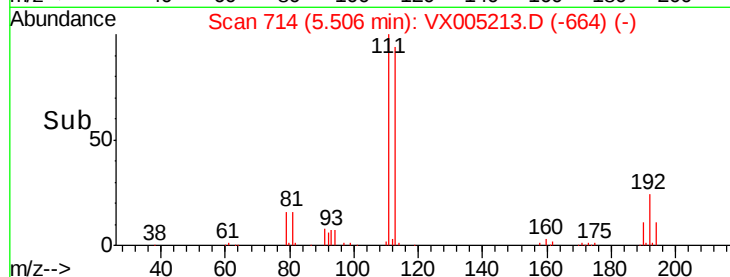
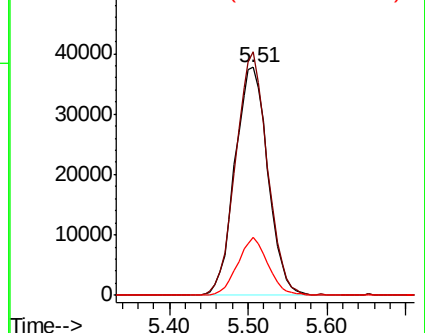
192 23.4 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.818 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

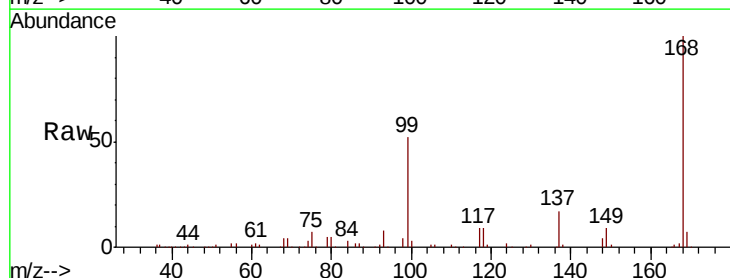
Tgt Ion: 75 Resp: 11577

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

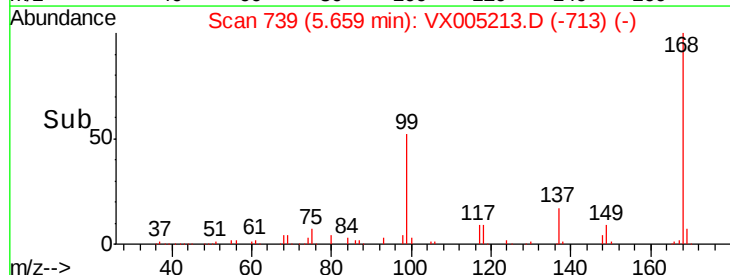
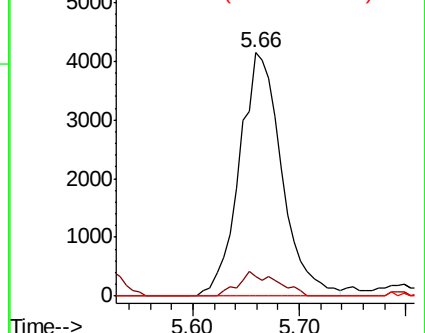
77 0.0 27.1 40.7#

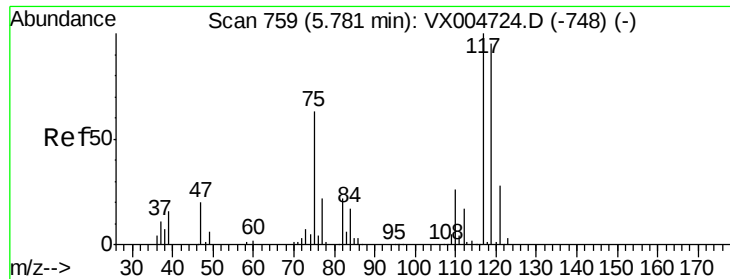


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

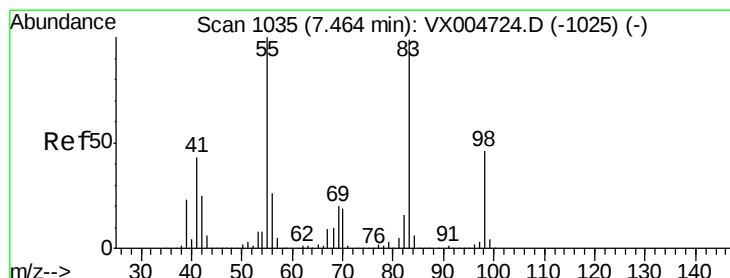
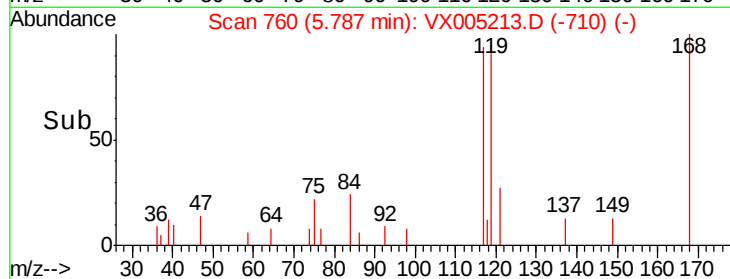
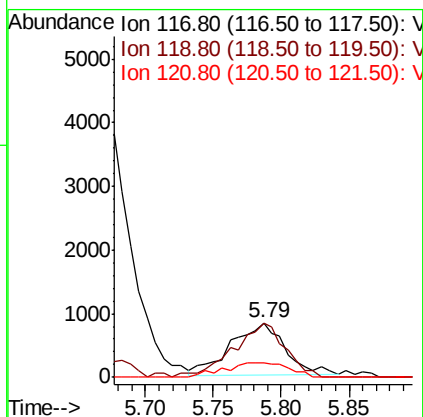
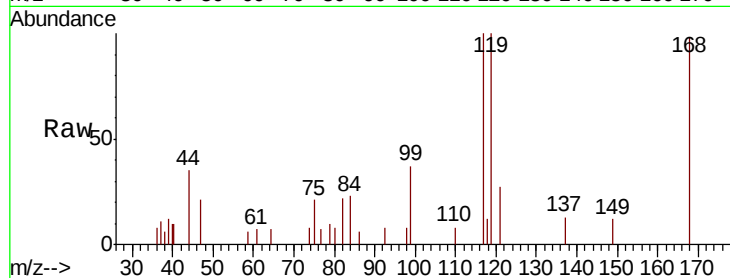




#38
Carbon Tetrachloride
Concen: 0.711 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

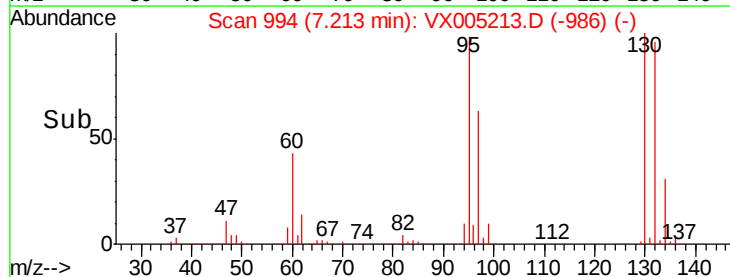
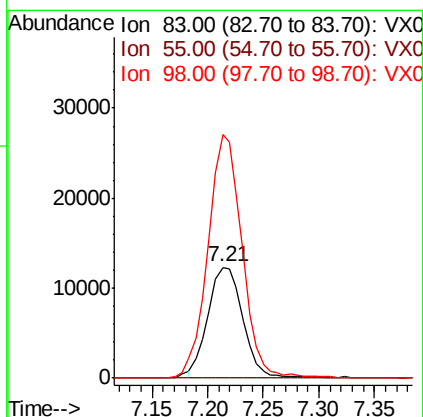
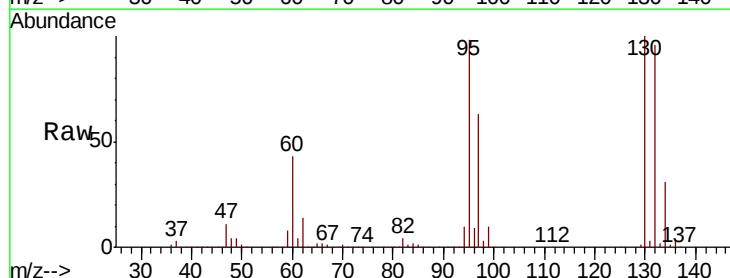
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP04-20181004

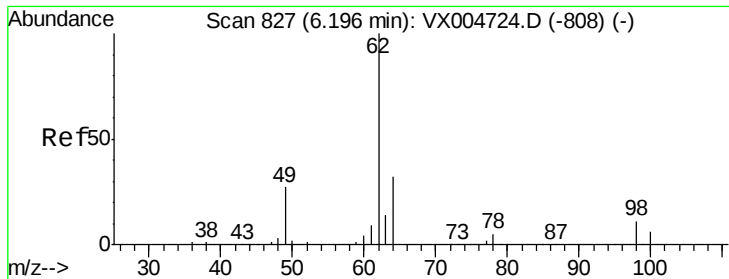
Tot Ion:117 Resp: 2267
Ion Ratio Lower Upper
117 100
119 106.3 75.2 112.8
121 28.4 22.5 33.7



#39
Methylcyclohexane
Concen: 8.421 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Tgt Ion: 83 Resp: 26071
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 220.8 37.3 55.9#





#42

1,2-Dichloroethane

Concen: 0.438 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

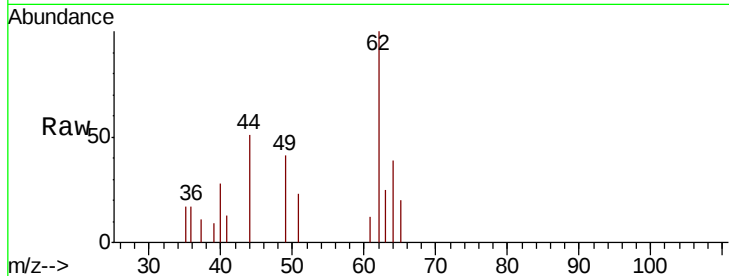
TT-DUP04-20181004

Tot Ion: 62 Resp: 1471

Ion Ratio Lower Upper

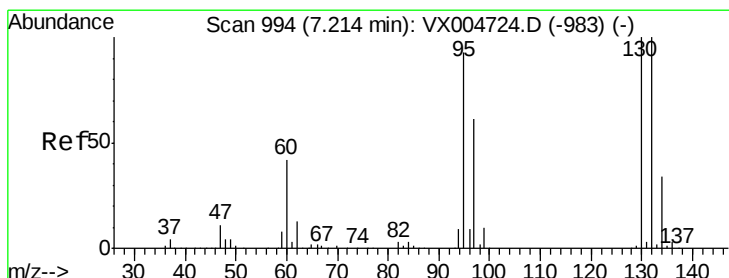
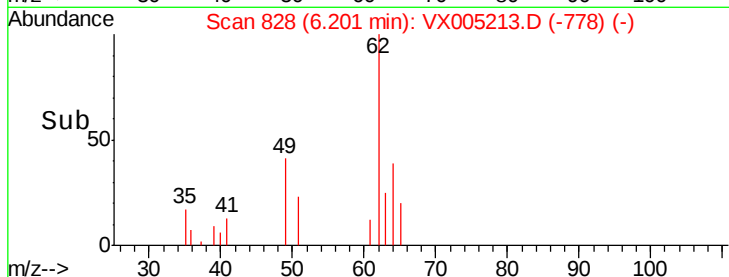
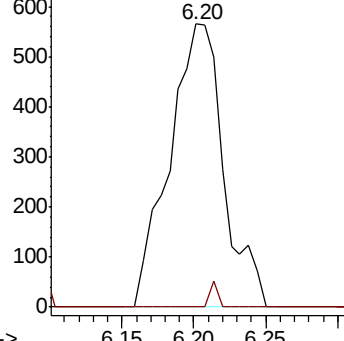
62 100

98 1.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 1010.056 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005213.D

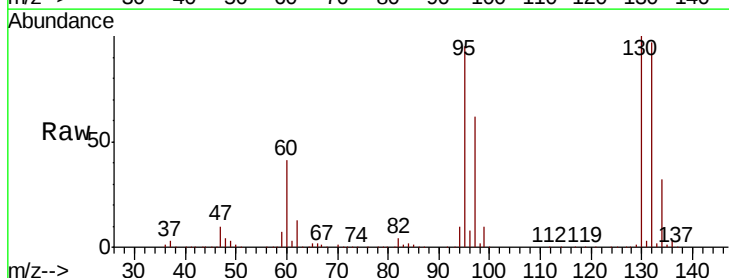
Acq: 10 Oct 2018 18:13

Tgt Ion:130 Resp: 2356977

Ion Ratio Lower Upper

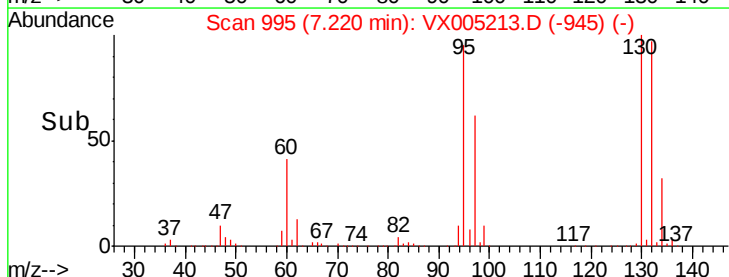
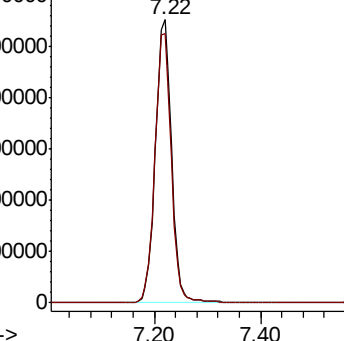
130 100

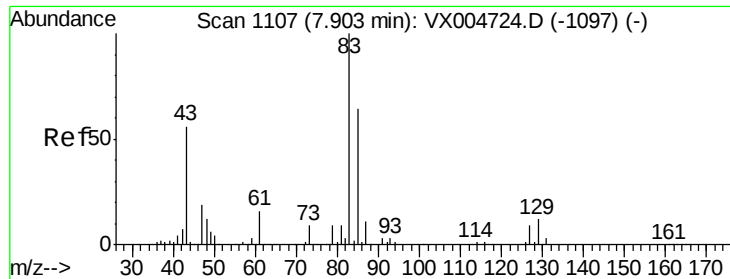
95 95.0 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.221 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

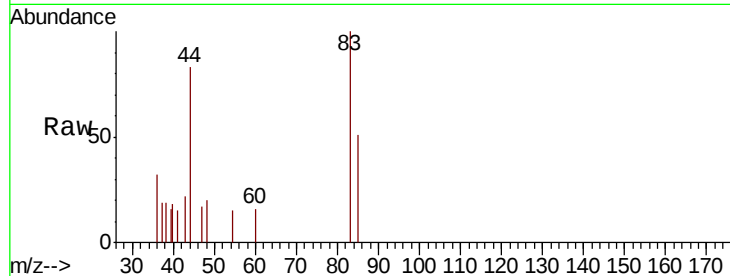
Tot Ion: 83 Resp: 606

Ion Ratio Lower Upper

83 100

85 50.5 51.2 76.8#

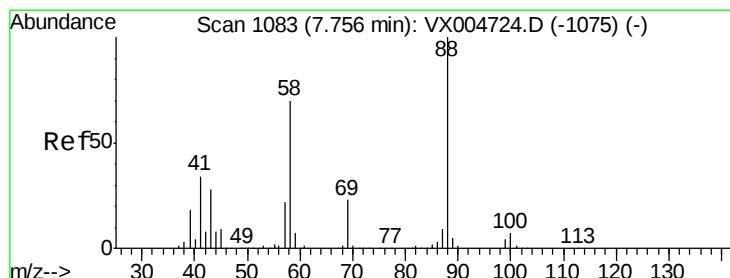
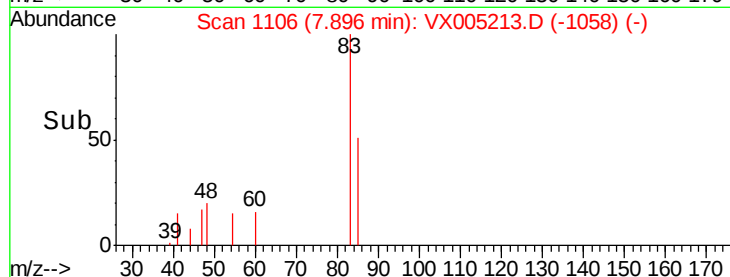
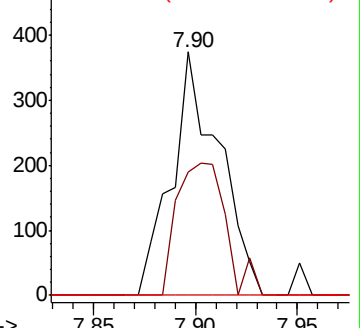
127 0.0 7.0 10.6#



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



#49

1,4-Dioxane

Concen: 14.869 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

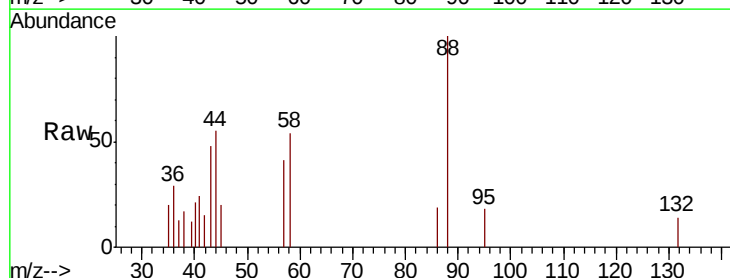
Tgt Ion: 88 Resp: 974

Ion Ratio Lower Upper

88 100

43 45.9 25.1 37.7#

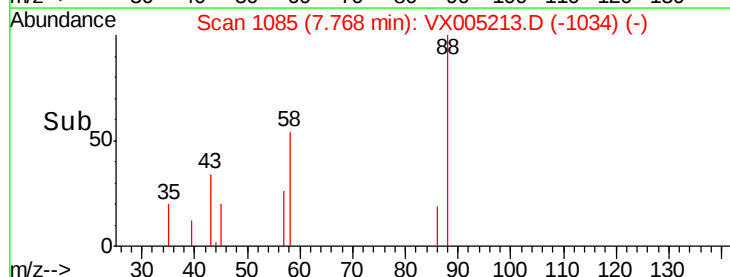
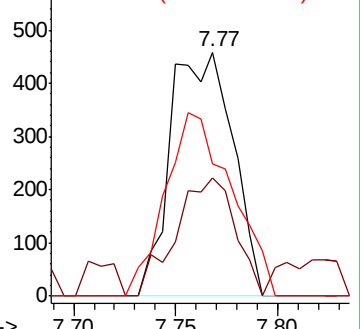
58 80.0 56.2 84.2

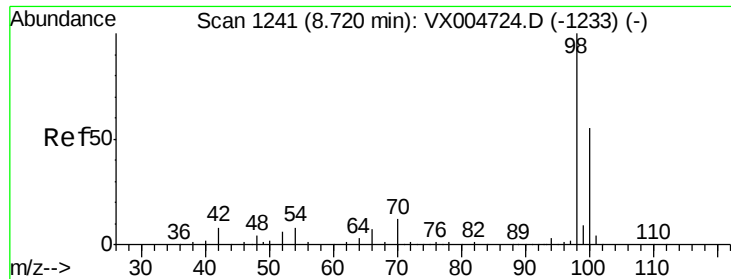


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

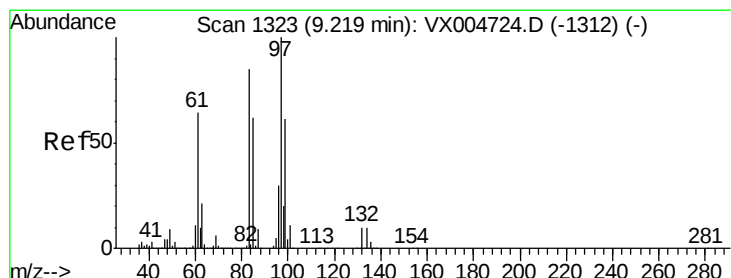
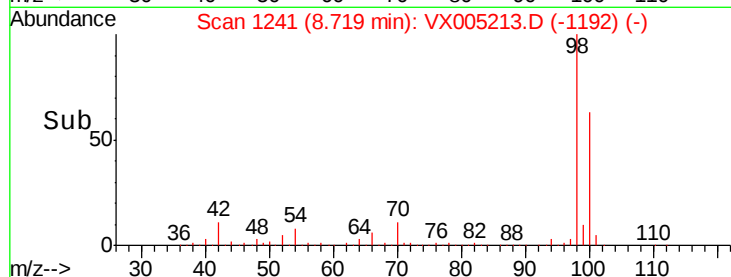
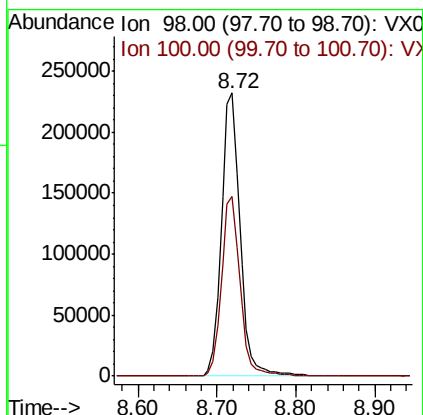
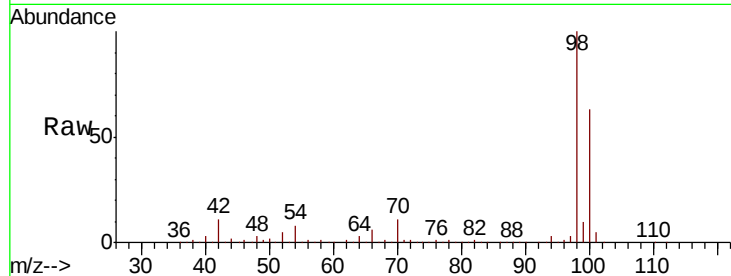




#50
Toluene-d8
Concen: 51.964 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

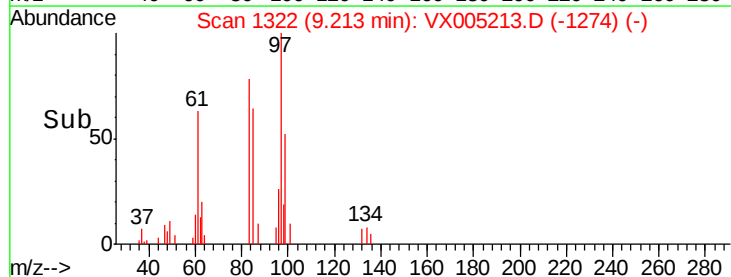
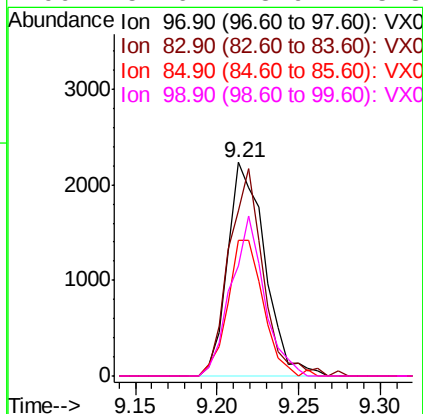
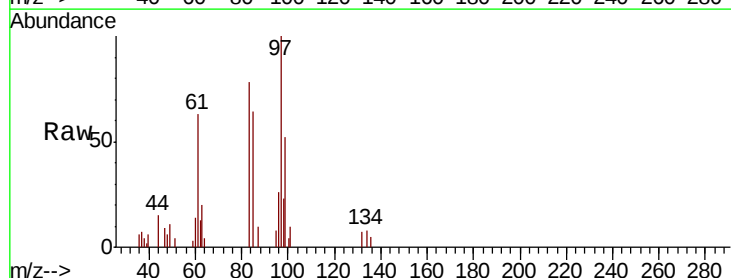
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP04-20181004

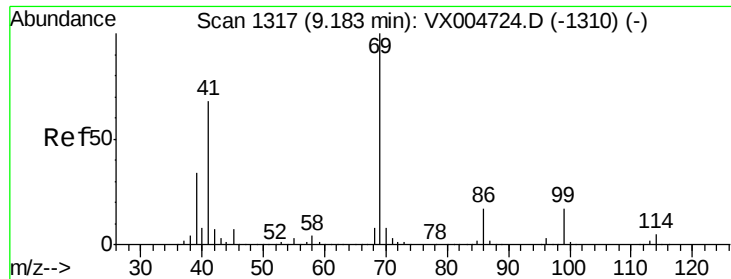
Tot Ion: 98 Resp: 383906
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 1.558 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Tgt Ion: 97 Resp: 3560
Ion Ratio Lower Upper
97 100
83 77.6 68.2 102.2
85 63.6 49.9 74.9
99 51.6 48.9 73.3





#56

Ethyl methacrylate

Concen: 2.867 ug/l

RT: 8.91 min Scan# 1272

Delta R.T. -0.27 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

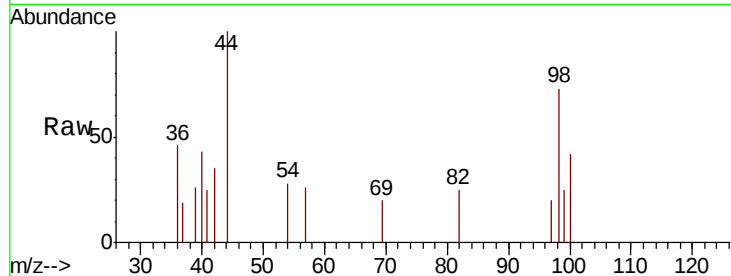
Tot Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

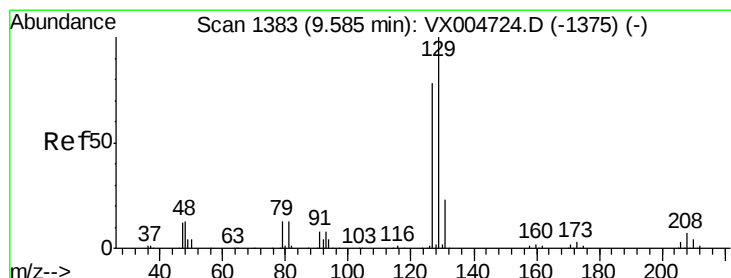
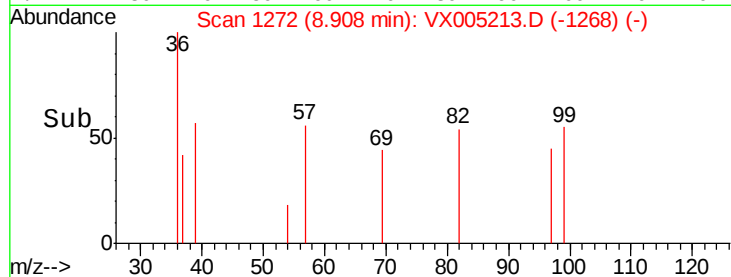
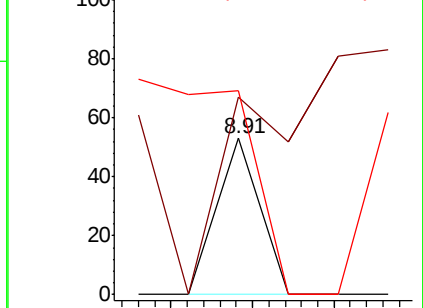
39 0.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 0.206 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005213.D

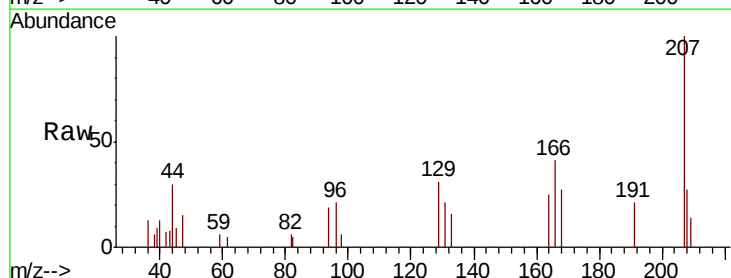
Acq: 10 Oct 2018 18:13

Tgt Ion: 129 Resp: 470

Ion Ratio Lower Upper

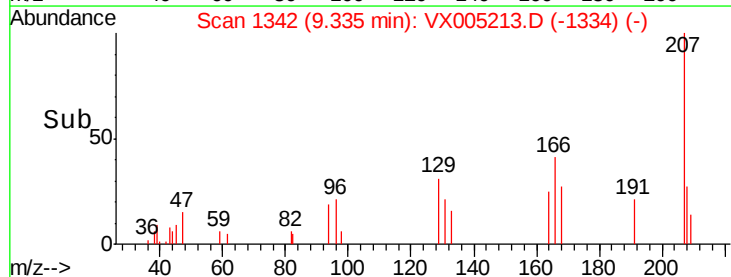
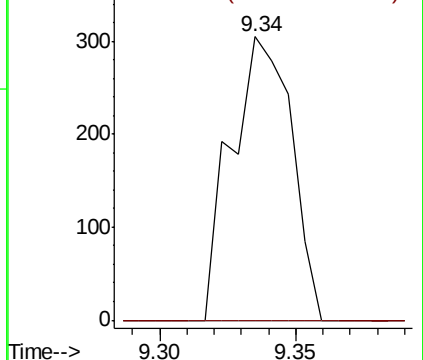
129 100

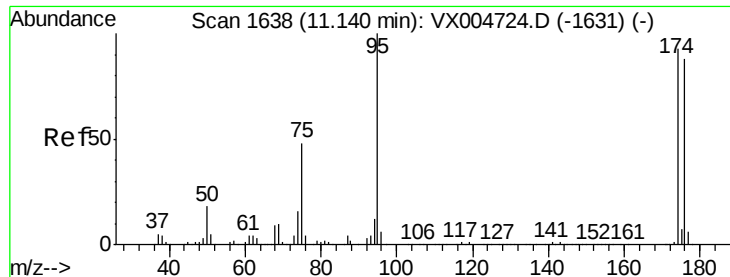
127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

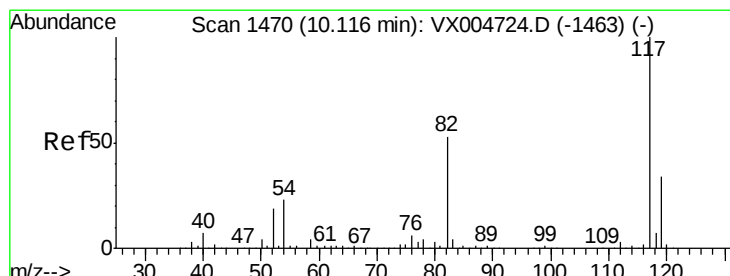
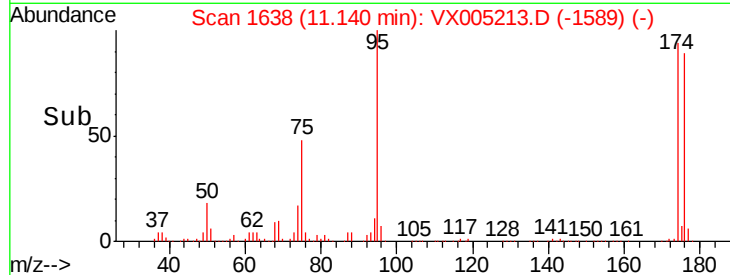
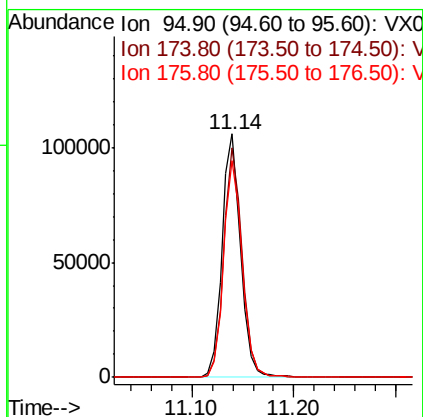
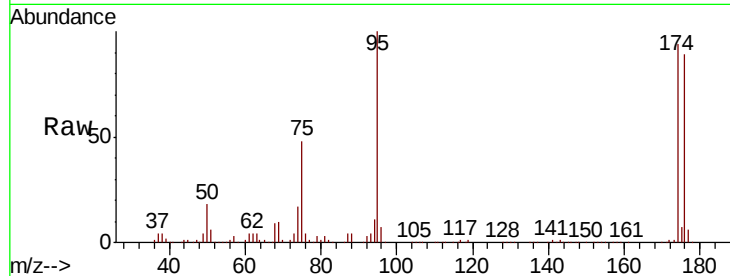




#62
4-Bromofluorobenzene
Concen: 50.315 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

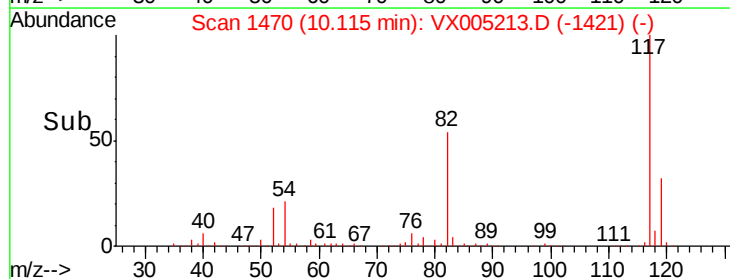
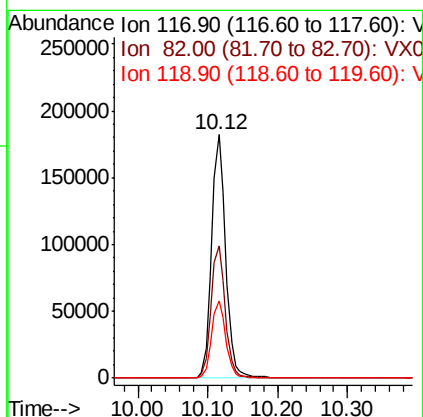
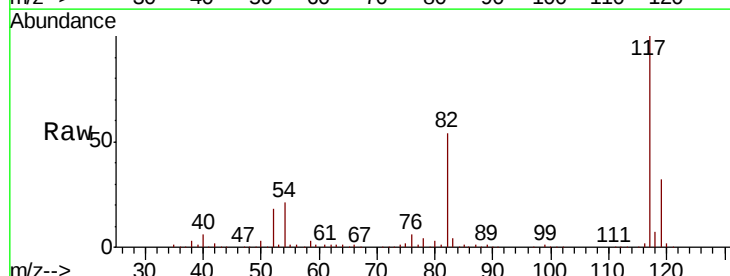
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP04-20181004

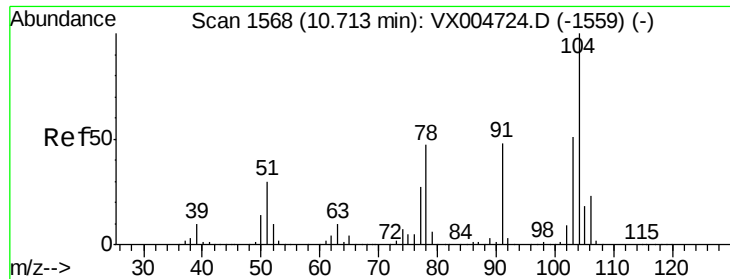
Tot Ion: 95 Resp: 133917
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 89.4 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Tgt Ion: 117 Resp: 255416
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 31.6 27.4 41.0

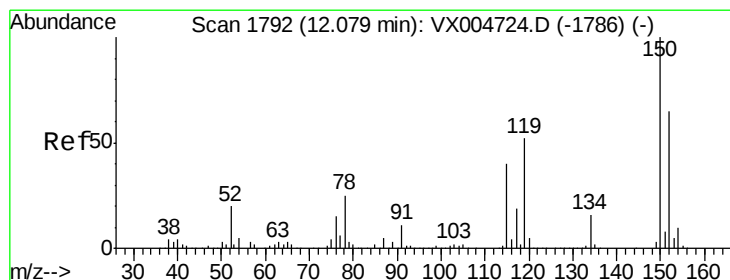
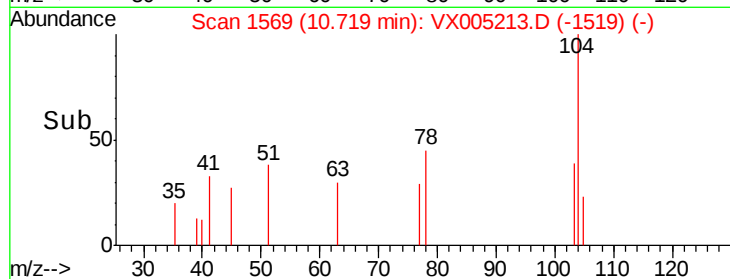
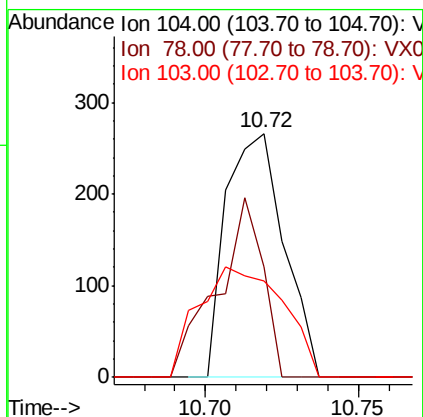
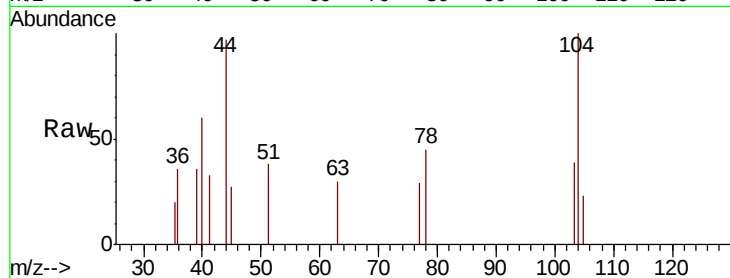




#70
Stvrene
Concen: 2.188 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

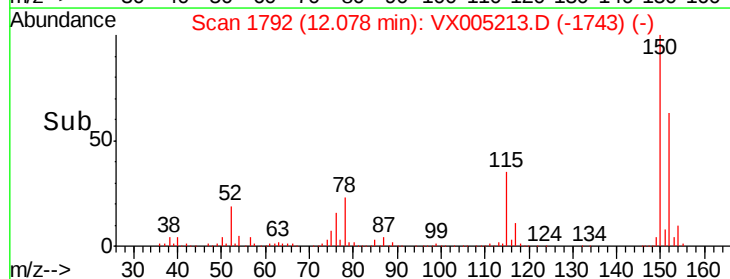
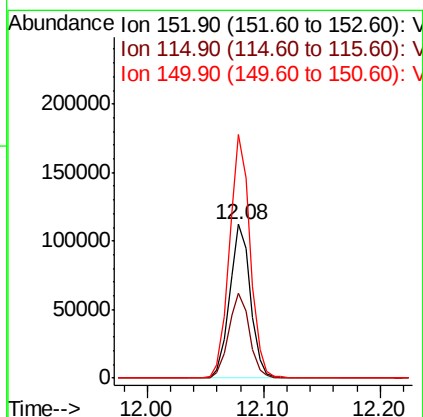
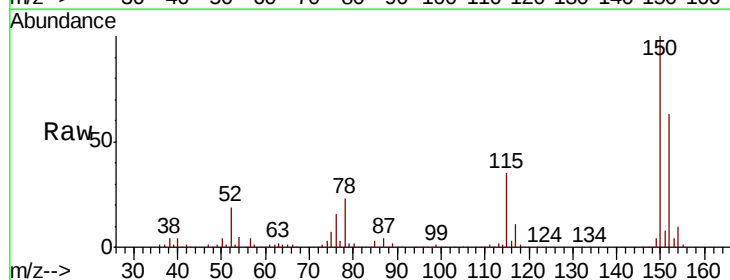
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP04-20181004

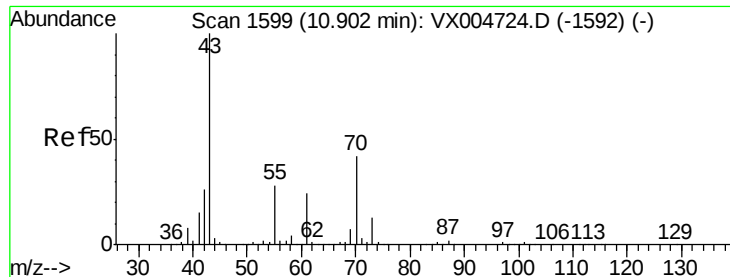
Tot Ion:104 Resp: 350
Ion Ratio Lower Upper
104 100
78 58.0 40.0 60.0
103 66.0 44.3 66.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005213.D
Acq: 10 Oct 2018 18:13

Tgt Ion:152 Resp: 138859
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 157.4 0.0 351.0





#74

N-amvl acetate

Concen: 1.786 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

Tot Ion: 43 Resp: 191

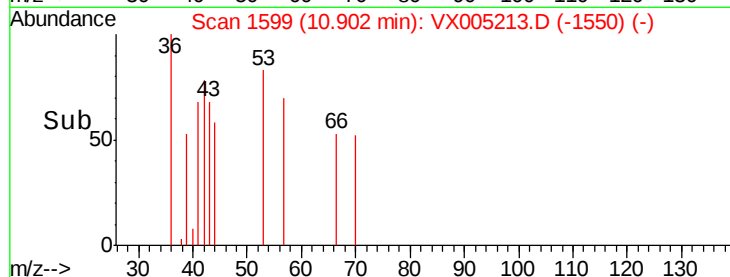
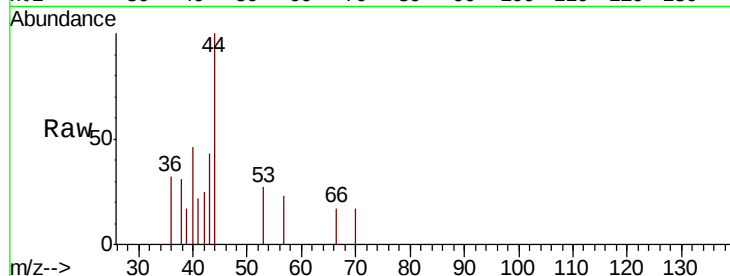
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 10.5 21.6 32.4#

61 0.0 19.1 28.7#

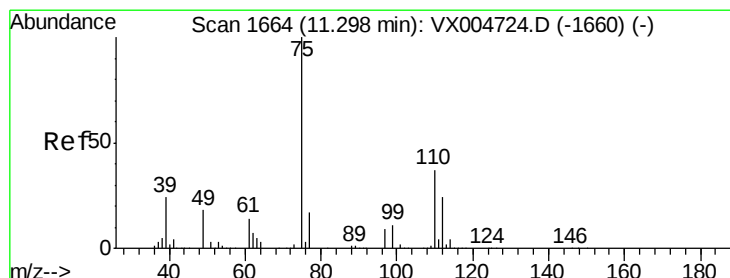
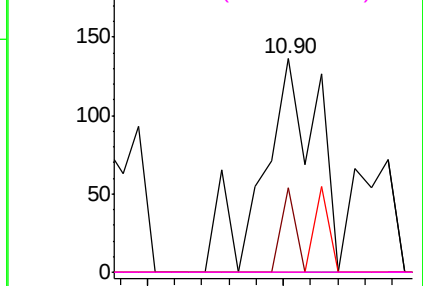


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.085 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005213.D

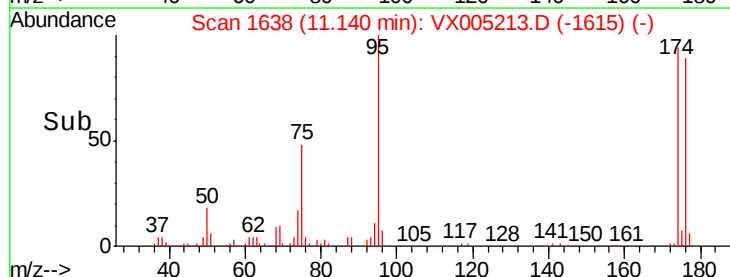
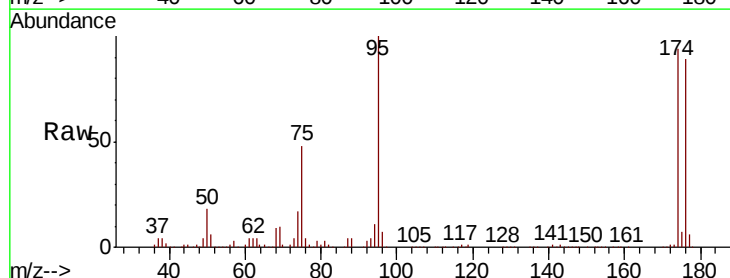
Acq: 10 Oct 2018 18:13

Tgt Ion: 75 Resp: 65623

Ion Ratio Lower Upper

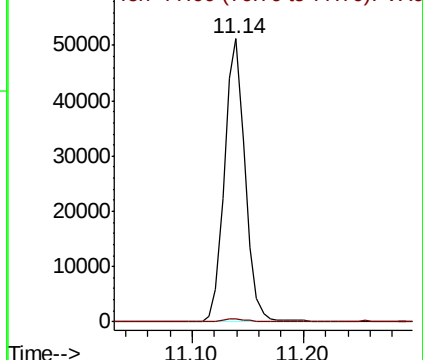
75 100

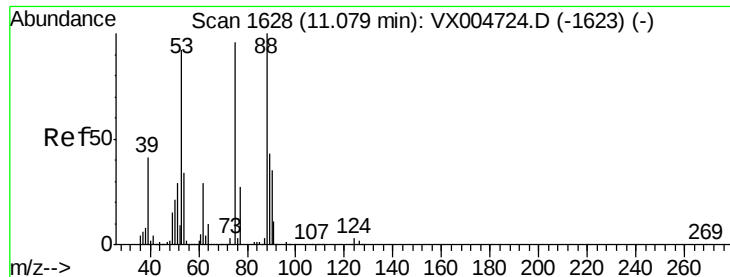
77 1.4 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.208 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

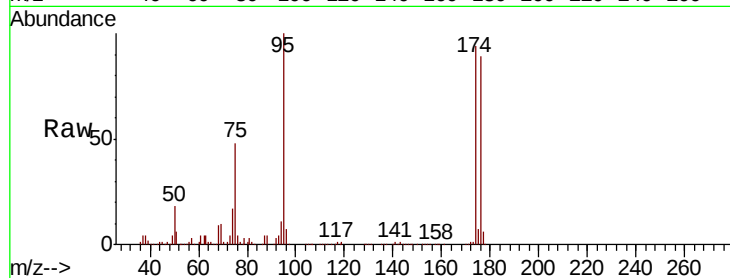
Tot Ion: 75 Resp: 65623

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

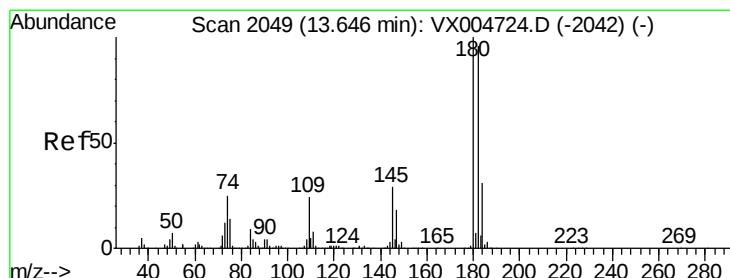
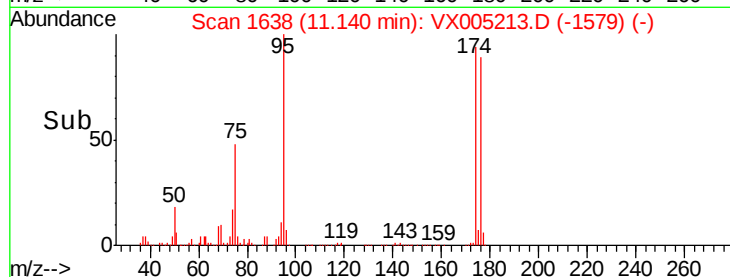
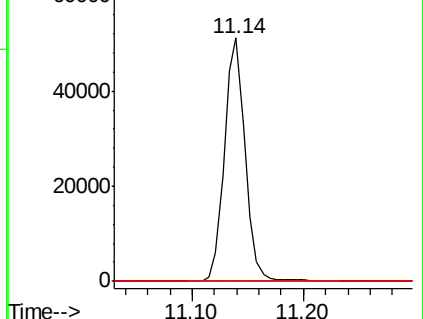
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.206 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

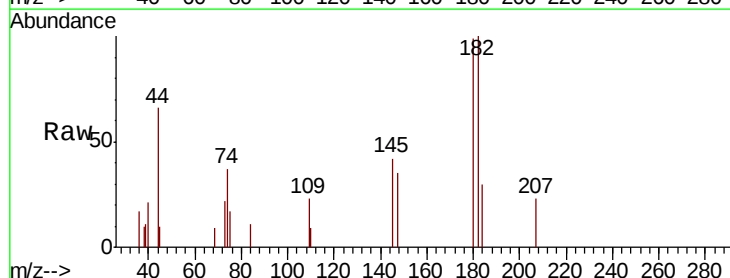
Tgt Ion:180 Resp: 717

Ion Ratio Lower Upper

180 100

182 117.6 47.8 143.4

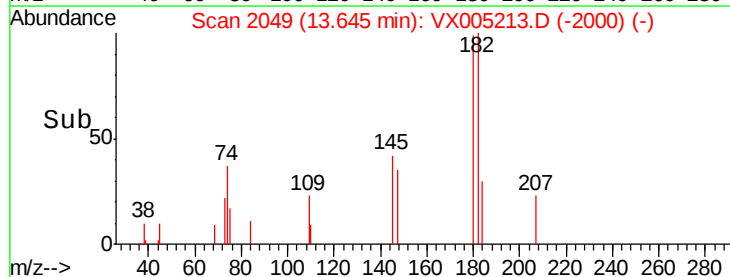
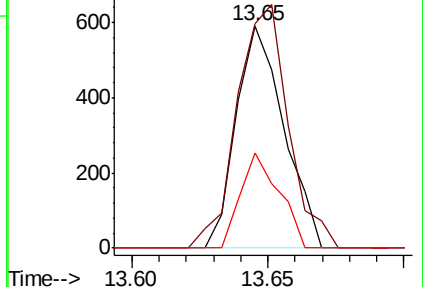
145 34.6 14.1 42.4

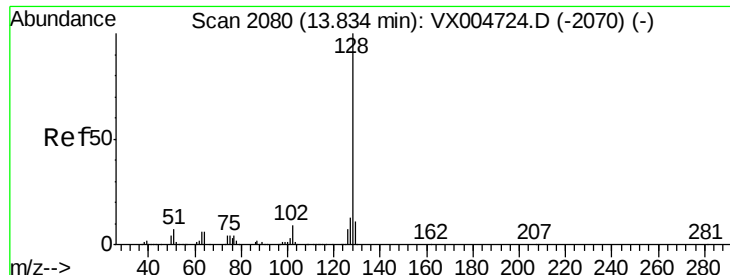


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.863 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005213.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP04-20181004

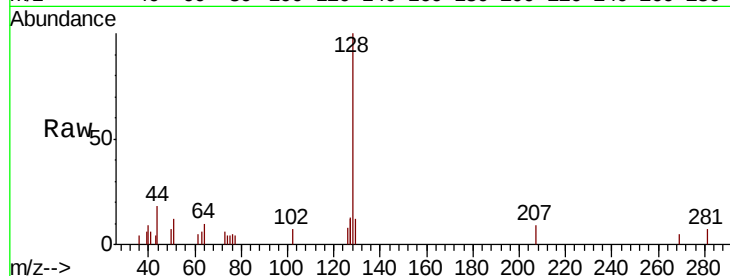
Tot Ion:128 Resp: 1684

Ion Ratio Lower Upper

128 100

127 17.3 10.4 15.6#

129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

