

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001655.D
 Acq On : 11 May 2018 22:22
 Operator : JC/MD
 Sample : J2741-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

Quant Time: May 12 03:38:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151938	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.51	113	129155	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.72	98	449490	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	168611	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	145593	48.16	ug/l	100
3) Chloromethane	1.32	50	142166	48.29	ug/l	98
4) Vinyl Chloride	1.40	62	410288	133.54	ug/l	100
5) Bromomethane	1.64	94	65184	46.08	ug/l	97
6) Chloroethane	1.72	64	104491	51.45	ug/l	96
7) Trichlorofluoromethane	1.93	101	237973	51.46	ug/l	99
8) Diethyl Ether	2.19	74	95988	52.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138280	51.01	ug/l	100
10) Methyl Iodide	2.51	142	156230	39.94	ug/l	99
11) Tert butyl alcohol	3.09	59	163305	239.98	ug/l	98
12) 1,1-Dichloroethene	2.37	96	135144	54.39	ug/l	99
13) Acrolein	2.30	56	23694	173.04	ug/l	97
14) Allyl chloride	2.73	41	244130	52.69	ug/l	98
15) Acrylonitrile	3.15	53	414277	269.41	ug/l	99
16) Acetone	2.45	43	349495	238.47	ug/l	99
17) Carbon Disulfide	2.57	76	302426	47.83	ug/l	99
18) Methyl Acetate	2.78	43	219746	57.07	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	466868	53.97	ug/l	98
20) Methylene Chloride	2.86	84	147967	50.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	143341	51.69	ug/l	98
22) Diisopropyl ether	3.88	45	468687	54.15	ug/l	100
23) Vinyl Acetate	3.83	43	1863262	258.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	275055	56.88	ug/l	99
25) 2-Butanone	4.72	43	549423	259.35	ug/l	99
26) 2,2-Dichloropropane	4.59	77	174760	46.80	ug/l	# 1
27) cis-1,2-Dichloroethene	4.60	96	2758213	933.95	ug/l	86
28) Bromochloromethane	5.03	49	115280	54.99	ug/l	99
29) Tetrahydrofuran	5.18	42	357933	264.07	ug/l	100
30) Chloroform	5.22	83	278010	55.82	ug/l	99
31) Cyclohexane	5.58	56	212822	51.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	247536	56.86	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191425	51.26	ug/l	100
37) Ethyl Acetate	4.87	43	204003	49.83	ug/l	# 81
38) Carbon Tetrachloride	5.79	117	220816	55.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217512	49.26	ug/l	98
40) Benzene	6.15	78	589915	54.08	ug/l	99
41) Methacrylonitrile	5.07	41	125925	53.76	ug/l	99
42) 1,2-Dichloroethane	6.21	62	228384	54.47	ug/l	100
43) Isopropyl Acetate	6.48	43	335310	53.36	ug/l	99
44) Trichloroethene	7.22	130	181810	54.53	ug/l	100
45) 1,2-Dichloropropane	7.52	63	151188	55.60	ug/l	99
46) Dibromomethane	7.67	93	105273	54.68	ug/l	99
47) Bromodichloromethane	7.90	83	207327	58.19	ug/l	99
48) Methyl methacrylate	7.79	41	186308	54.45	ug/l	99
49) 1,4-Dioxane	7.76	88	71501	967.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1165569	279.11	ug/l	100
52) Toluene	8.79	92	390223	54.71	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223178	55.43	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	211767	50.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	158018	54.99	ug/l	97
56) Ethyl methacrylate	9.19	69	227373	54.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	258927	54.50	ug/l	100
59) 2-Hexanone	9.51	43	851678	266.33	ug/l	100
60) Dibromochloromethane	9.59	129	170445	57.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164802	54.62	ug/l	100
64) Tetrachloroethene	9.34	164	202437	52.75	ug/l	98
65) Chlorobenzene	10.15	112	436288	54.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	167728	58.07	ug/l	100
67) Ethyl Benzene	10.26	91	718827	54.31	ug/l	100
68) m/p-Xylenes	10.37	106	574552	109.86	ug/l	98
69) o-Xylene	10.70	106	280453	55.18	ug/l	100
70) Styrene	10.72	104	464173	56.21	ug/l	99
71) Bromoform	10.87	173	138487	49.86	ug/l	100
73) Isopropylbenzene	11.02	105	751548	55.39	ug/l	100
74) N-amyl acetate	6.48	43	335310	54.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229984	57.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	263969	66.40	ug/l	87
77) Bromobenzene	11.26	156	213442	54.11	ug/l	99
78) n-propylbenzene	11.37	91	826827	55.96	ug/l	99
79) 2-Chlorotoluene	11.43	91	496009	54.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	623356	55.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58878	47.46	ug/l	99
82) 4-Chlorotoluene	11.52	91	571965	54.53	ug/l	99
83) tert-Butylbenzene	11.77	119	642341	57.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	646734	55.70	ug/l	100
85) sec-Butylbenzene	11.95	105	754630	55.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	694161	56.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379249	53.78	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	386927	53.80	ug/l	99
89) n-Butylbenzene	12.40	91	552585	53.88	ug/l	100
90) Hexachloroethane	12.60	117	111842	60.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	390575	54.44	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51690	58.71	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	287074	54.68	ug/l	99

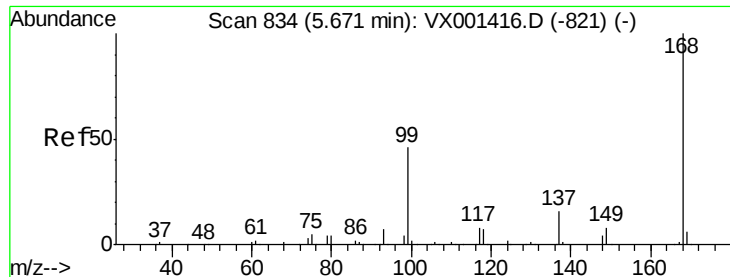
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	150855	52.52	ug/l	100
95) Naphthalene	13.84	128	839842	57.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301769	56.02	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

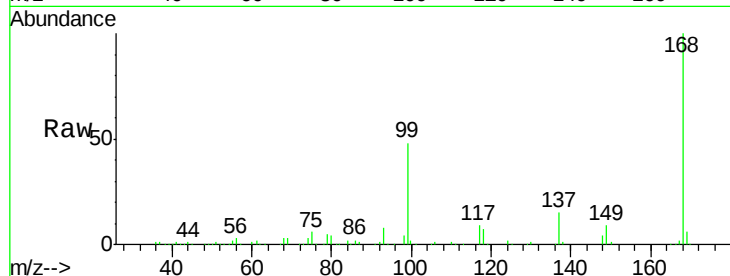
J2741-07MSMS

Tgt Ion:168 Resp: 224552

Ion Ratio Lower Upper

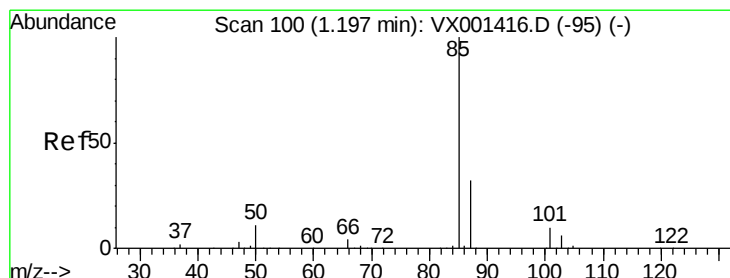
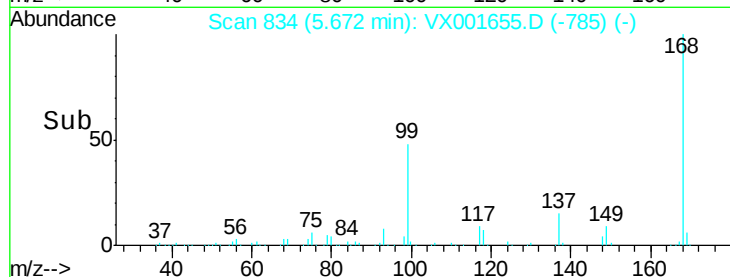
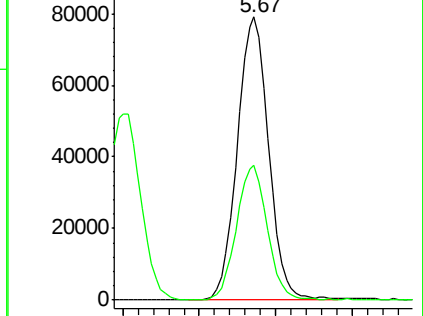
168 100

99 47.5 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001655.D

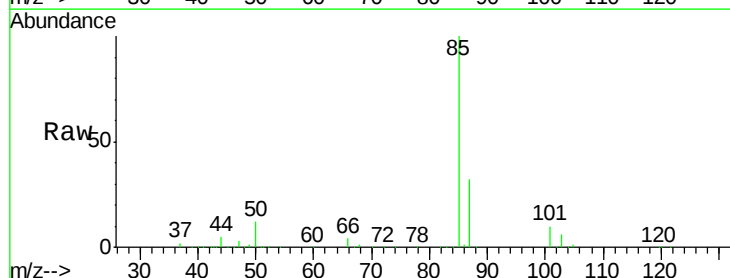
Acq: 11 May 2018 22:22

Tgt Ion: 85 Resp: 145593

Ion Ratio Lower Upper

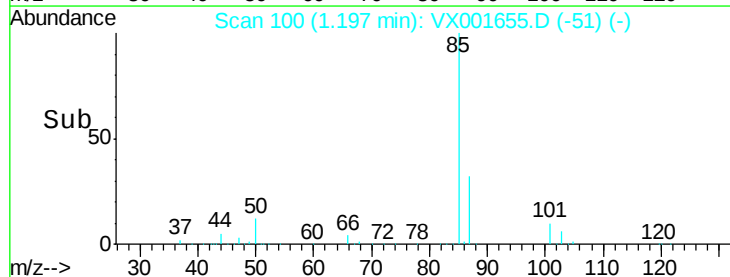
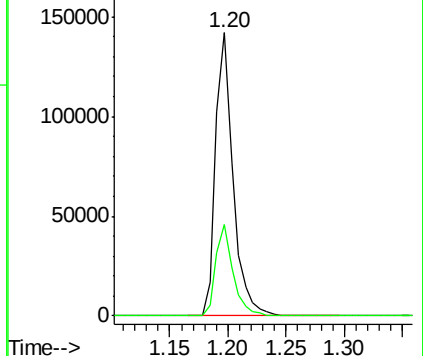
85 100

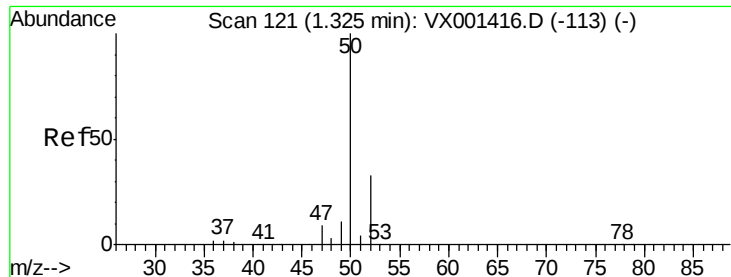
87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

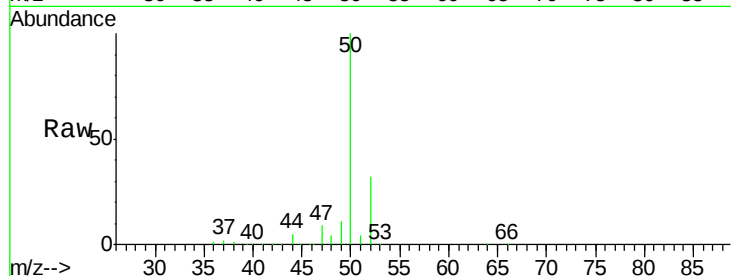
J2741-07MSMS

Tgt Ion: 50 Resp: 142166

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

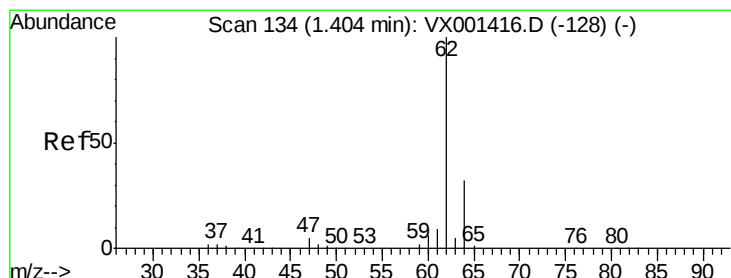
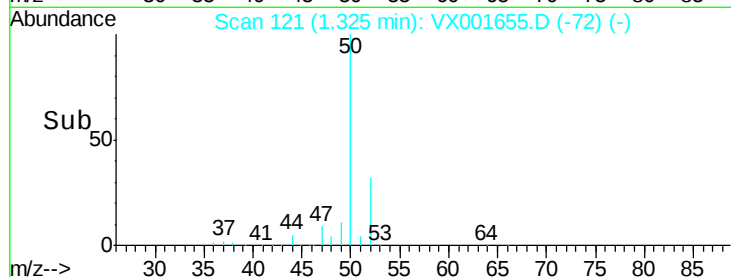
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 133.54 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001655.D

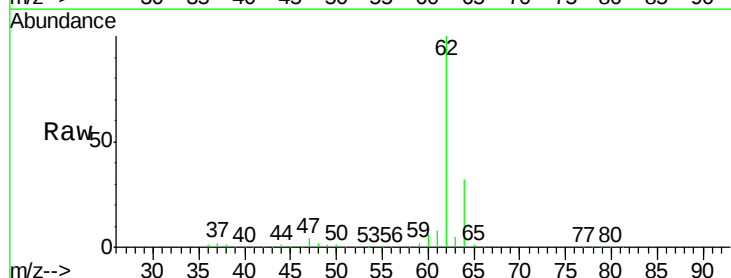
Acq: 11 May 2018 22:22

Tgt Ion: 62 Resp: 410288

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

400000

300000

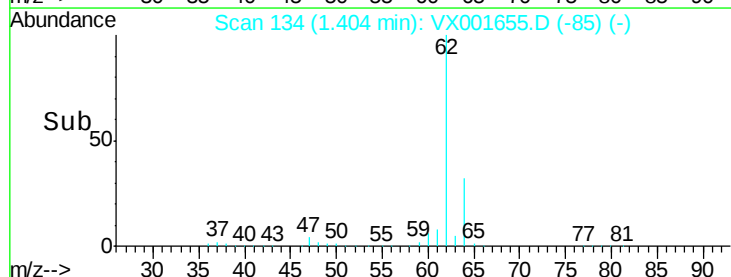
200000

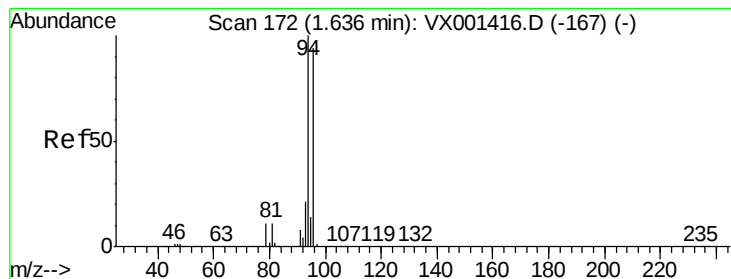
100000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 46.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

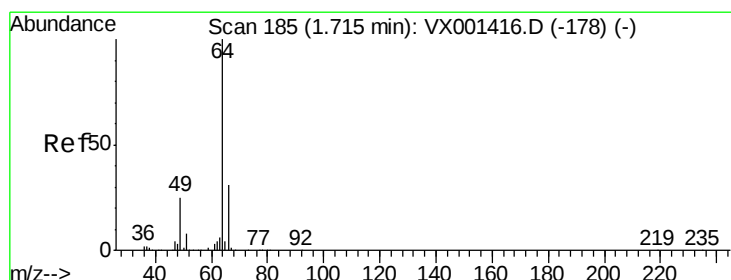
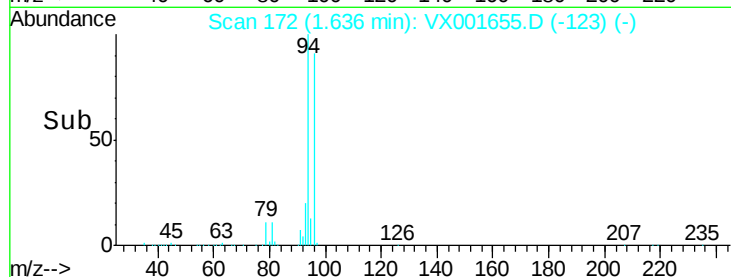
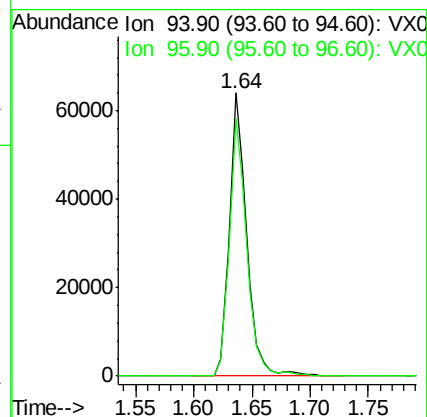
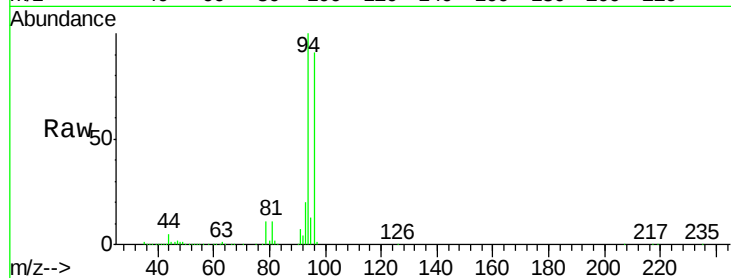
J2741-07MSMS

Tgt Ion: 94 Resp: 65184

Ion Ratio Lower Upper

94 100

96 91.0 75.0 112.6



#6

Chloroethane

Concen: 51.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001655.D

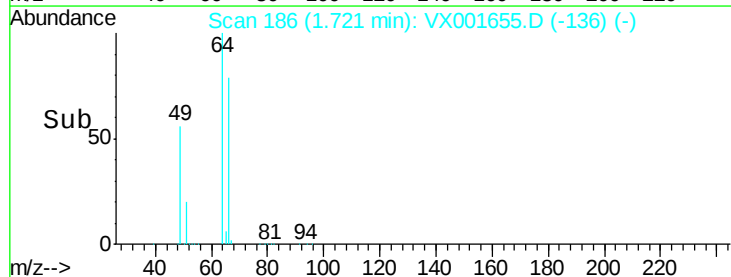
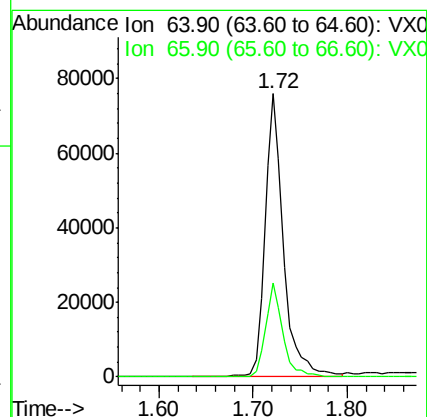
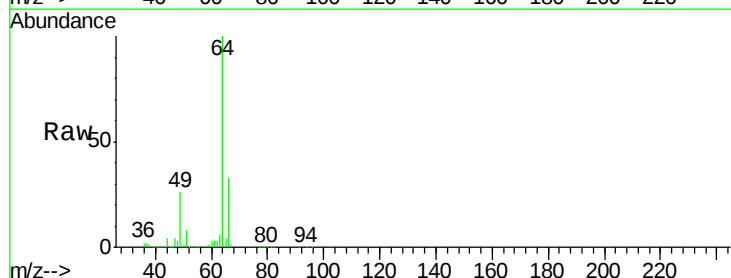
Acq: 11 May 2018 22:22

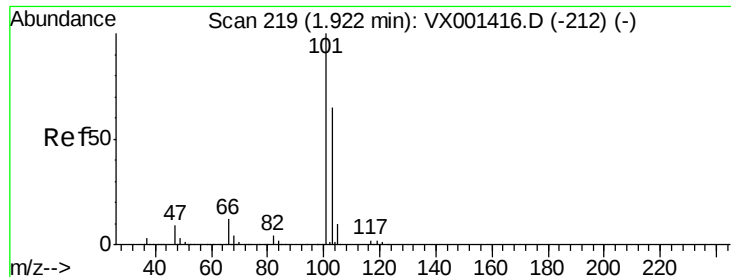
Tgt Ion: 64 Resp: 104491

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7



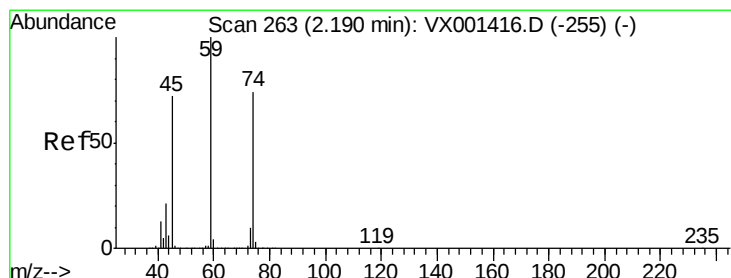
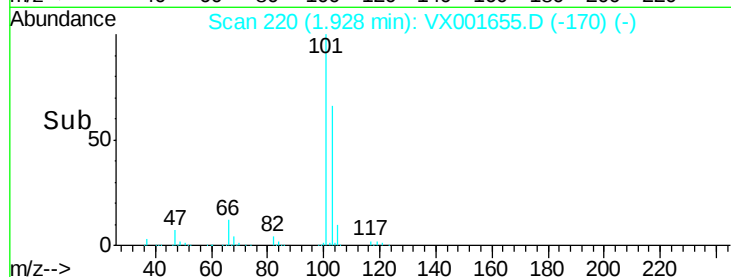
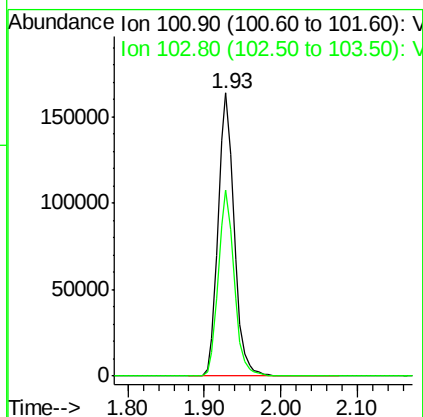
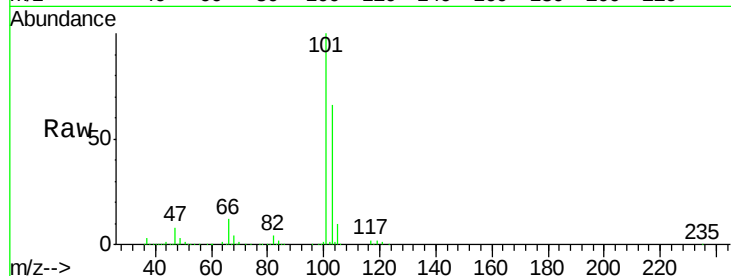


#7

Trichlorofluoromethane
 Concen: 51.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

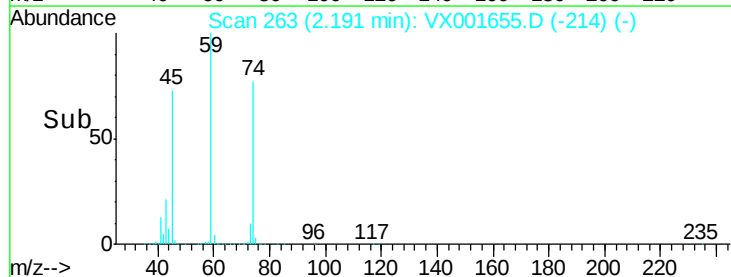
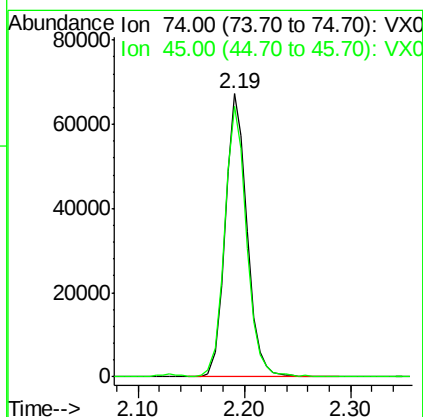
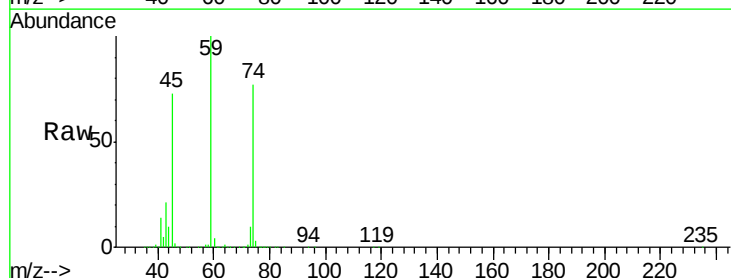
Tgt Ion:101 Resp: 237973
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.0 78.0

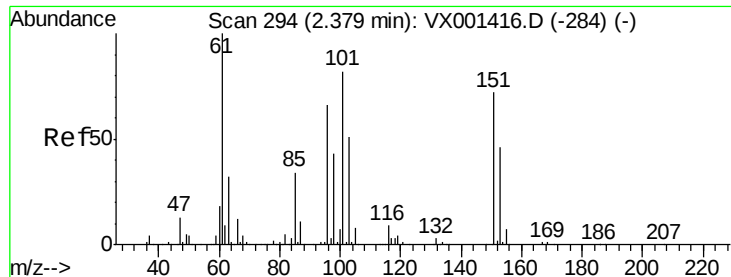


#8

Diethyl Ether
 Concen: 52.96 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 74 Resp: 95988
 Ion Ratio Lower Upper
 74 100
 45 96.4 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.01 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

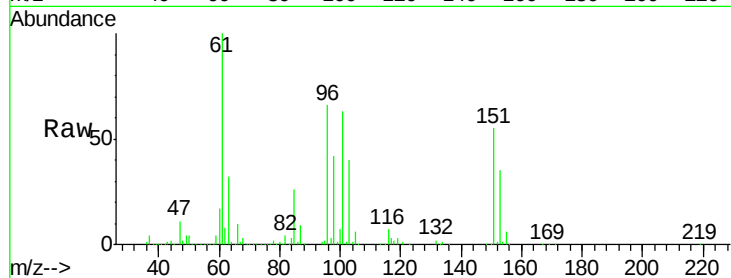
Tgt Ion:101 Resp: 138280

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

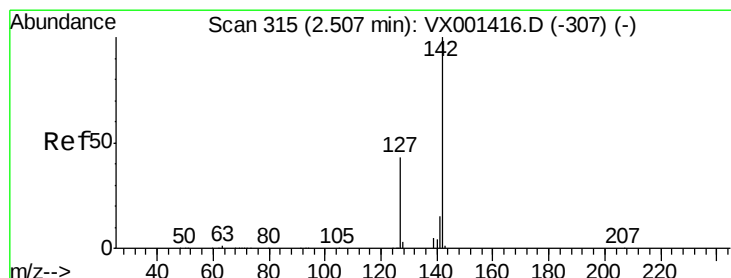
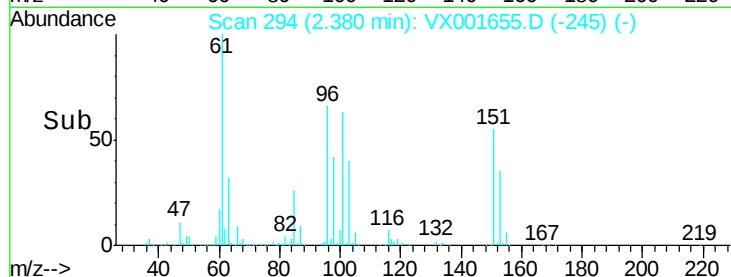
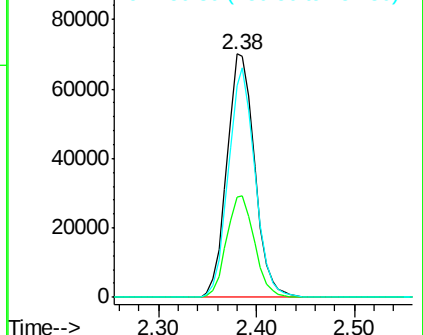
151 90.3 72.3 108.5



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: 39.94 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

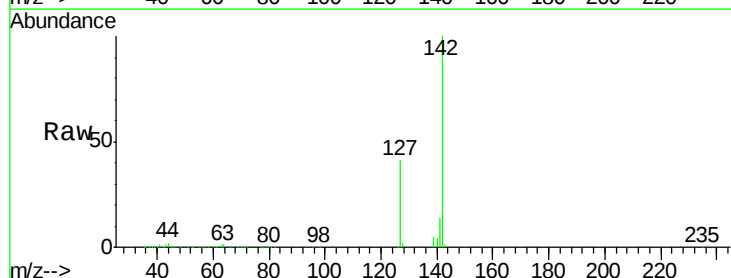
Tgt Ion:142 Resp: 156230

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

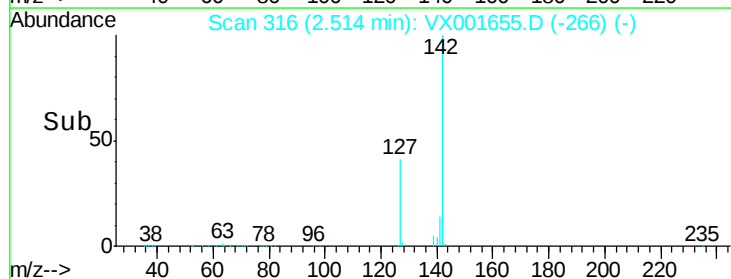
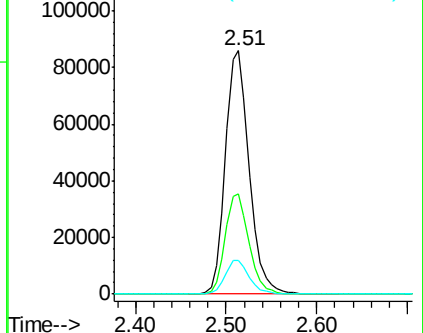
141 14.0 11.4 17.2

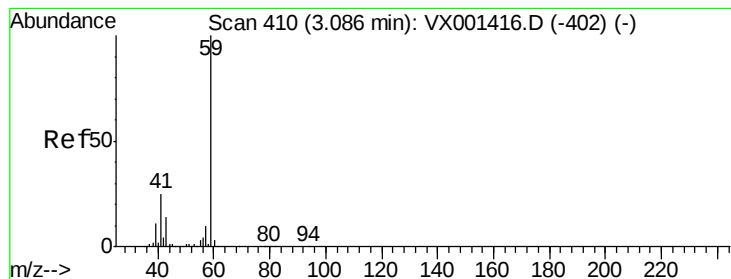


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



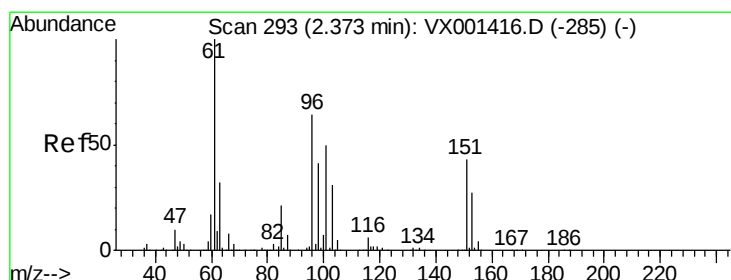
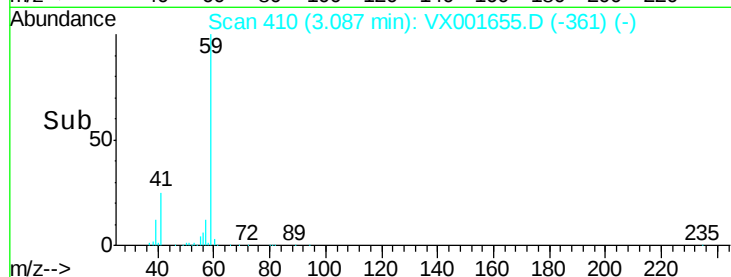
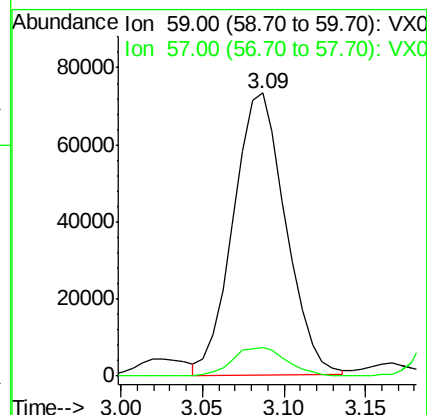
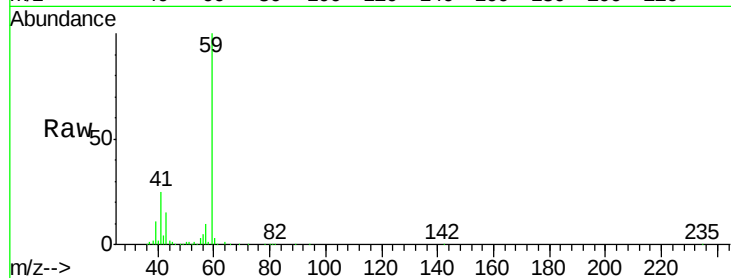


#11

Tert butyl alcohol
 Concen: 239.98 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

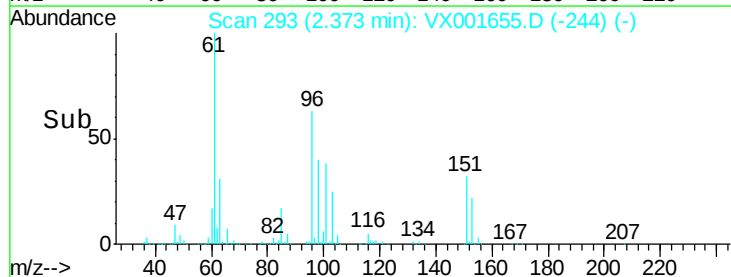
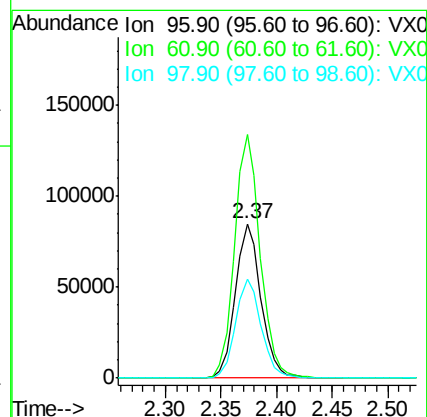
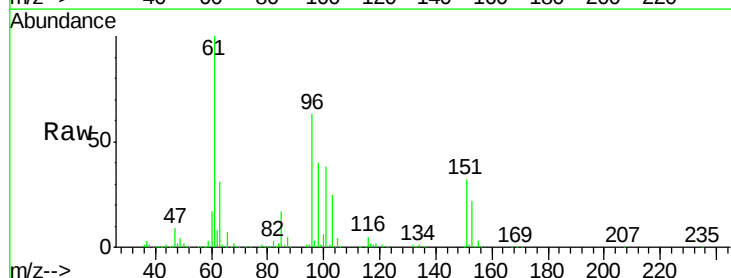
Tgt Ion: 59 Resp: 163305
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

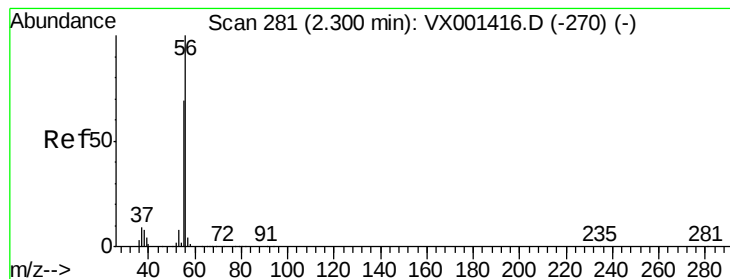


#12

1,1-Dichloroethene
 Concen: 54.39 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 96 Resp: 135144
 Ion Ratio Lower Upper
 96 100
 61 157.5 125.7 188.5
 98 63.8 52.0 78.0





#13

Acrolein

Concen: 173.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

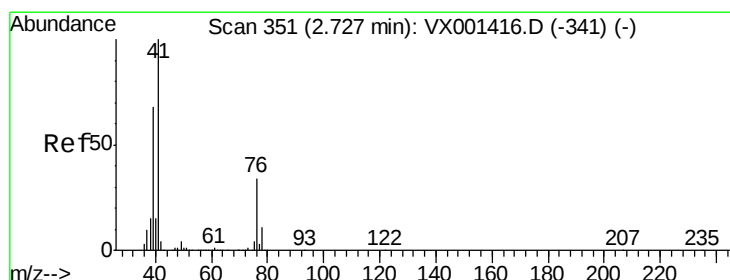
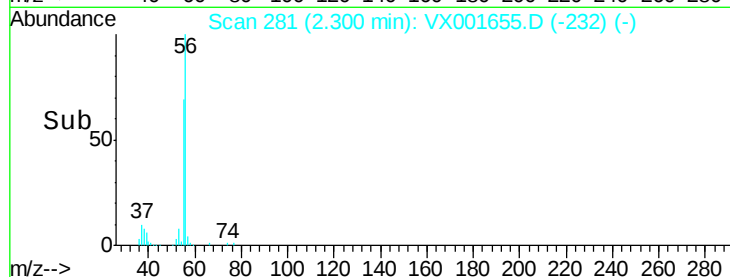
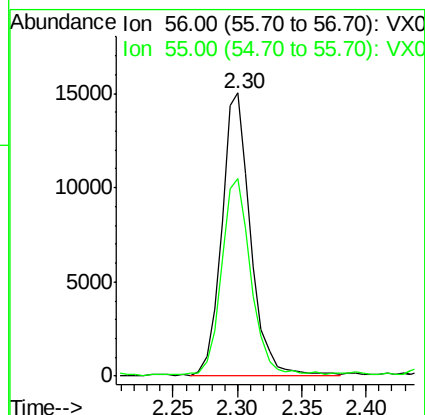
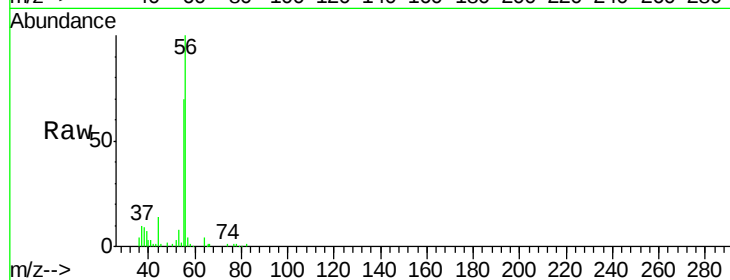
J2741-07MSMS

Tgt Ion: 56 Resp: 23694

Ion Ratio Lower Upper

56 100

55 70.5 54.5 81.7



#14

Allyl chloride

Concen: 52.69 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

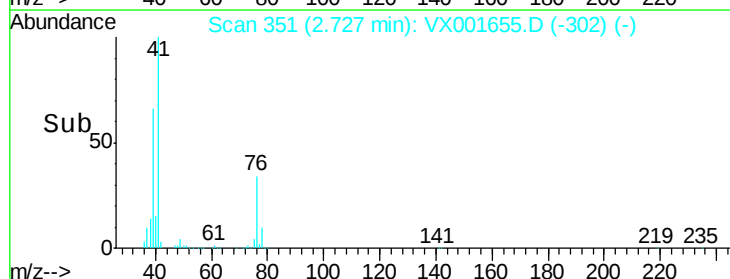
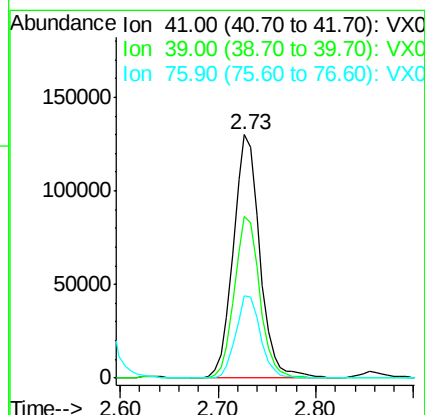
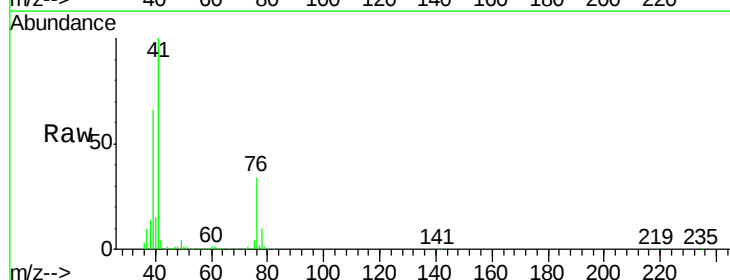
Tgt Ion: 41 Resp: 244130

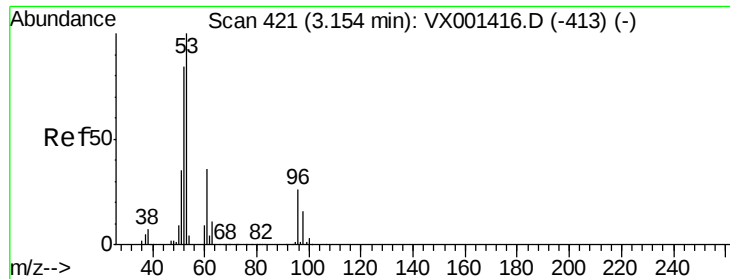
Ion Ratio Lower Upper

41 100

39 63.6 52.4 78.6

76 31.6 25.8 38.6

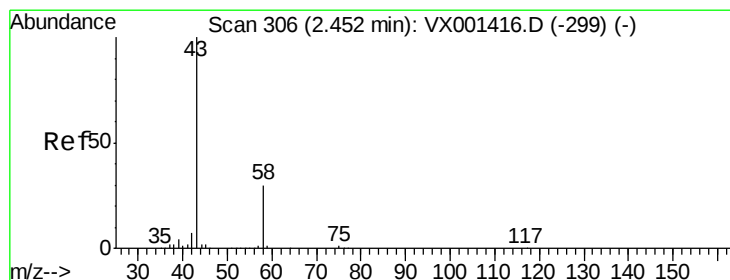
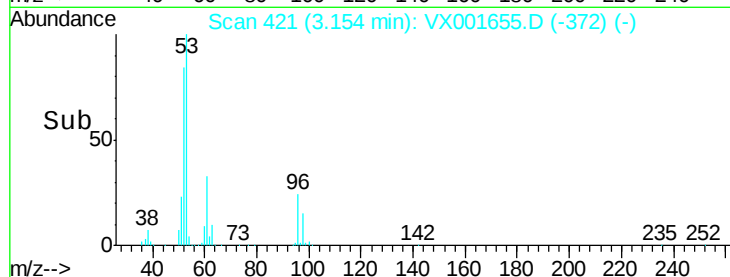
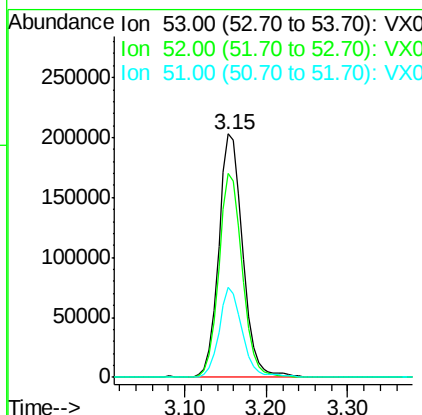
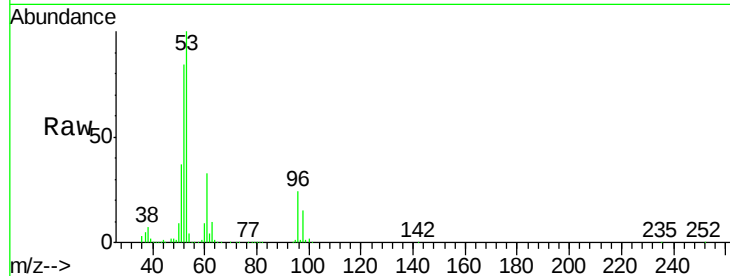




#15
 Acrylonitrile
 Concen: 269.41 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

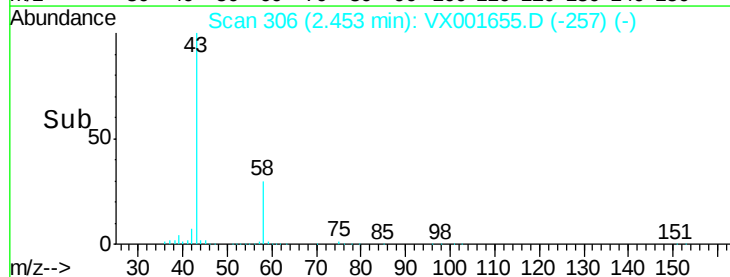
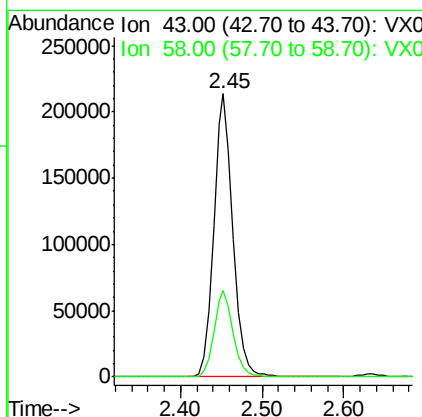
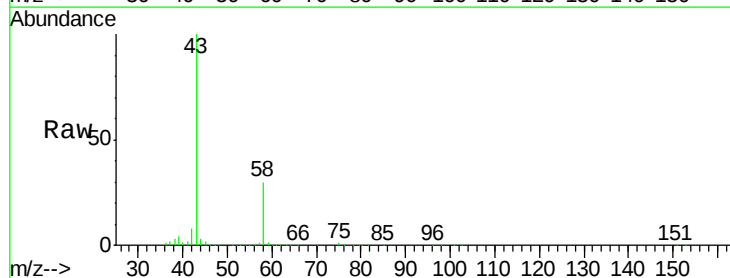
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

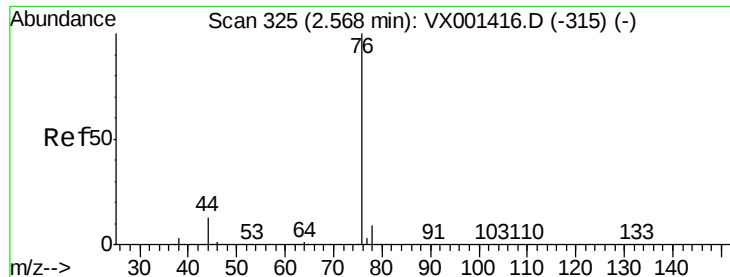
Tgt Ion: 53 Resp: 414277
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.2 99.2
 51 35.9 28.6 43.0



#16
 Acetone
 Concen: 238.47 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 43 Resp: 349495
 Ion Ratio Lower Upper
 43 100
 58 30.4 23.8 35.8

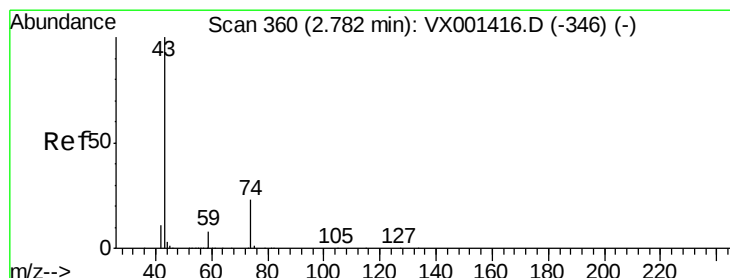
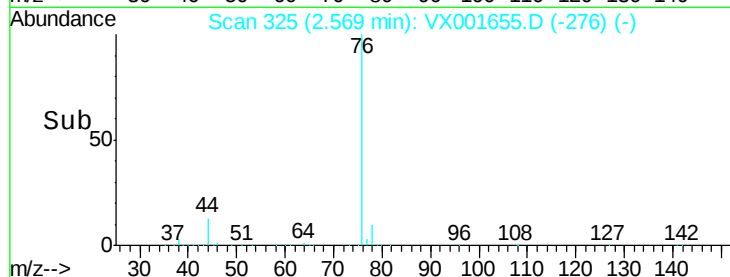
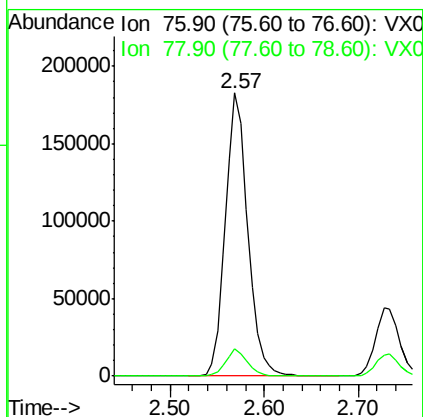
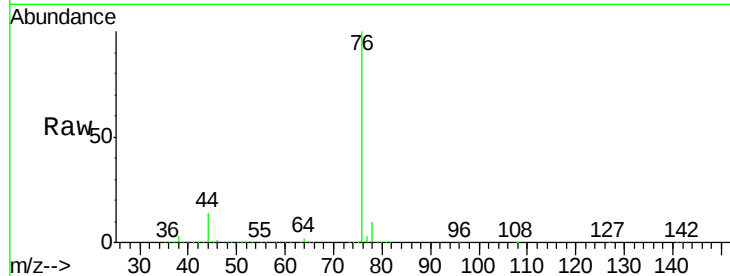




#17
Carbon Disulfide
Concen: 47.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

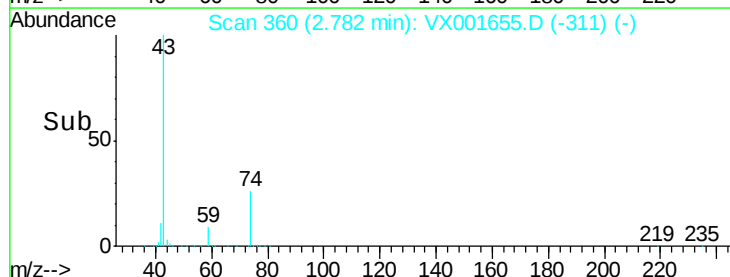
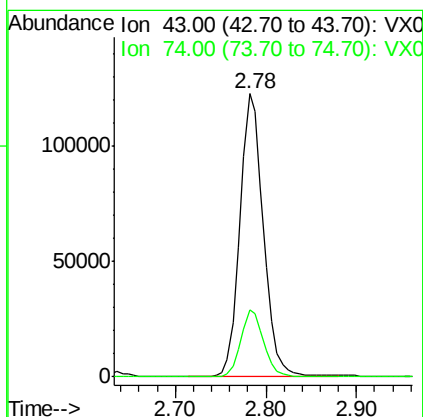
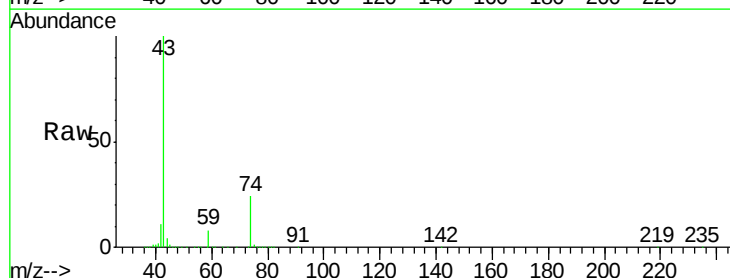
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

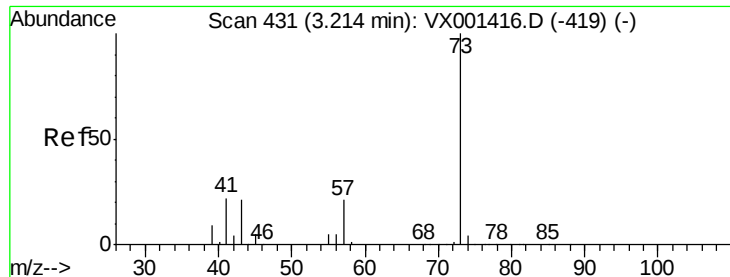
Tgt Ion: 76 Resp: 302426
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 57.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion: 43 Resp: 219746
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

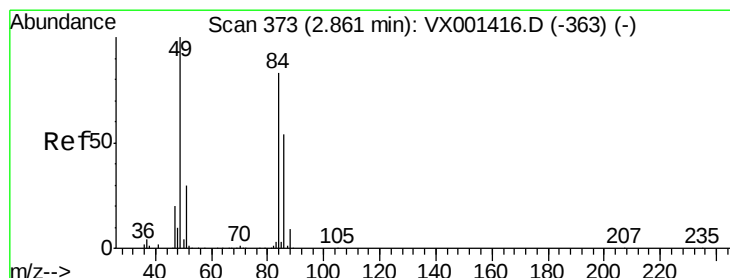
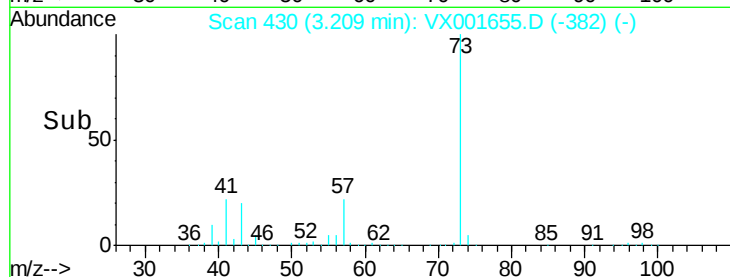
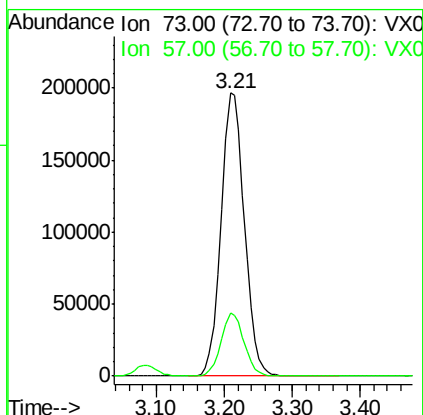
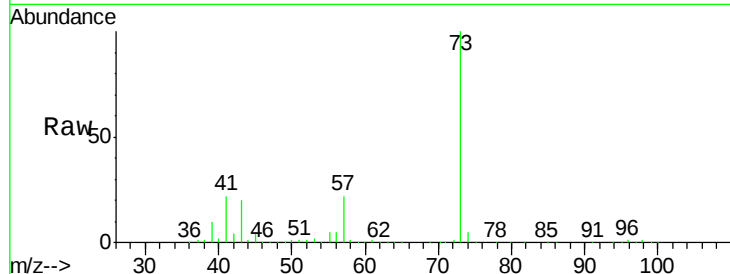




#19
Methyl tert-butyl Ether
Concen: 53.97 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

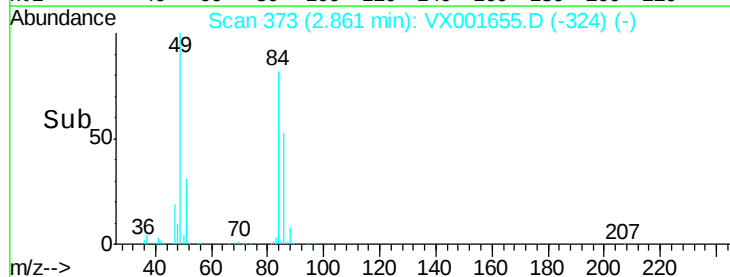
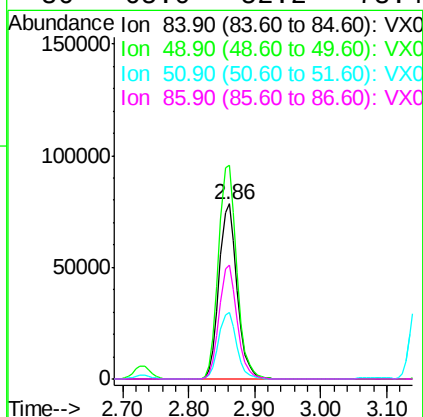
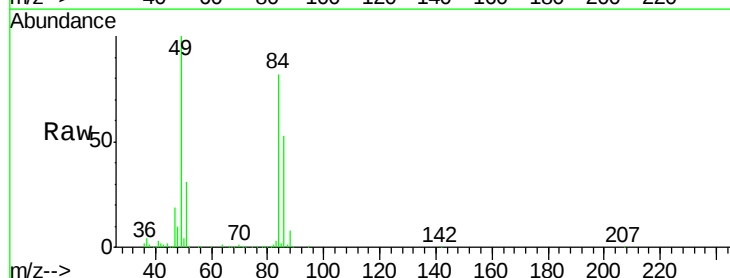
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

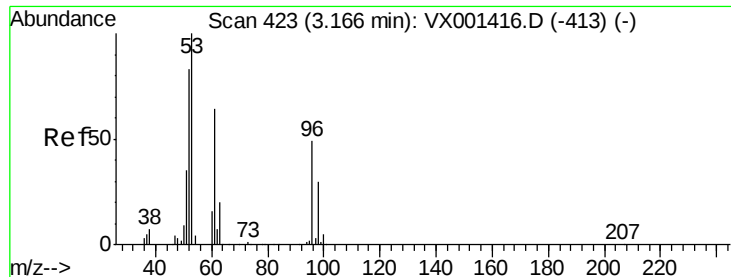
Tgt Ion: 73 Resp: 466868
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 50.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion: 84 Resp: 147967
Ion Ratio Lower Upper
84 100
49 121.8 96.6 144.8
51 37.8 29.0 43.4
86 65.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 51.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

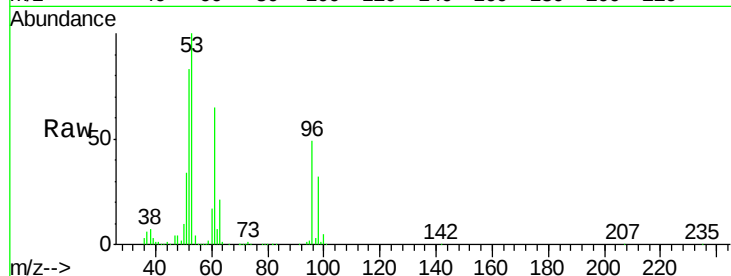
Tgt Ion: 96 Resp: 143341

Ion Ratio Lower Upper

96 100

61 132.8 105.0 157.4

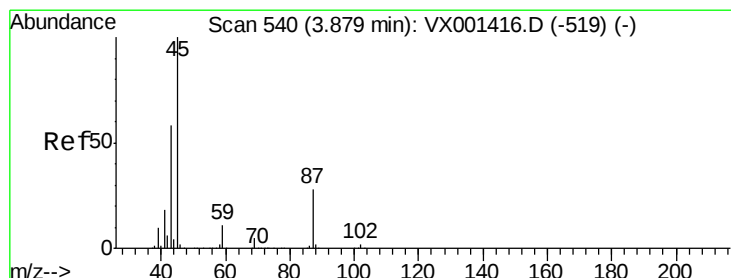
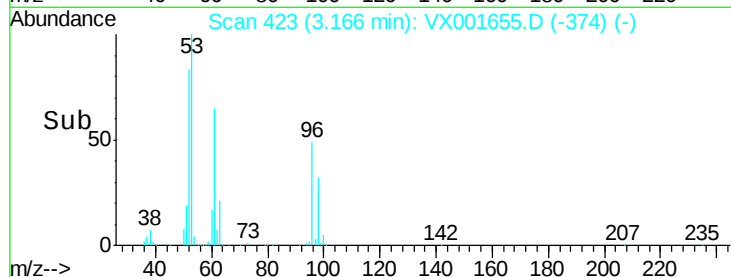
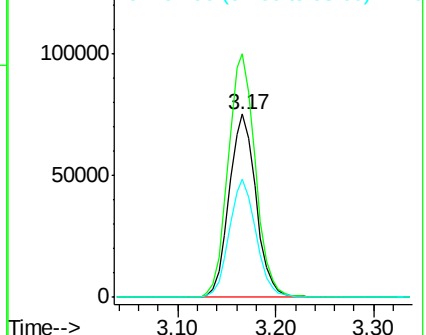
98 64.3 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.15 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Tgt Ion: 45 Resp: 468687

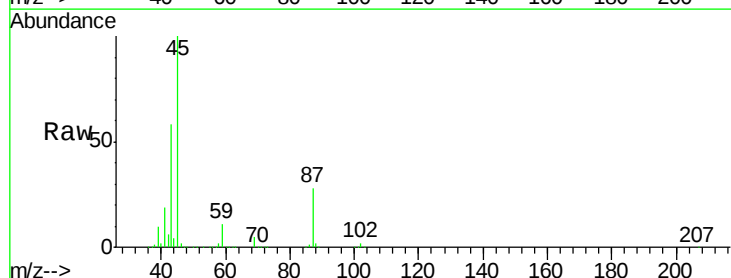
Ion Ratio Lower Upper

45 100

43 58.0 46.5 69.7

87 27.9 22.6 34.0

59 11.4 9.1 13.7

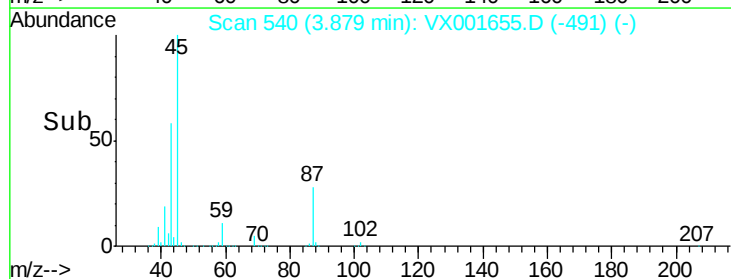
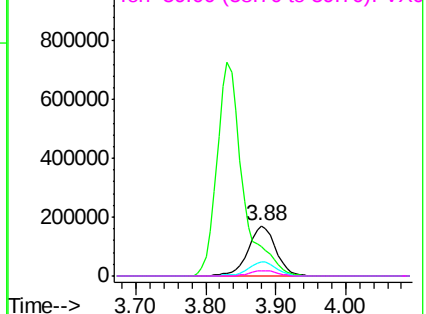


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.29 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

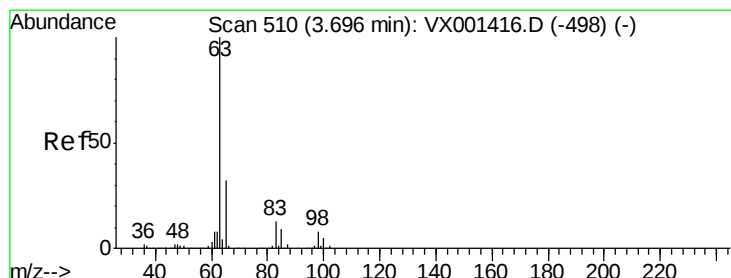
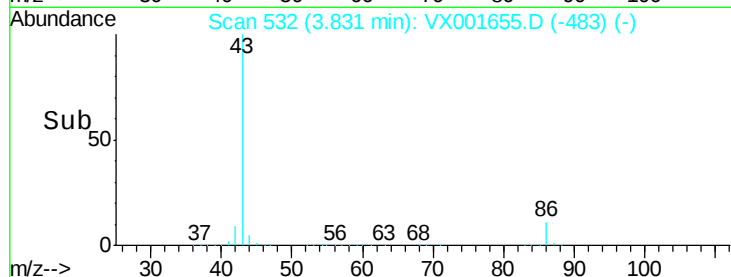
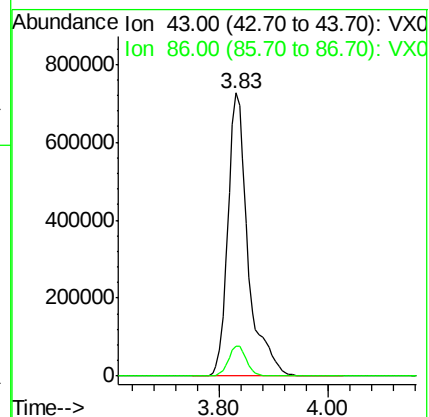
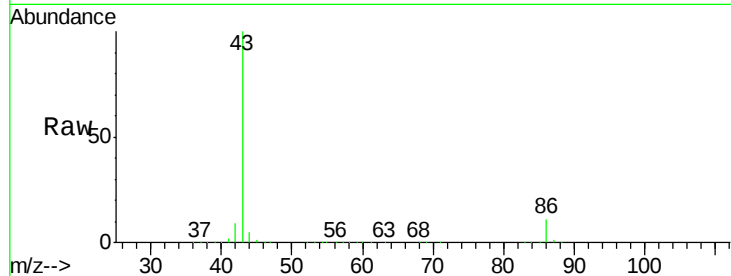
J2741-07MSMS

Tgt Ion: 43 Resp: 1863262

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 56.88 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

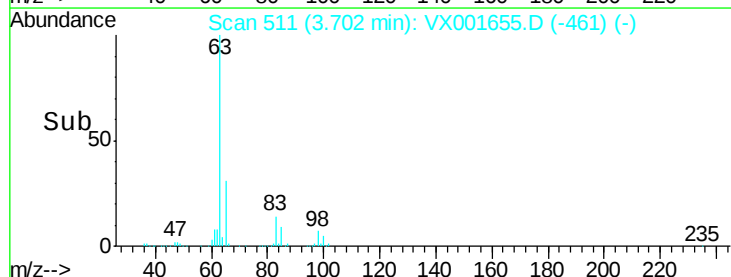
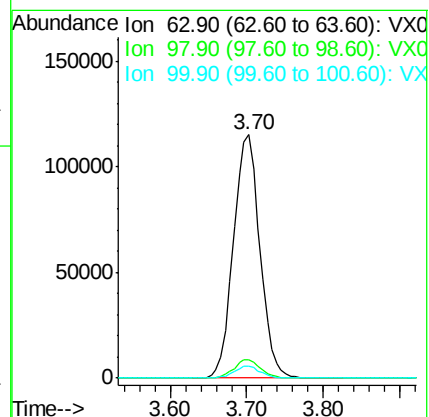
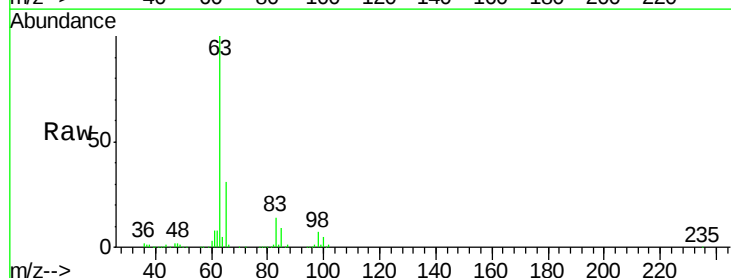
Tgt Ion: 63 Resp: 275055

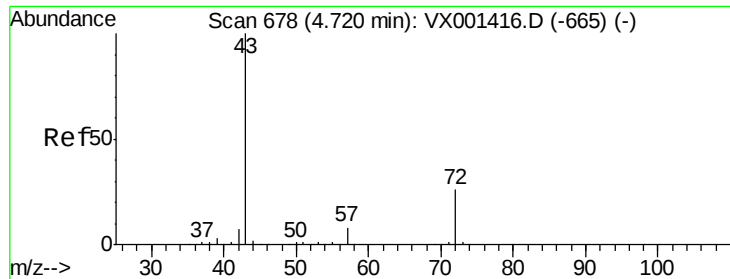
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 259.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

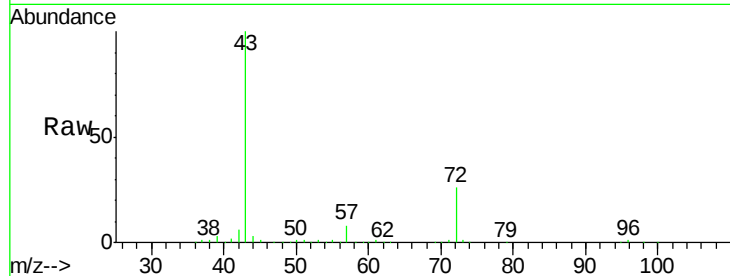
J2741-07MSMS

Tgt Ion: 43 Resp: 549423

Ion Ratio Lower Upper

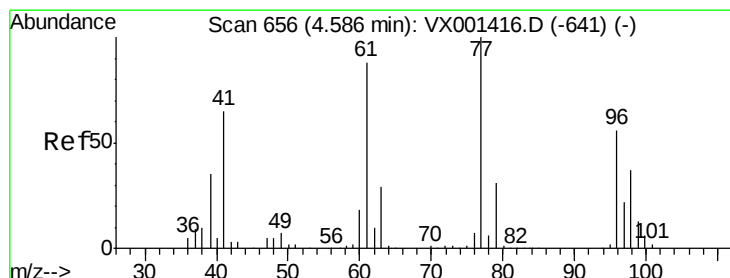
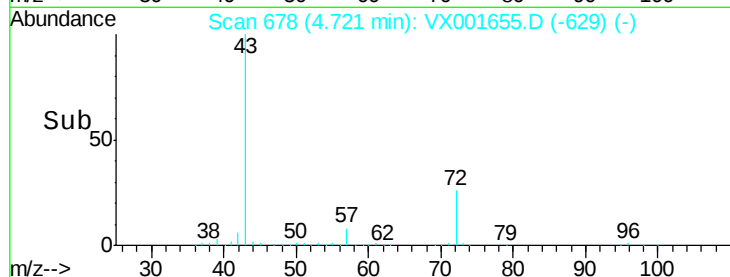
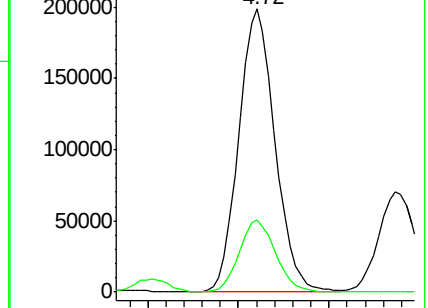
43 100

72 25.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001655.D

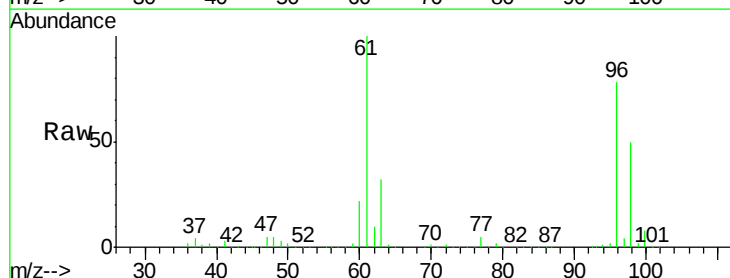
Acq: 11 May 2018 22:22

Tgt Ion: 77 Resp: 174760

Ion Ratio Lower Upper

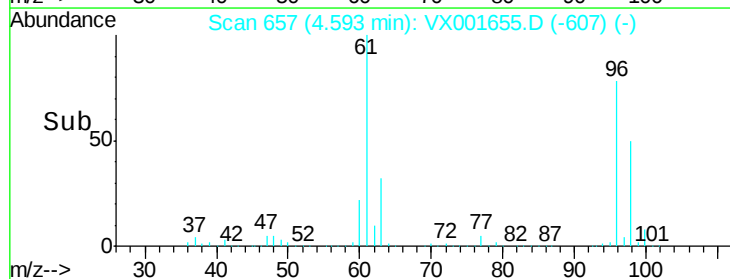
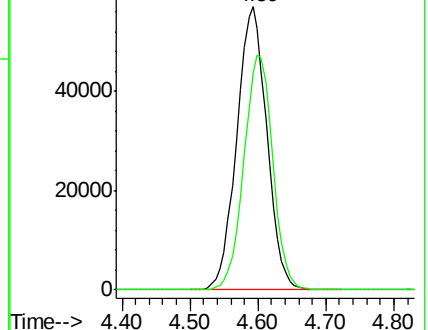
77 100

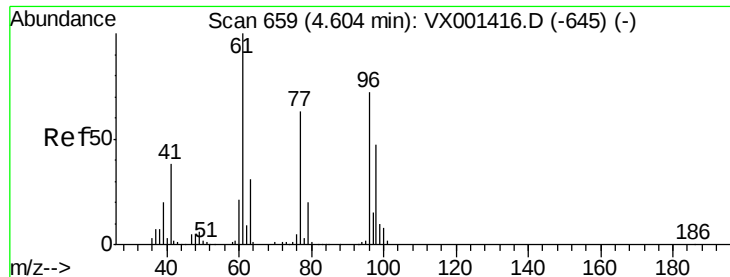
97 79.8 11.2 33.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 933.95 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

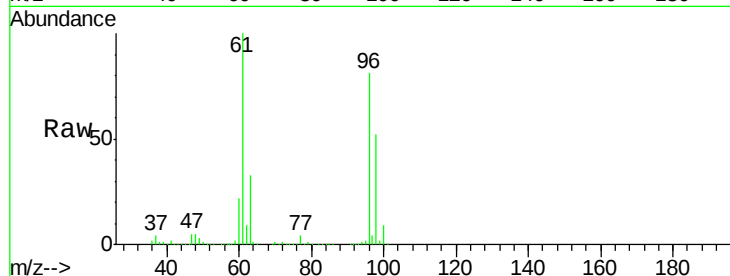
Tgt Ion: 96 Resp: 2758213

Ion Ratio Lower Upper

96 100

61 125.1 0.0 301.6

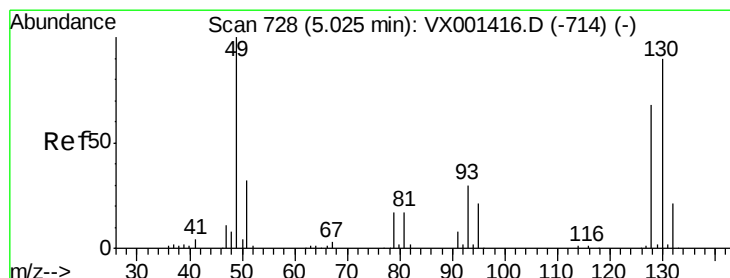
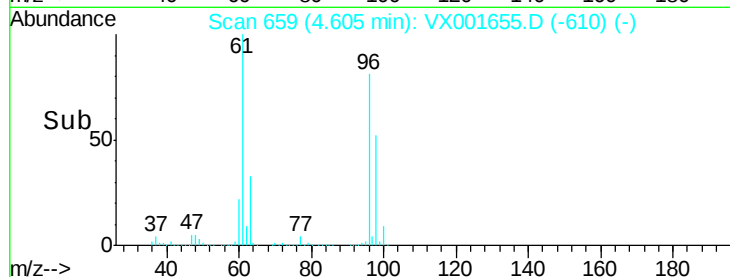
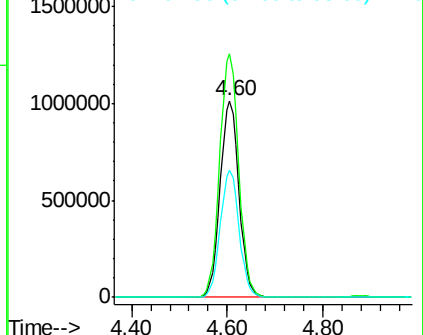
98 64.8 0.0 131.6



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: 54.99 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

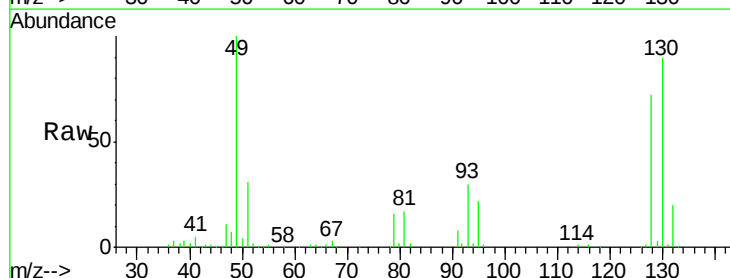
Tgt Ion: 49 Resp: 115280

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

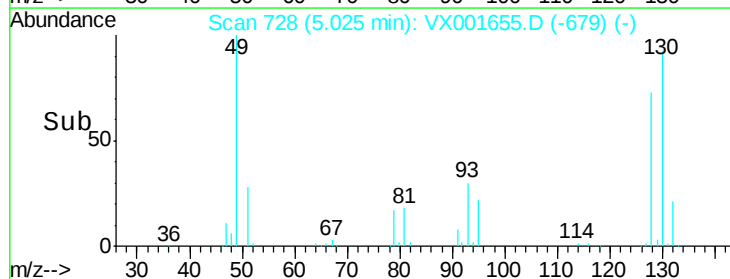
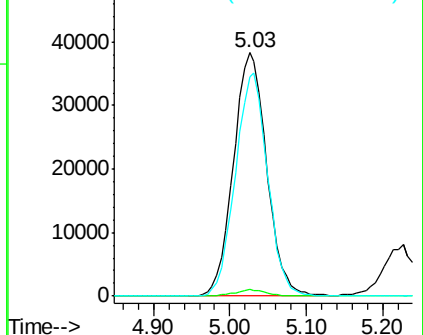
130 88.8 71.9 107.9

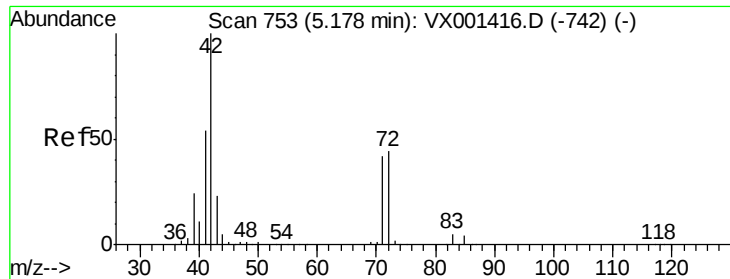


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.07 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

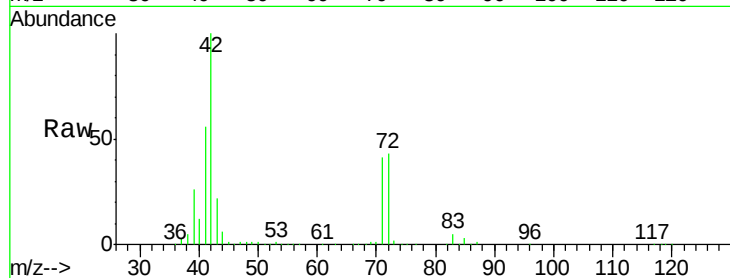
Tgt Ion: 42 Resp: 357933

Ion Ratio Lower Upper

42 100

72 44.4 35.4 53.2

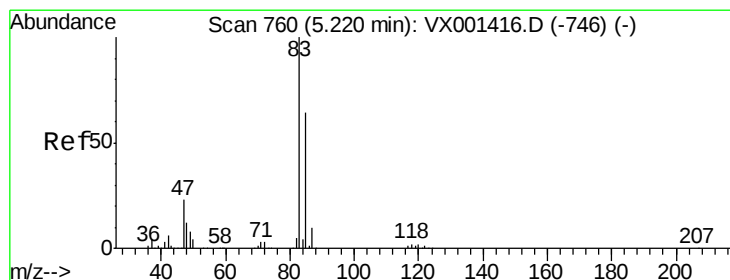
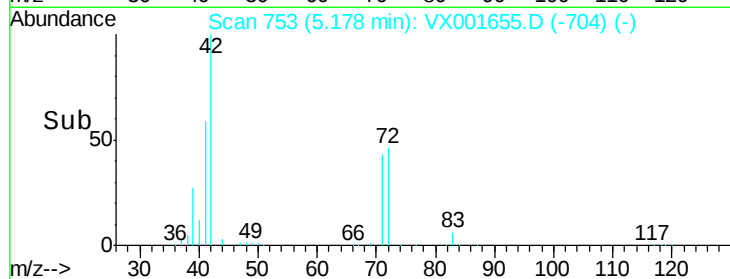
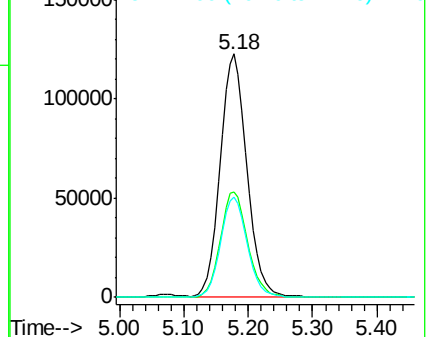
71 41.5 33.0 49.4



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: 55.82 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001655.D

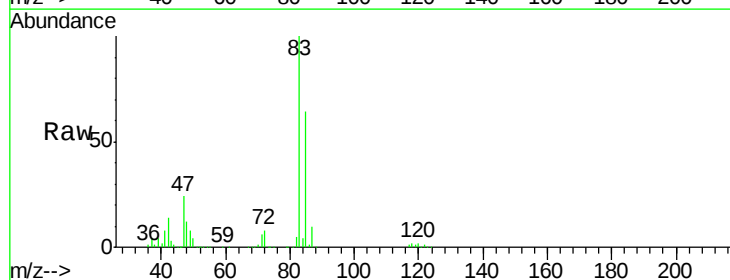
Acq: 11 May 2018 22:22

Tgt Ion: 83 Resp: 278010

Ion Ratio Lower Upper

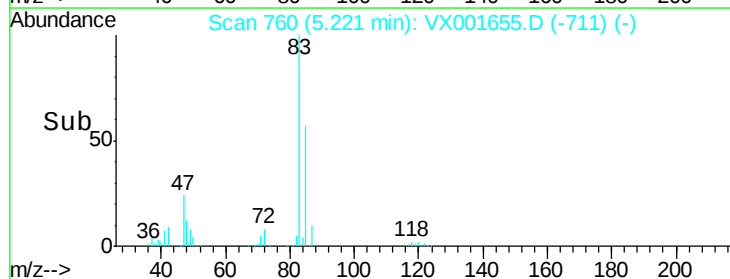
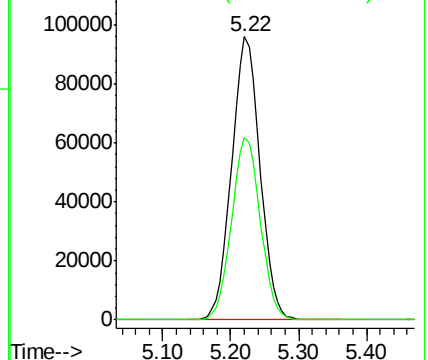
83 100

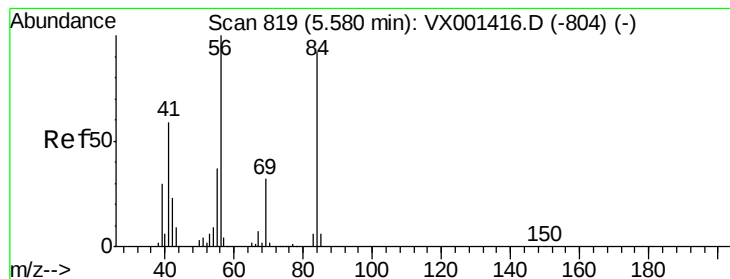
85 64.2 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.25 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

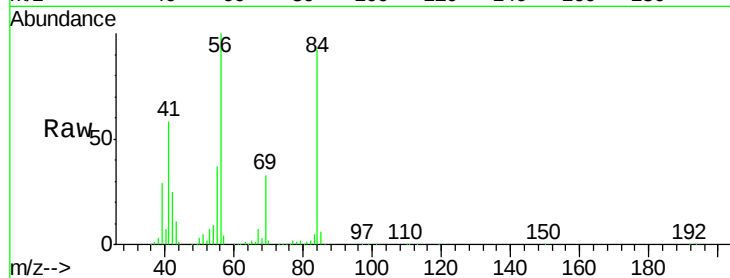
Tgt Ion: 56 Resp: 212822

Ion Ratio Lower Upper

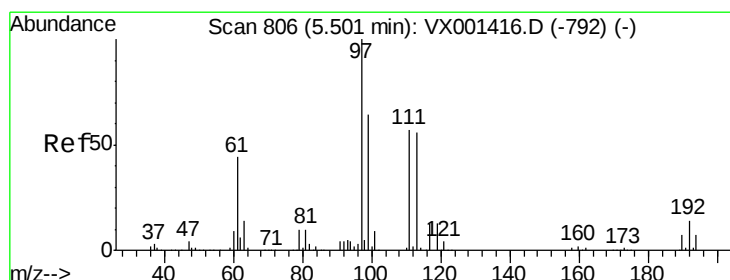
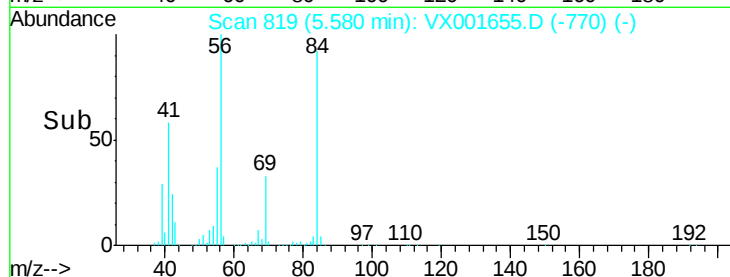
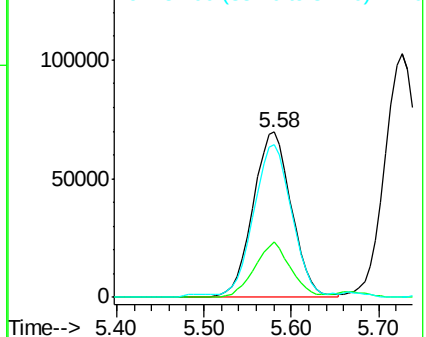
56 100

69 33.2 25.4 38.0

84 90.7 73.8 110.8



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: 56.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

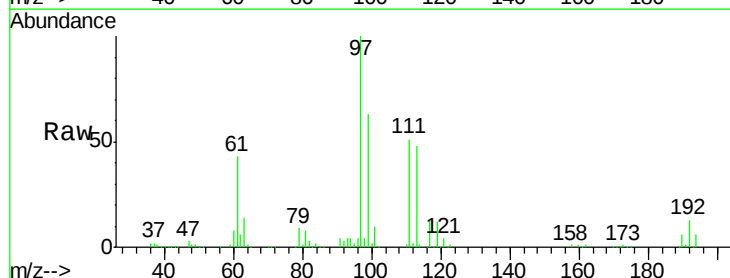
Tgt Ion: 97 Resp: 247536

Ion Ratio Lower Upper

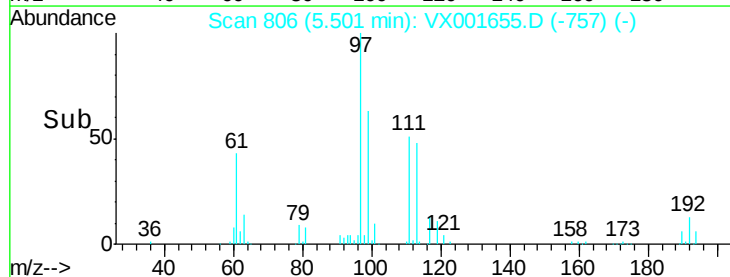
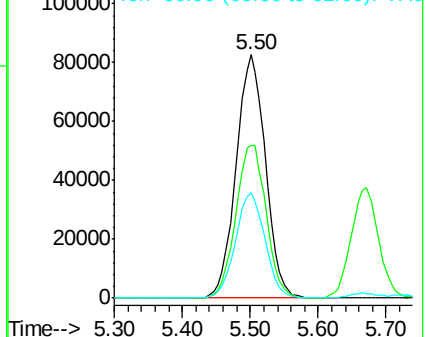
97 100

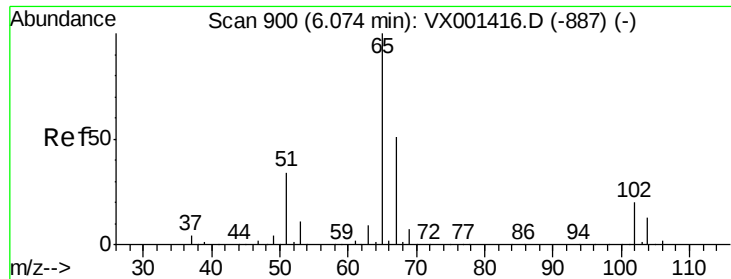
99 64.9 51.3 76.9

61 43.4 34.8 52.2



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: 47.08 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

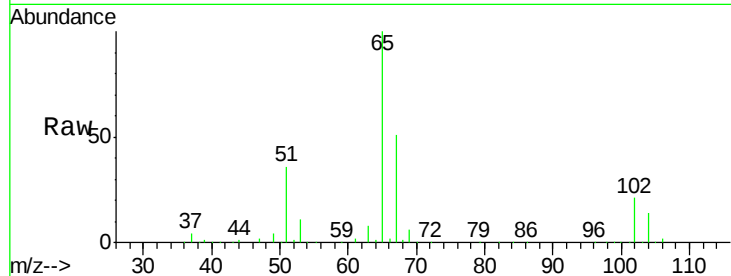
J2741-07MSMS

Tgt Ion: 65 Resp: 151938

Ion Ratio Lower Upper

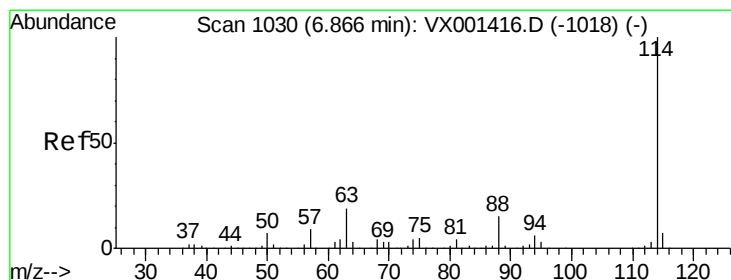
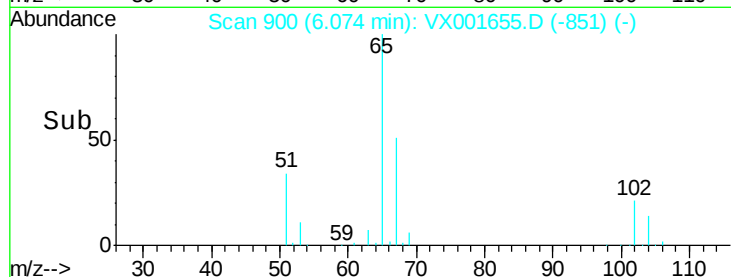
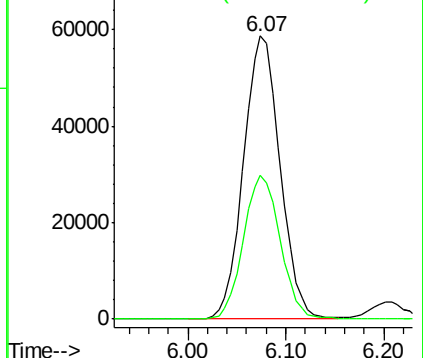
65 100

67 51.2 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

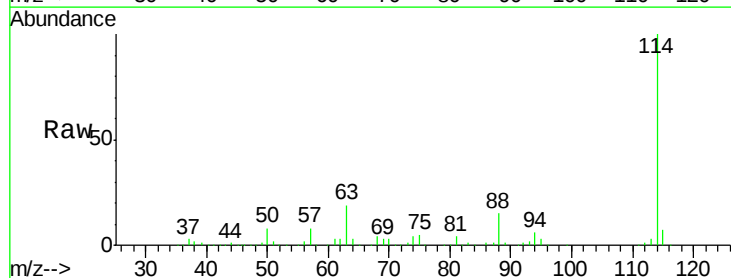
Tgt Ion: 114 Resp: 293588

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

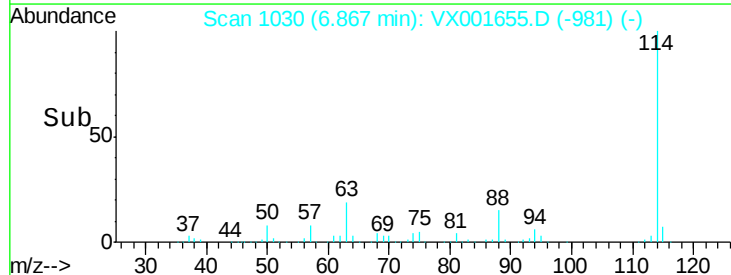
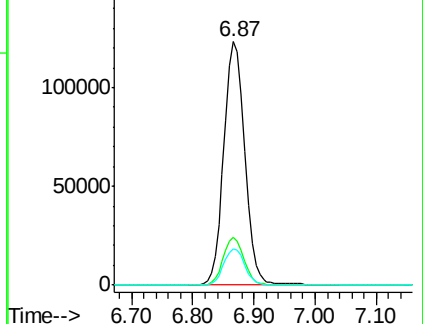
88 15.0 0.0 30.8



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

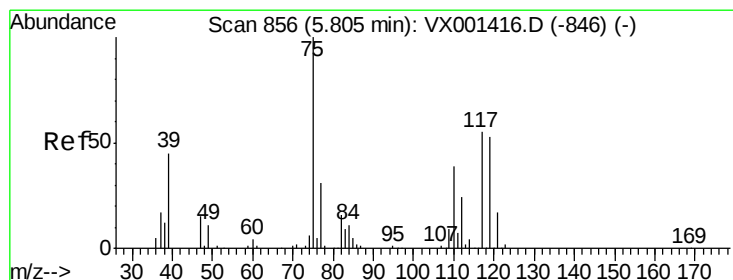
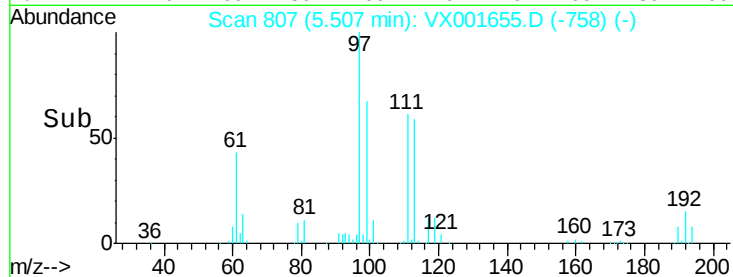
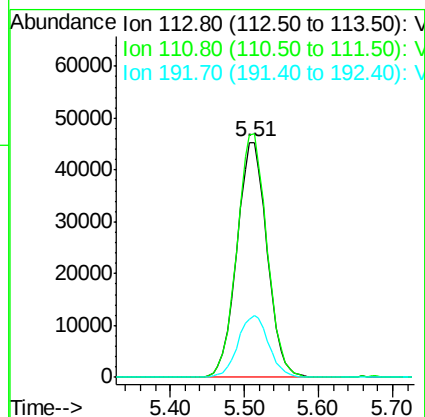
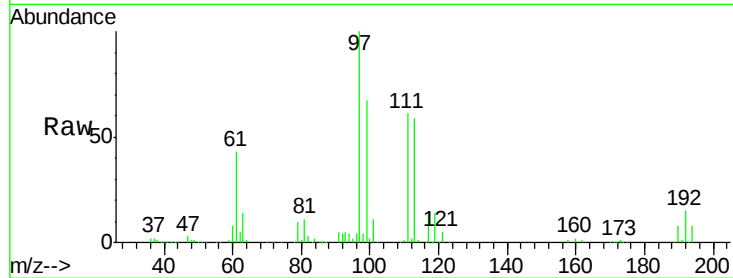




#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

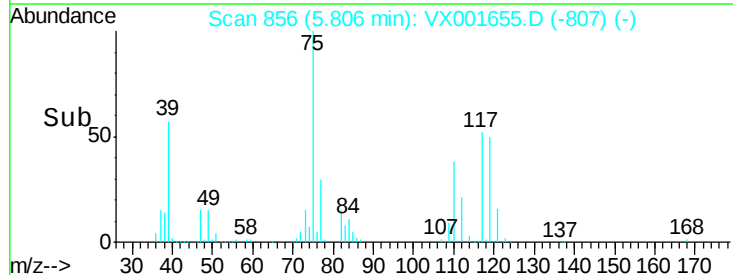
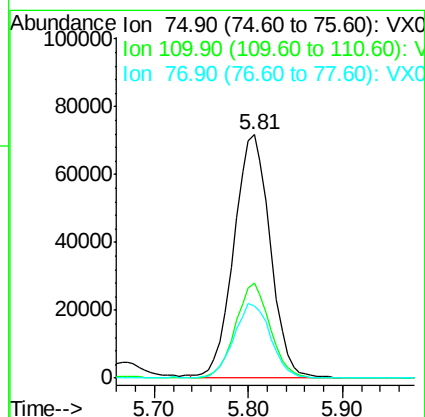
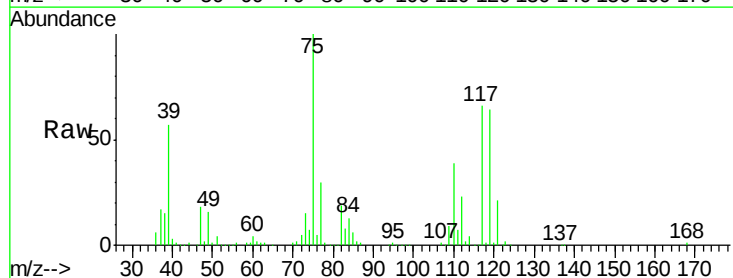
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

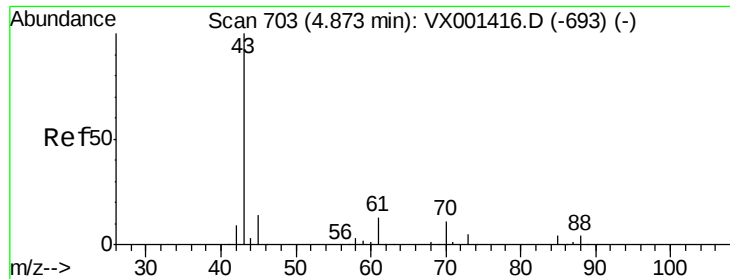
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	26.6	21.4	32.0



#36
 1,1-Dichloropropene
 Concen: 51.26 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.9	56.7
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 49.83 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampled :

J2741-07MSMS

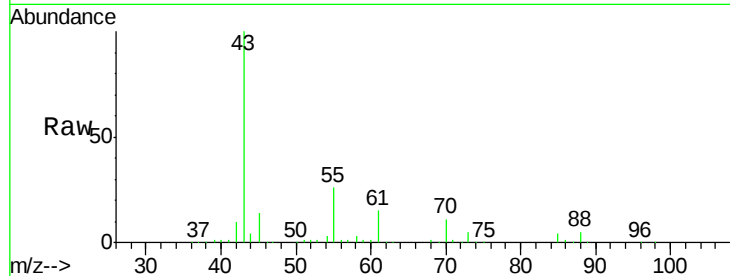
Tgt Ion: 43 Resp: 204003

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

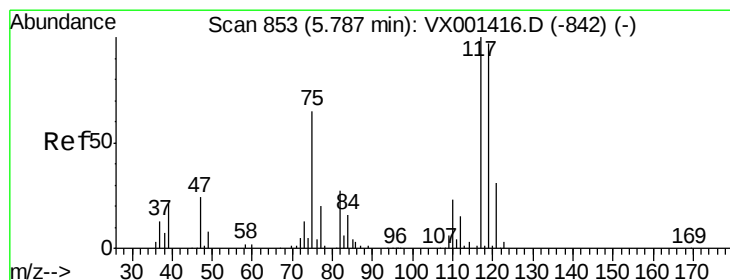
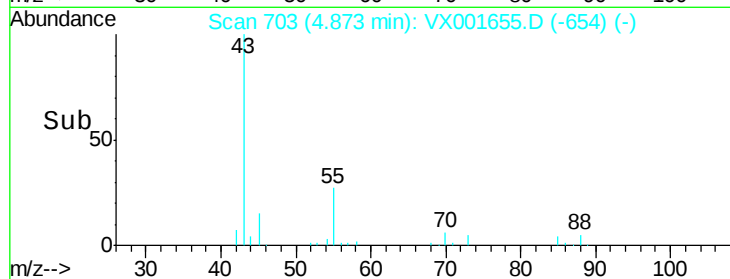
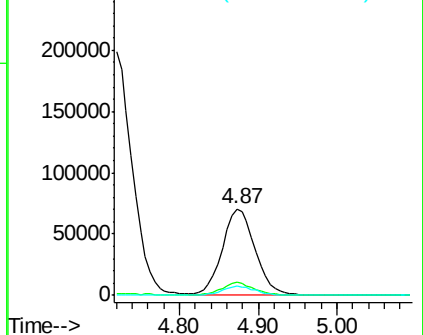
70 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 55.44 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

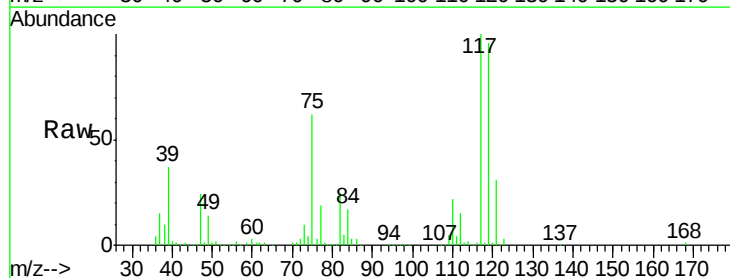
Tgt Ion: 117 Resp: 220816

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

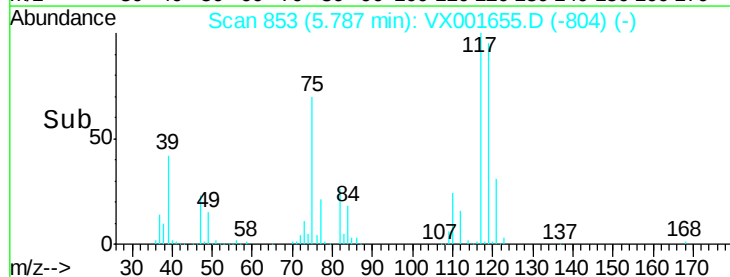
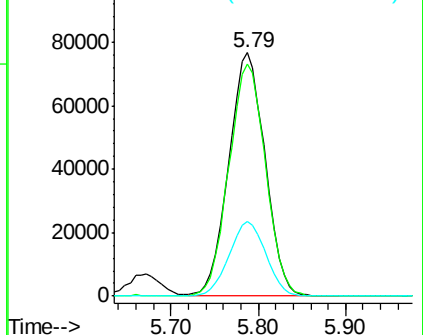
121 30.9 25.1 37.7

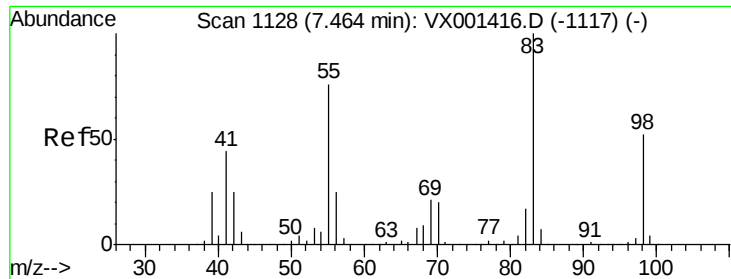


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

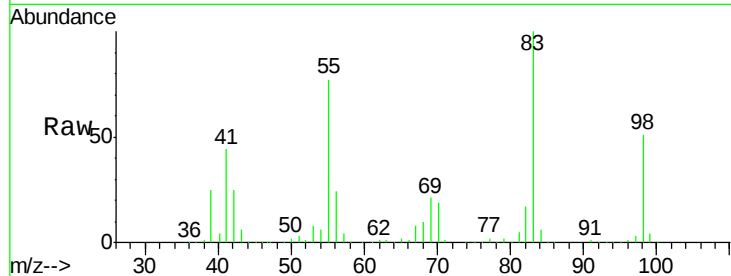




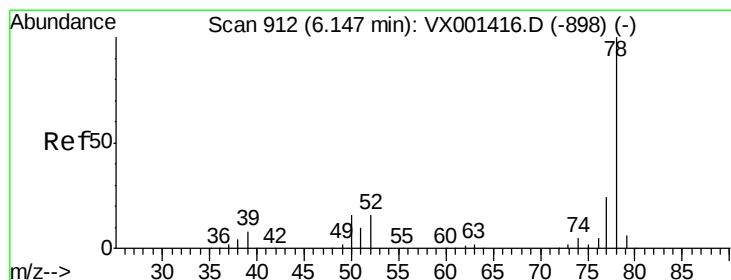
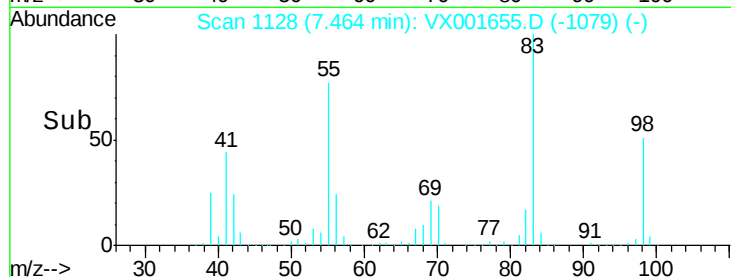
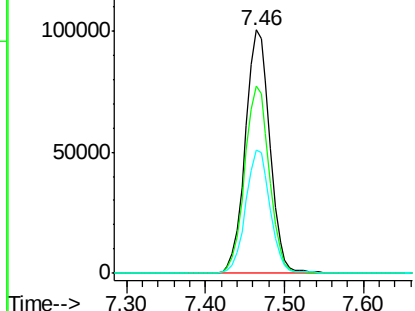
#39
Methylcyclohexane
Concen: 49.26 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.9	91.3
98	50.9	41.9	62.9

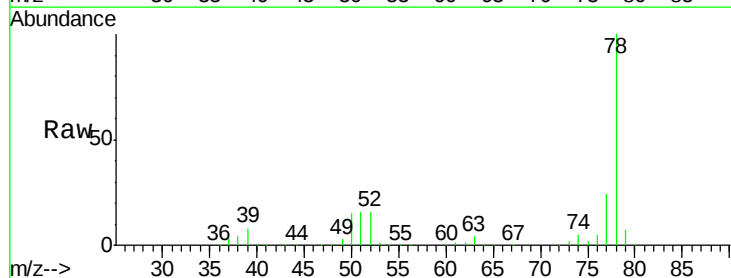


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

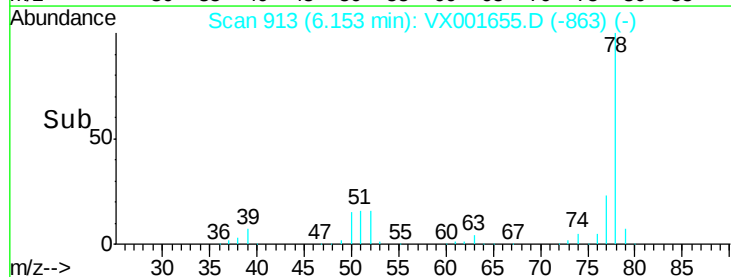
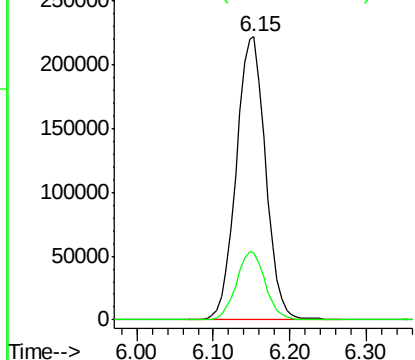


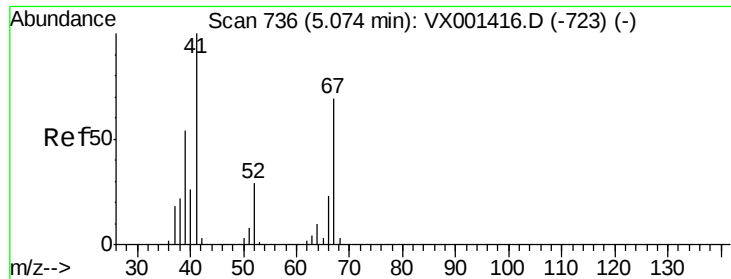
#40
Benzene
Concen: 54.08 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2



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





#41

Methacrylonitrile

Concen: 53.76 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampled :

J2741-07MSMS

Tgt Ion: 41 Resp: 125925

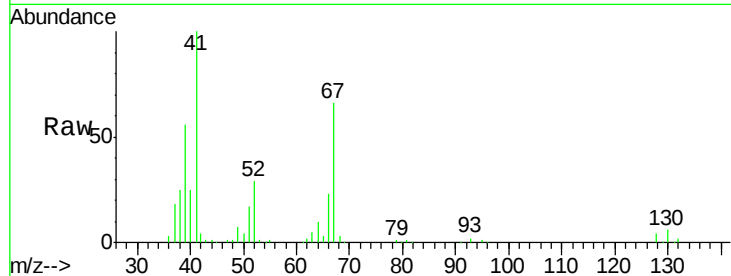
Ion Ratio Lower Upper

41 100

39 55.4 45.0 67.6

67 67.5 55.0 82.6

52 28.3 23.4 35.0

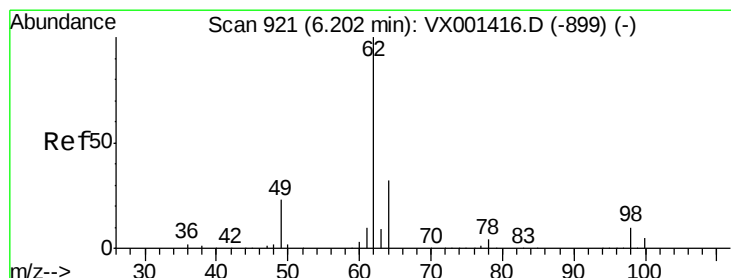
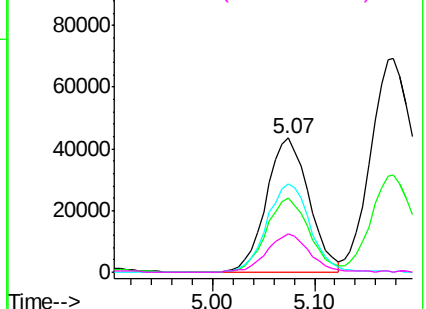
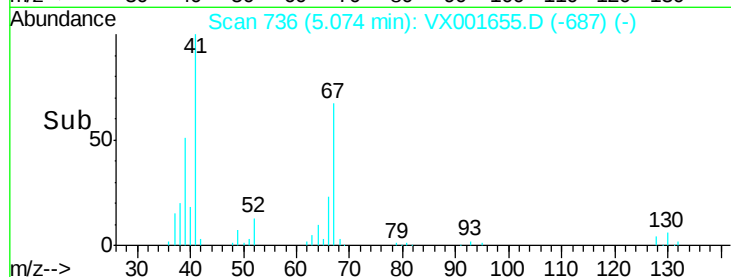


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.47 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001655.D

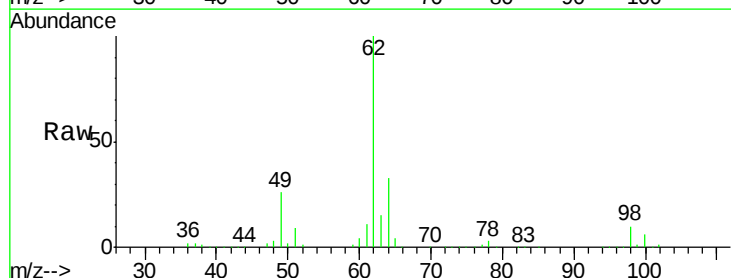
Acq: 11 May 2018 22:22

Tgt Ion: 62 Resp: 228384

Ion Ratio Lower Upper

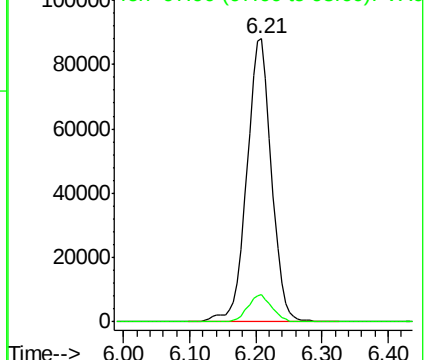
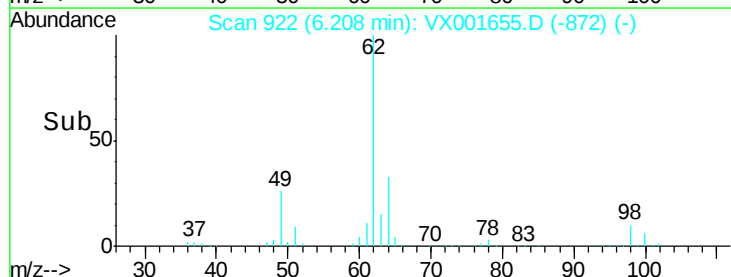
62 100

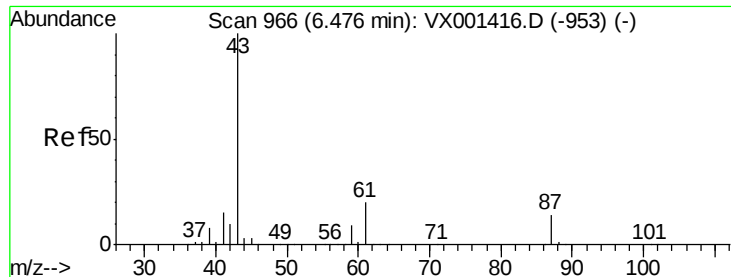
98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.36 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

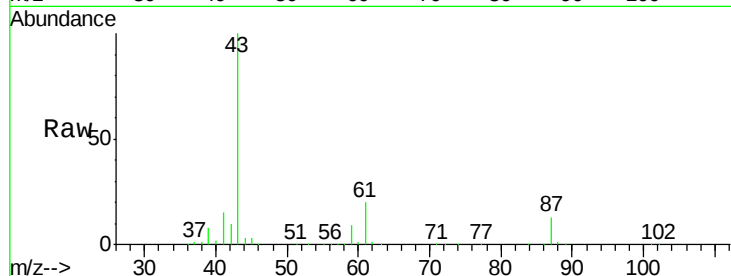
Tgt Ion: 43 Resp: 335310

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

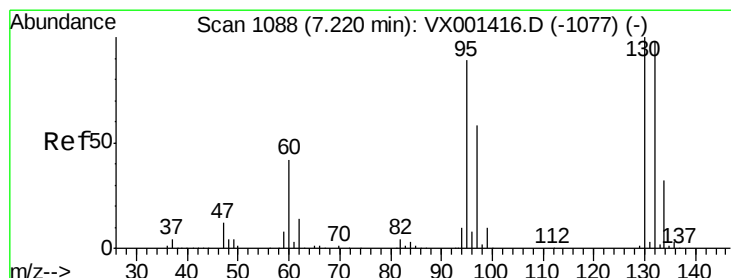
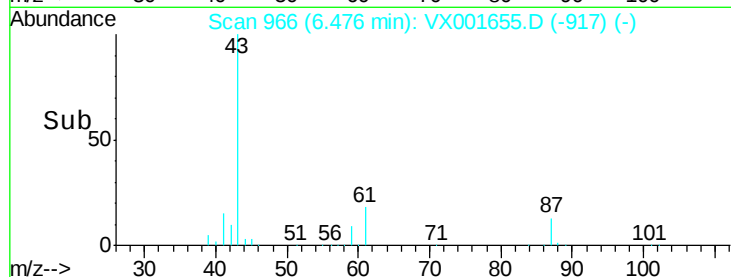
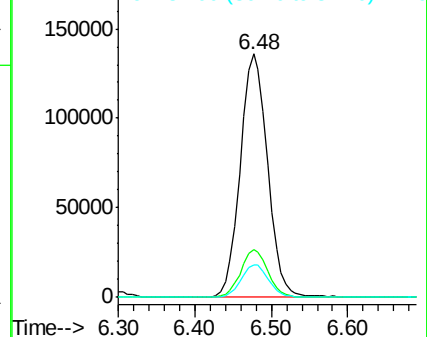
87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 54.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001655.D

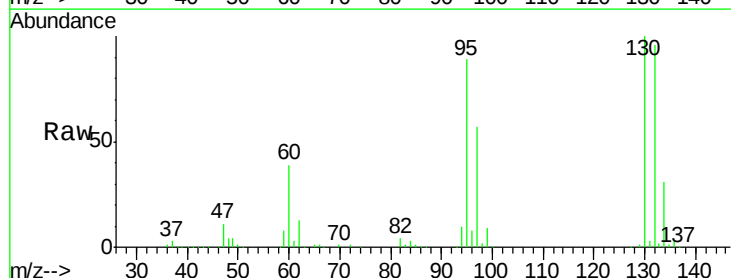
Acq: 11 May 2018 22:22

Tgt Ion: 130 Resp: 181810

Ion Ratio Lower Upper

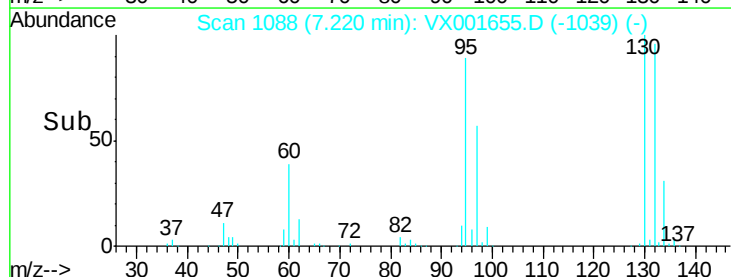
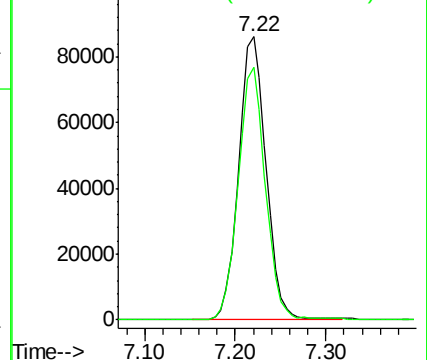
130 100

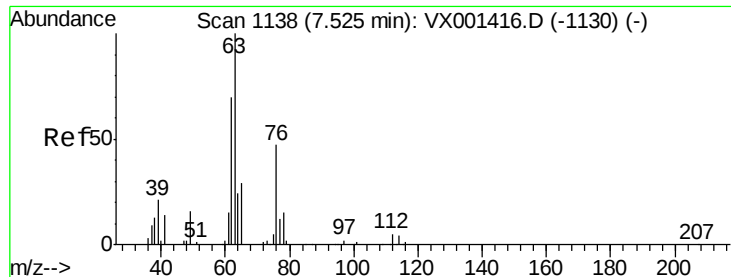
95 89.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.60 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

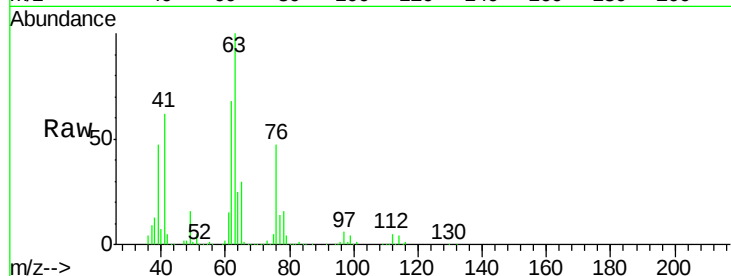
J2741-07MSMS

Tgt Ion: 63 Resp: 151188

Ion Ratio Lower Upper

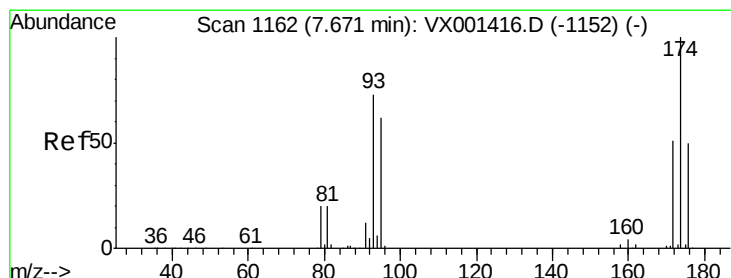
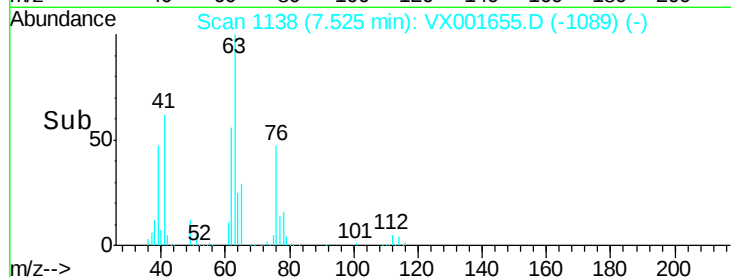
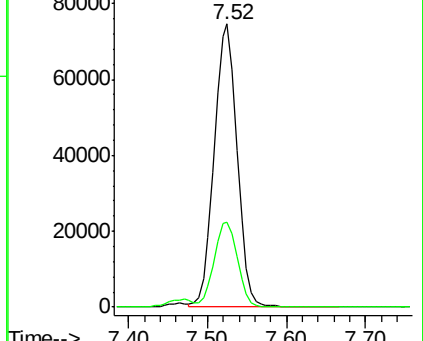
63 100

65 29.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.68 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

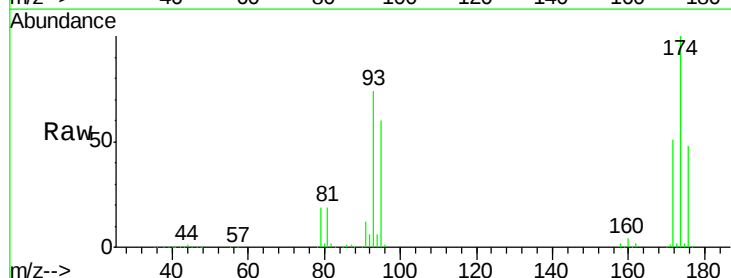
Tgt Ion: 93 Resp: 105273

Ion Ratio Lower Upper

93 100

95 81.1 67.0 100.4

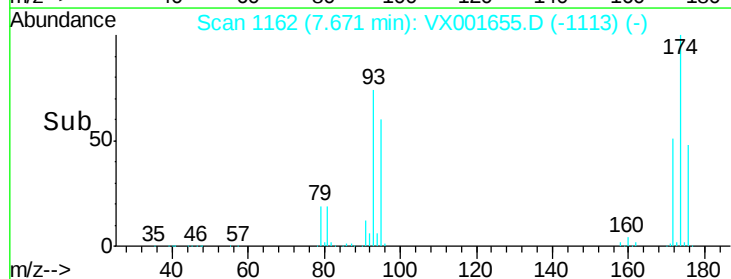
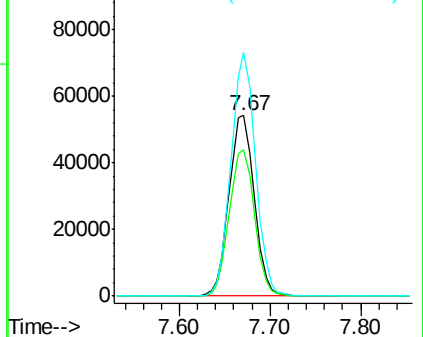
174 130.4 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 58.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

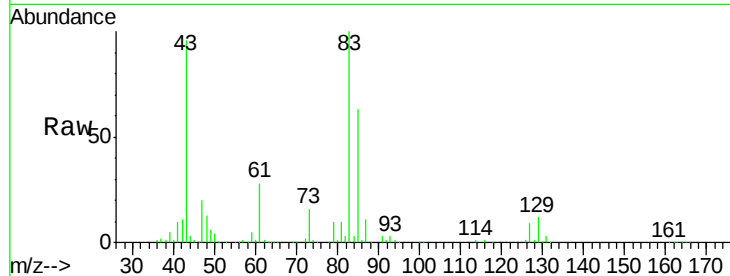
Tgt Ion: 83 Resp: 207327

Ion Ratio Lower Upper

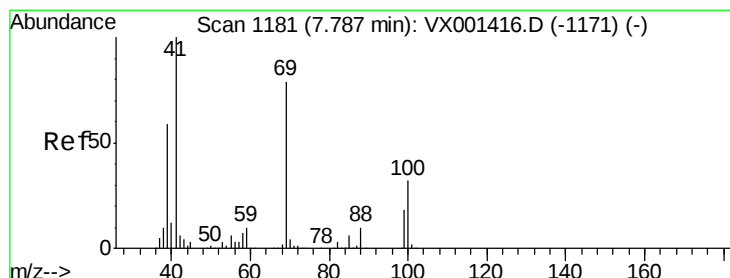
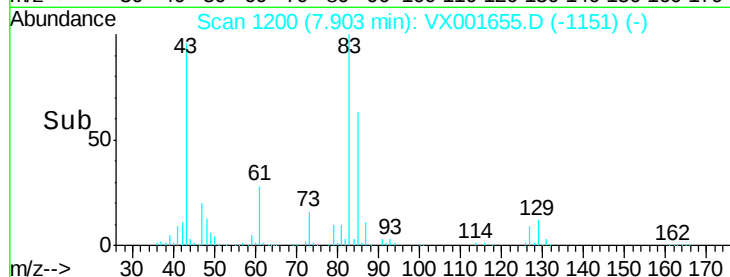
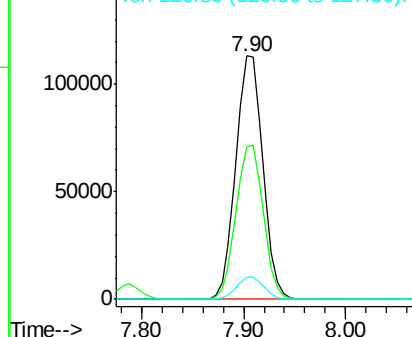
83 100

85 62.9 51.0 76.6

127 8.9 7.4 11.2



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: 54.45 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

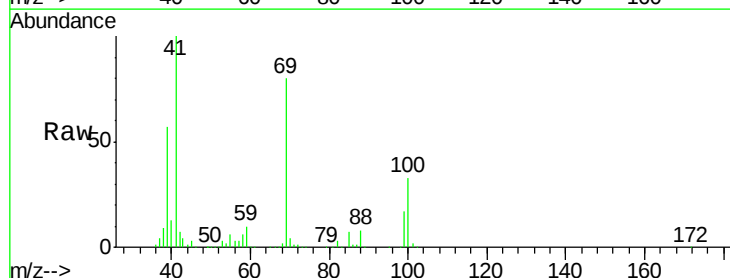
Tgt Ion: 41 Resp: 186308

Ion Ratio Lower Upper

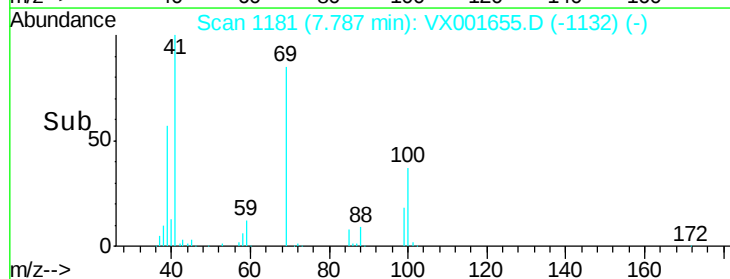
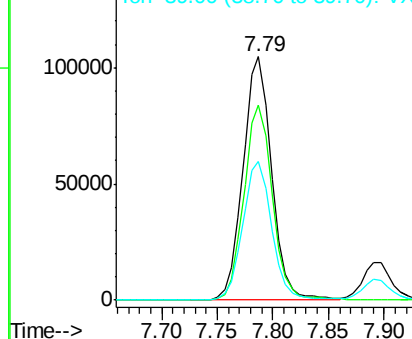
41 100

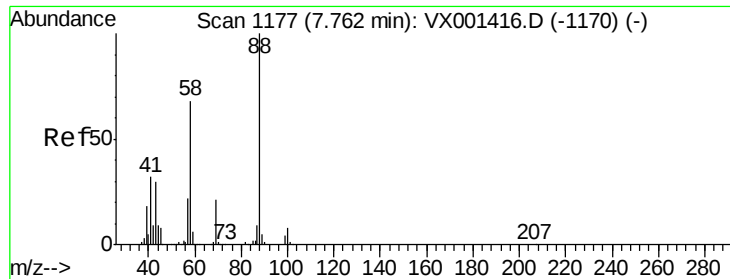
69 80.5 63.4 95.2

39 57.8 47.0 70.4



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

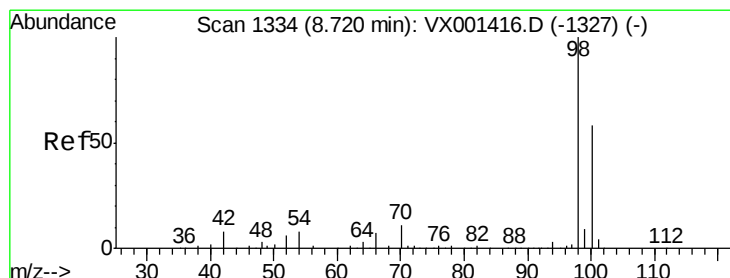
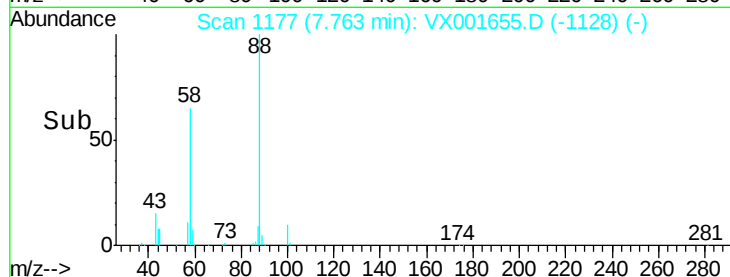
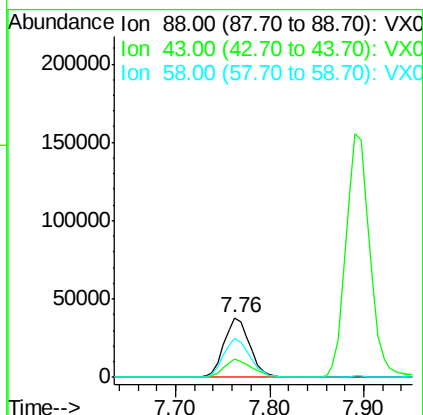
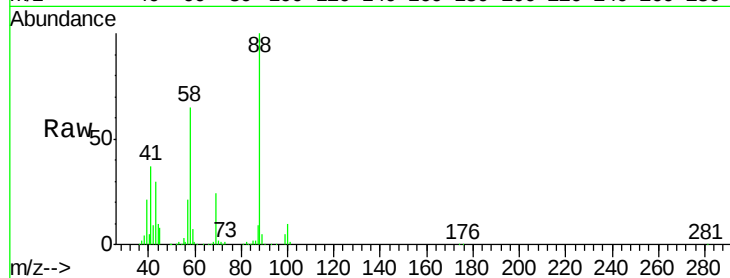




#49
1,4-Dioxane
Concen: 967.14 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

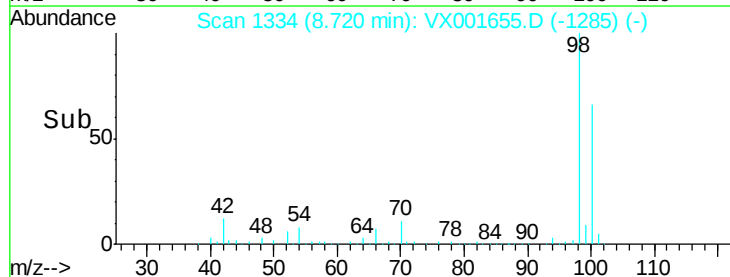
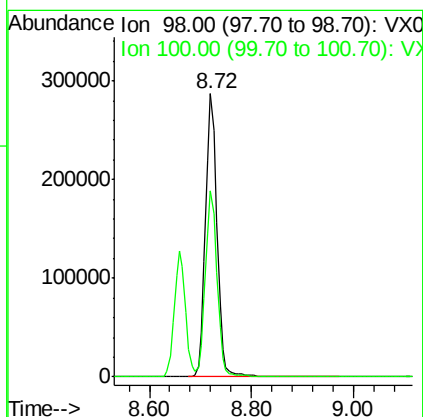
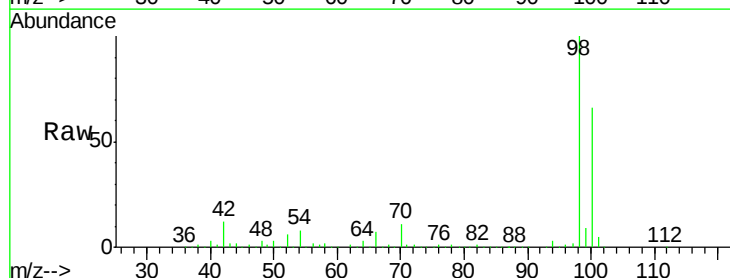
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

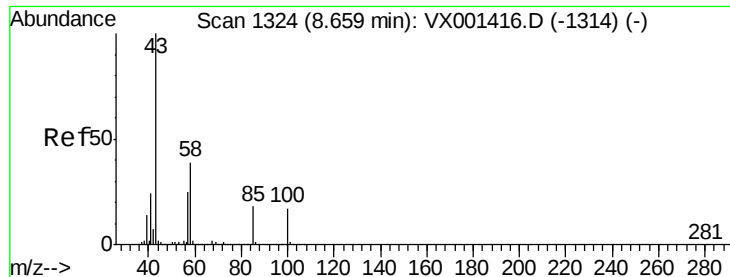
Tgt Ion: 88 Resp: 71501
Ion Ratio Lower Upper
88 100
43 33.7 26.4 39.6
58 67.9 54.1 81.1



#50
Toluene-d8
Concen: 47.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion: 98 Resp: 449490
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0

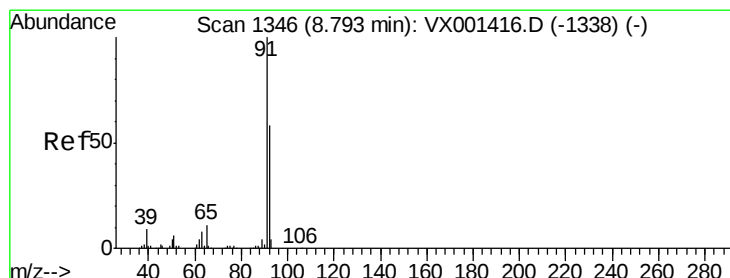
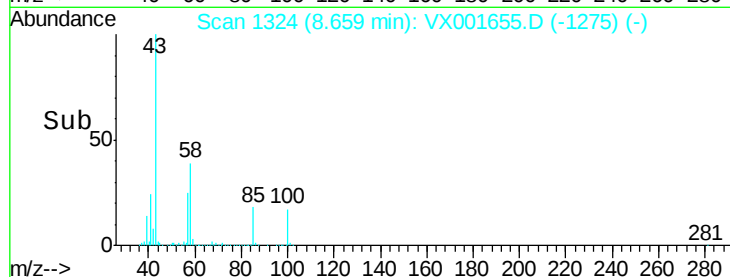
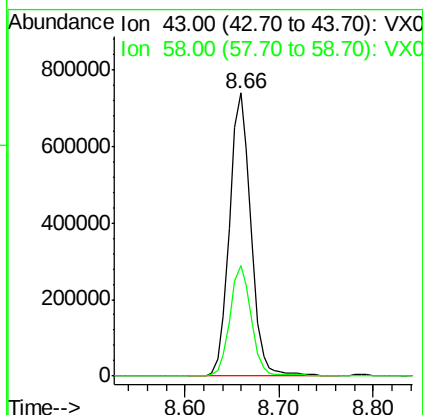
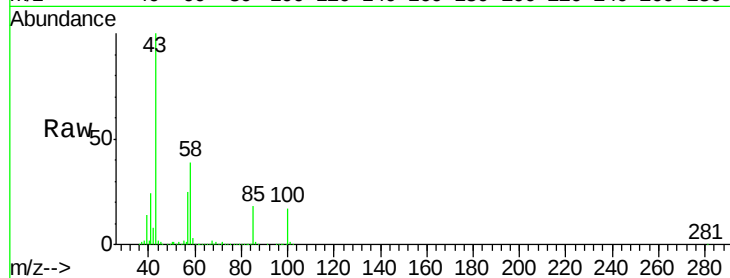




#51
 4-Methyl-2-Pentanone
 Concen: 279.11 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

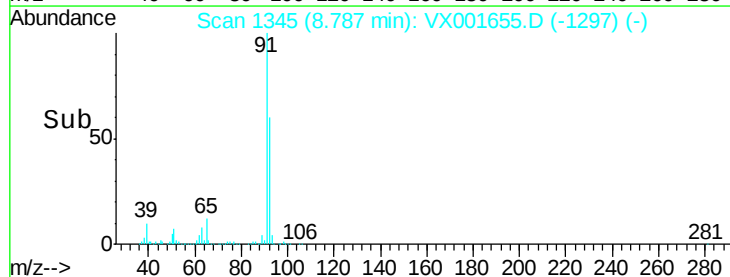
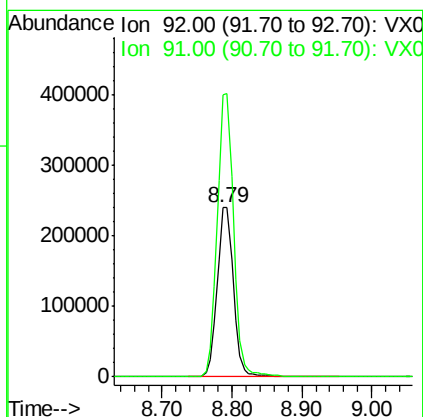
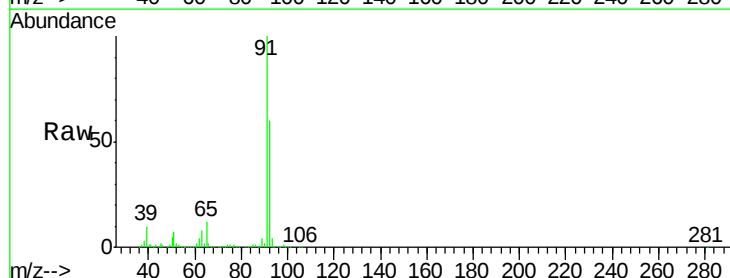
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

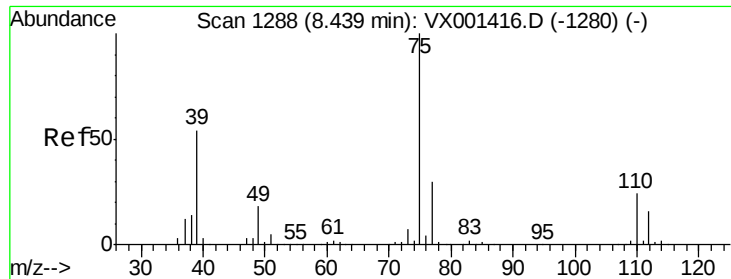
Tgt Ion: 43 Resp: 1165569
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.8 46.2



#52
 Toluene
 Concen: 54.71 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 92 Resp: 390223
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.2 202.8

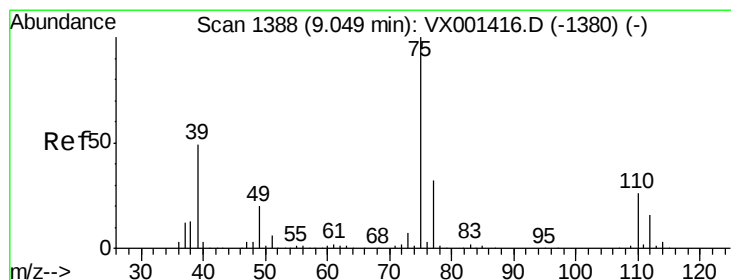
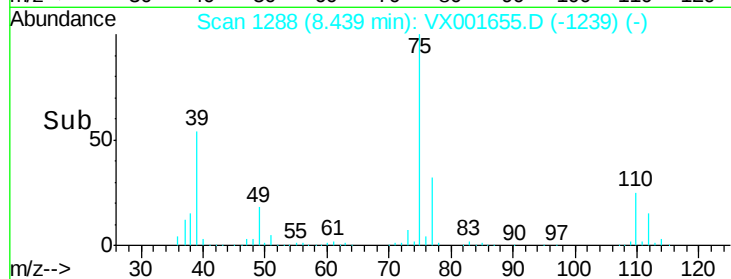
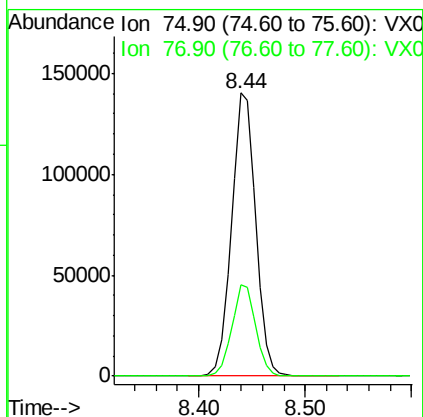
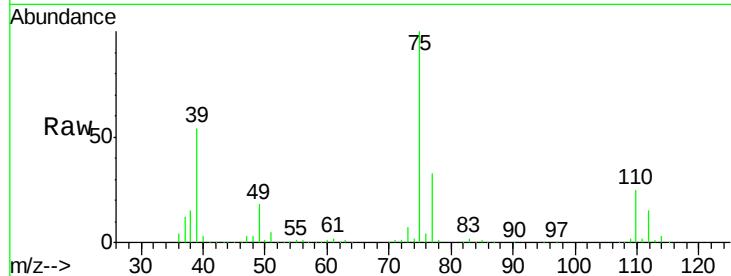




#53
t-1,3-Dichloropropene
Concen: 55.43 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

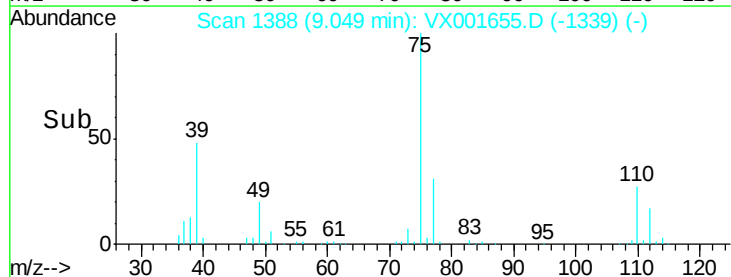
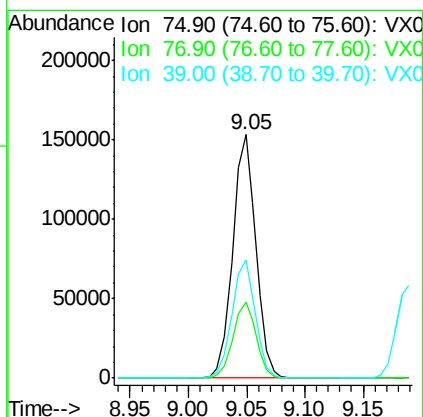
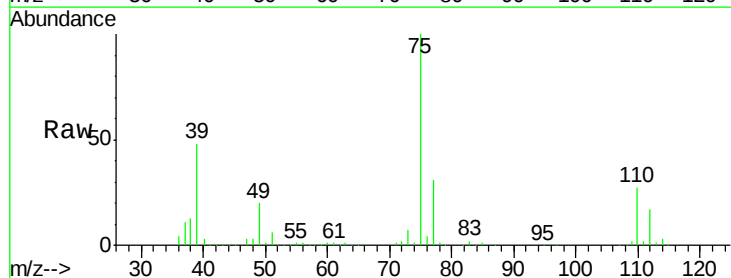
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Tgt Ion: 75 Resp: 223178
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 50.83 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion: 75 Resp: 211767
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 48.2 38.9 58.3

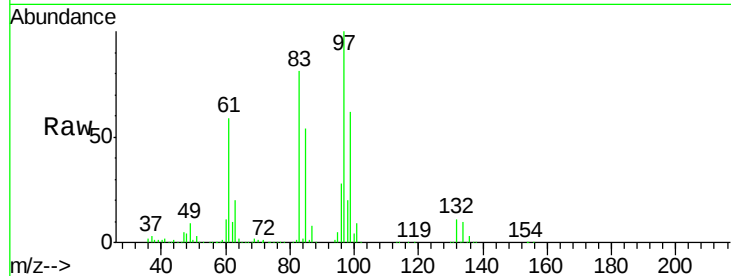




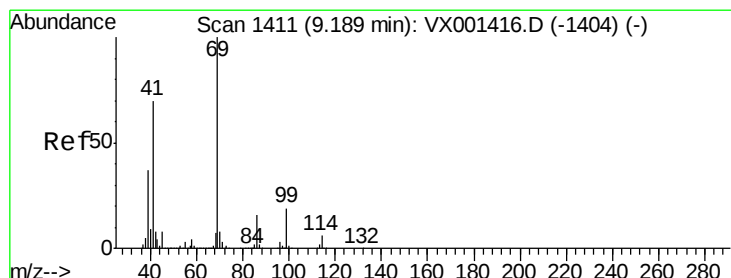
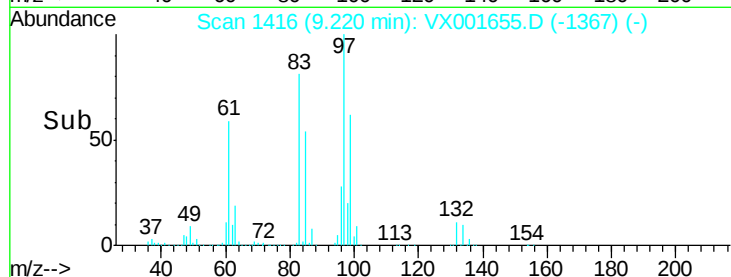
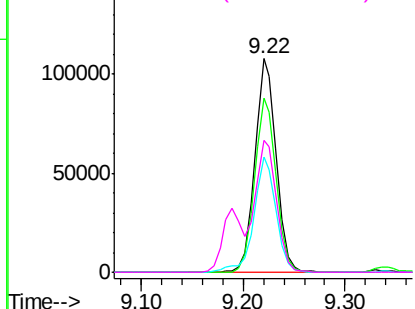
#55
 1,1,2-Trichloroethane
 Concen: 54.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

Tgt Ion:	97	Resp:	158018
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.4	101.0
85	54.0	43.3	64.9
99	61.6	52.5	78.7

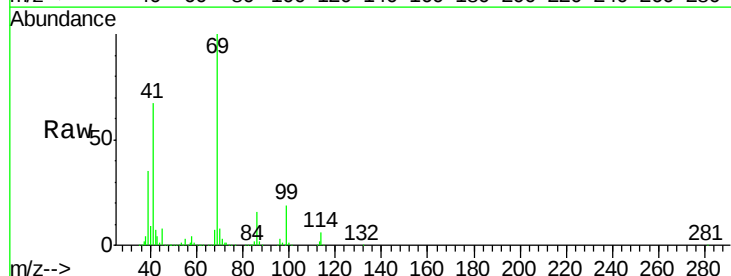


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

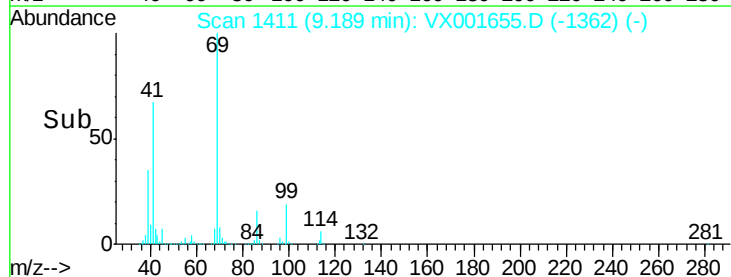
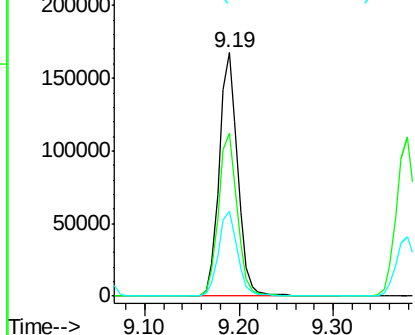


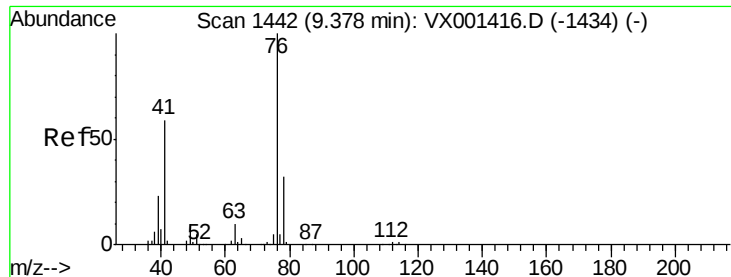
#56
 Ethyl methacrylate
 Concen: 54.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion:	69	Resp:	227373
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.1	82.7
39	35.9	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 54.50 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

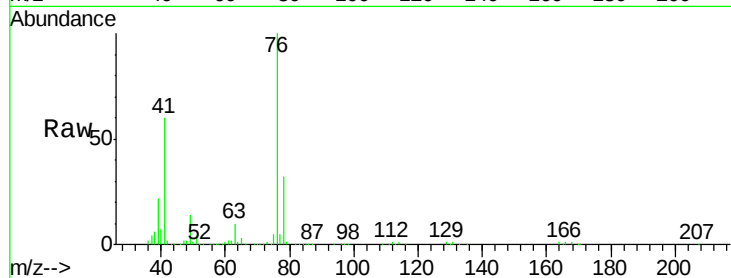
J2741-07MSMS

Tgt Ion: 76 Resp: 258927

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

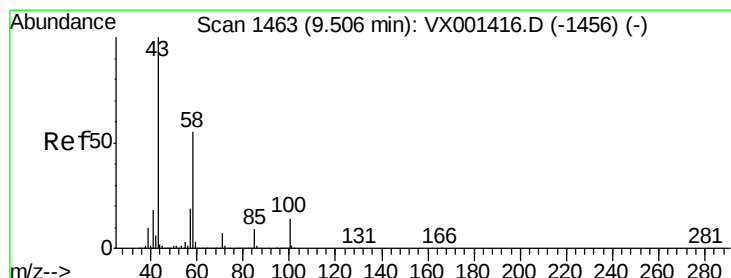
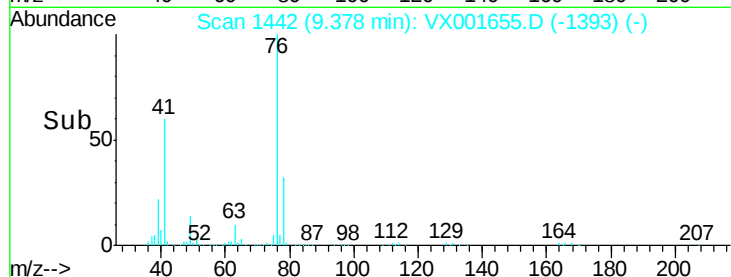
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 266.33 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001655.D

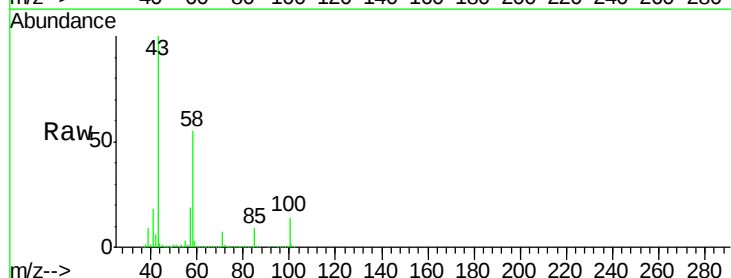
Acq: 11 May 2018 22:22

Tgt Ion: 43 Resp: 851678

Ion Ratio Lower Upper

43 100

58 54.4 27.1 81.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

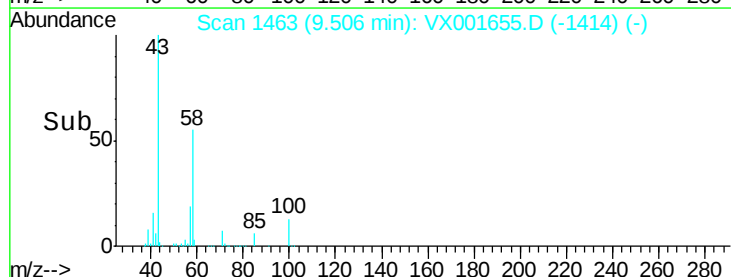
600000

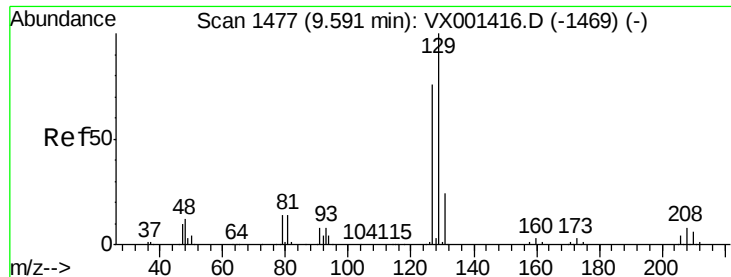
400000

200000

0

Time-->

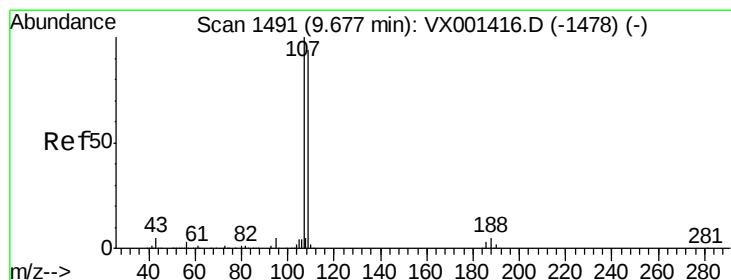
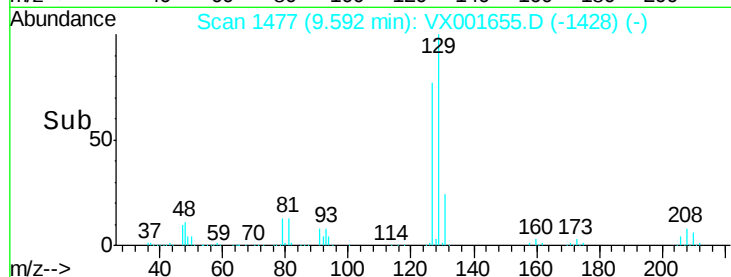
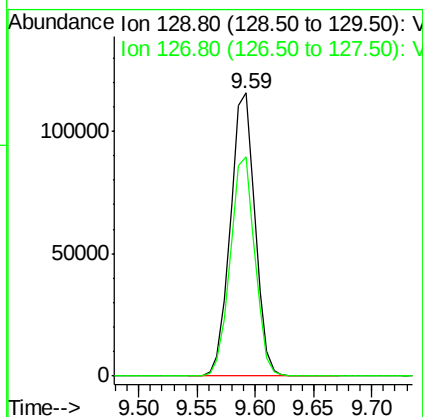
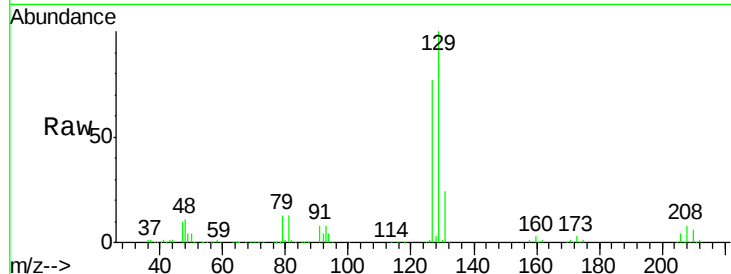




#60
 Dibromochloromethane
 Concen: 57.92 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

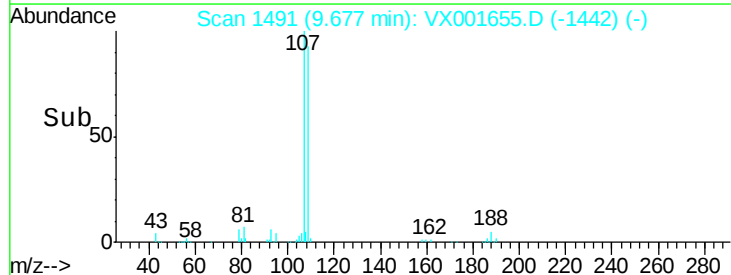
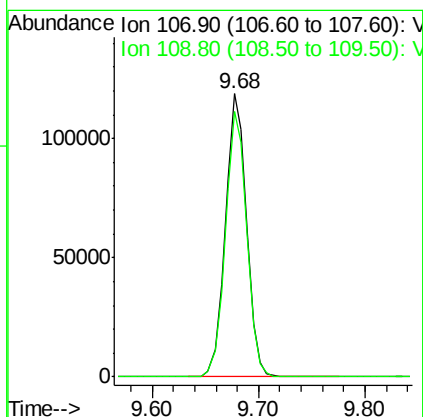
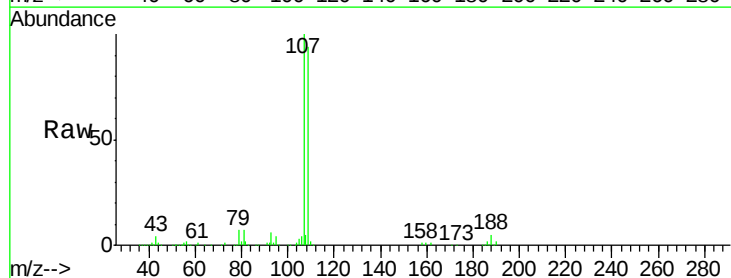
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

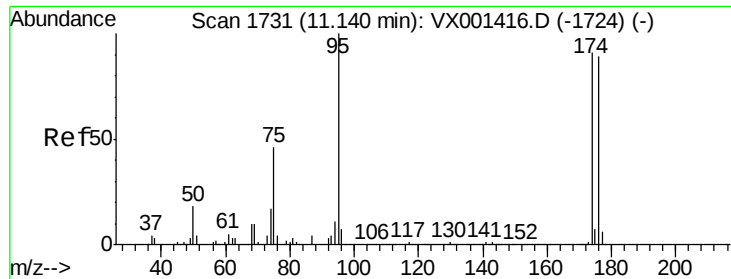
Tgt Ion:129 Resp: 170445
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.1 114.5



#61
 1,2-Dibromoethane
 Concen: 54.62 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion:107 Resp: 164802
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 46.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

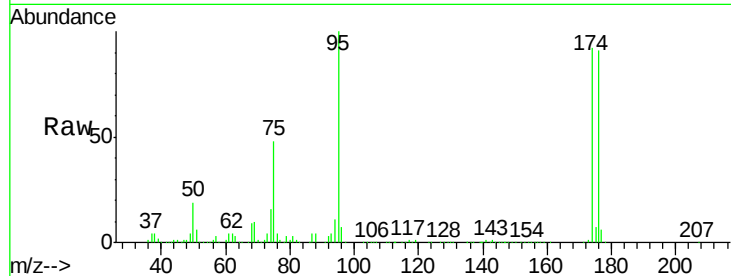
Tgt Ion: 95 Resp: 168611

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

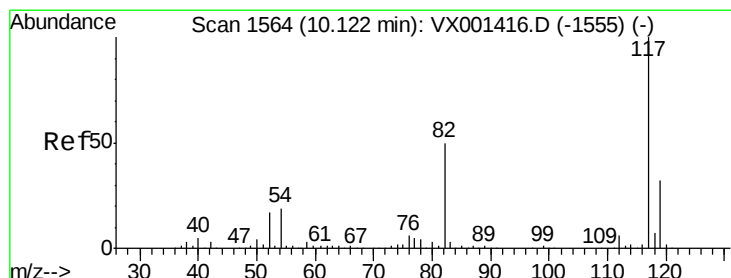
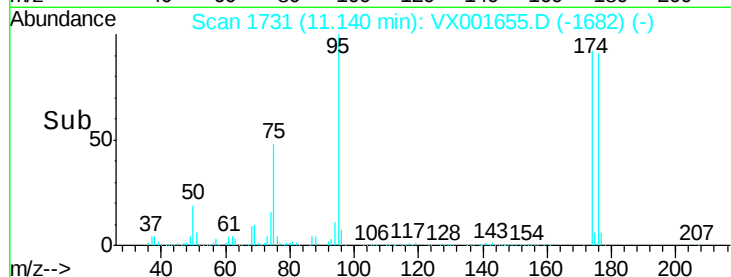
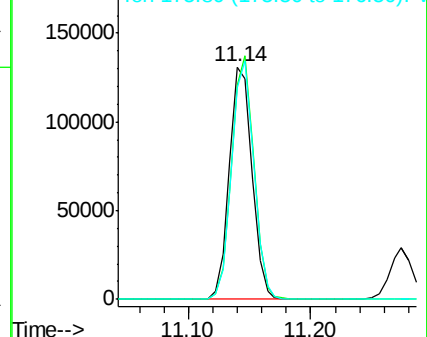
176 100.1 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

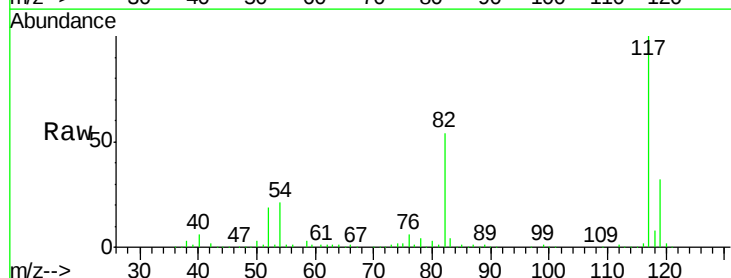
Tgt Ion: 117 Resp: 275348

Ion Ratio Lower Upper

117 100

82 53.9 40.0 60.0

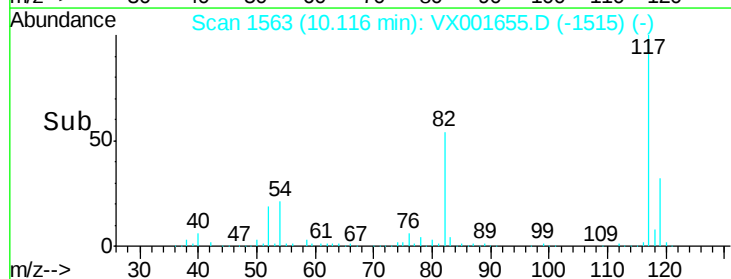
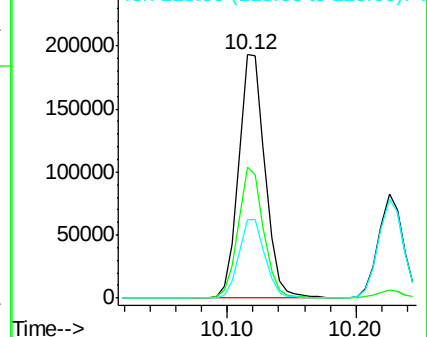
119 32.5 25.8 38.8

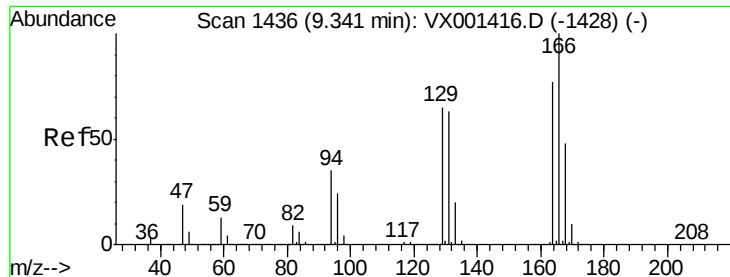


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

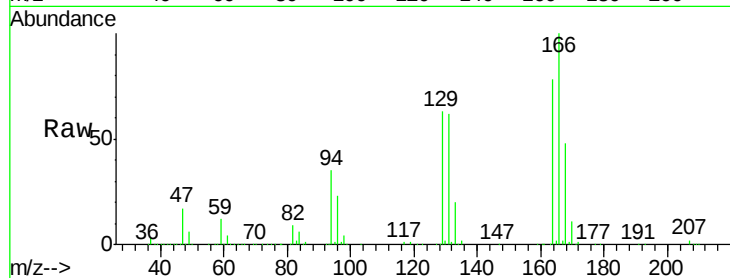




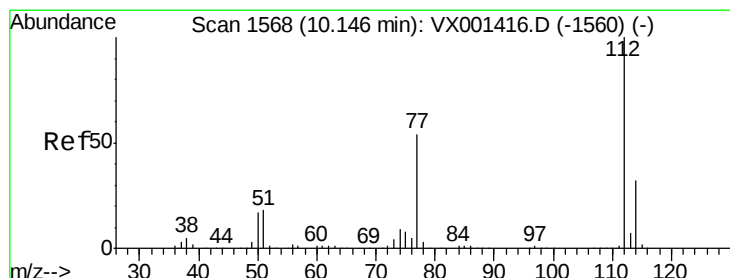
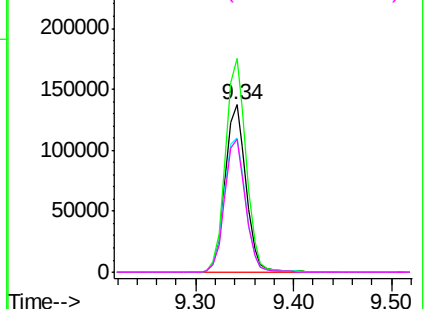
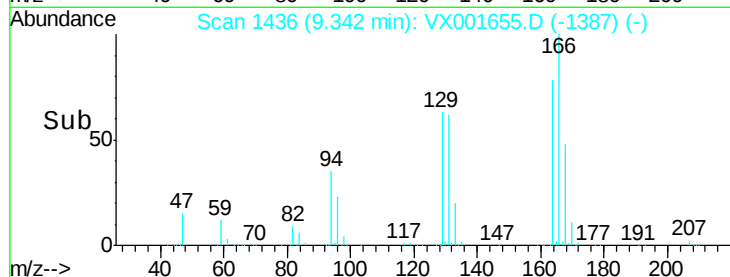
#64
Tetrachloroethene
Concen: 52.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Tgt Ion:164 Resp: 202437
Ion Ratio Lower Upper
164 100
166 127.5 103.5 155.3
129 80.7 66.7 100.1
131 79.3 64.9 97.3

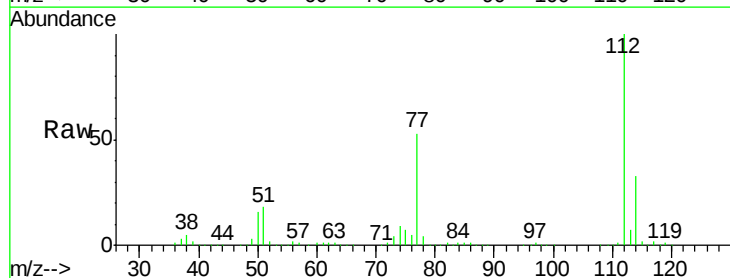


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

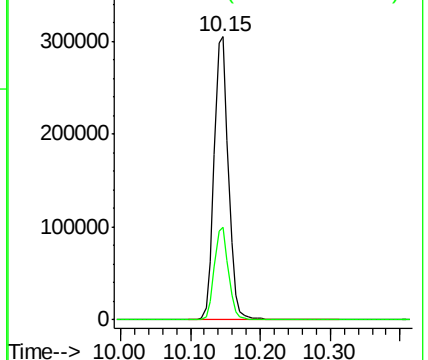
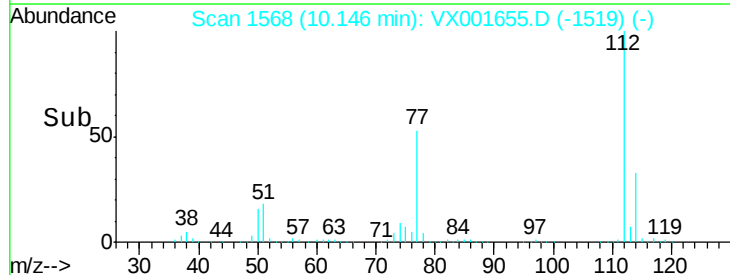


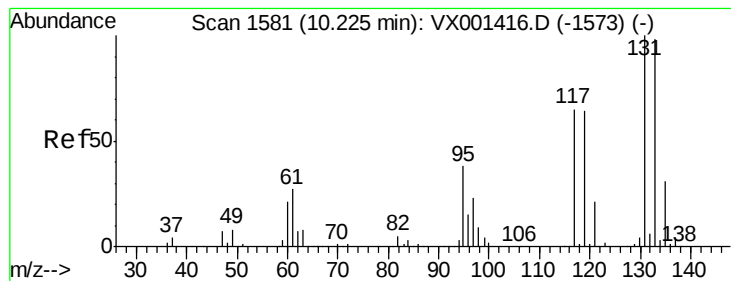
#65
Chlorobenzene
Concen: 54.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion:112 Resp: 436288
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



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: 58.07 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

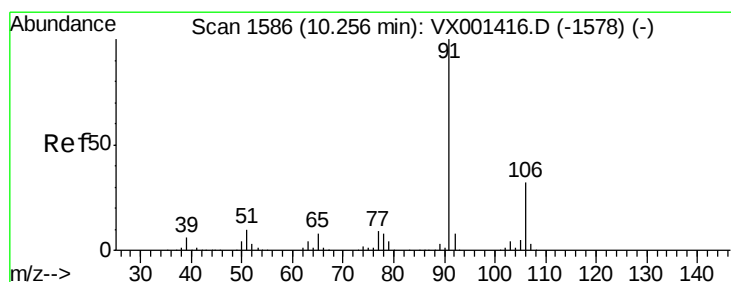
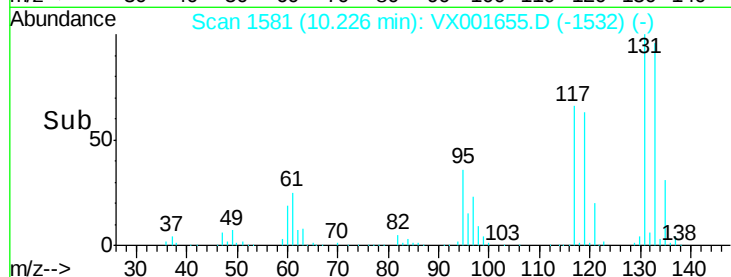
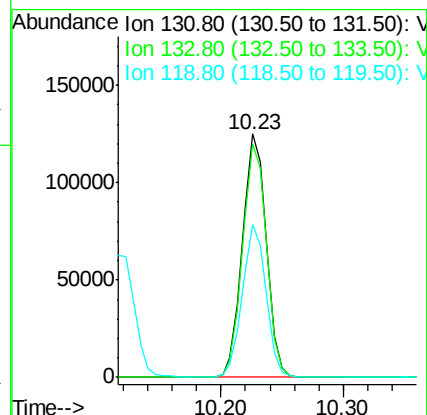
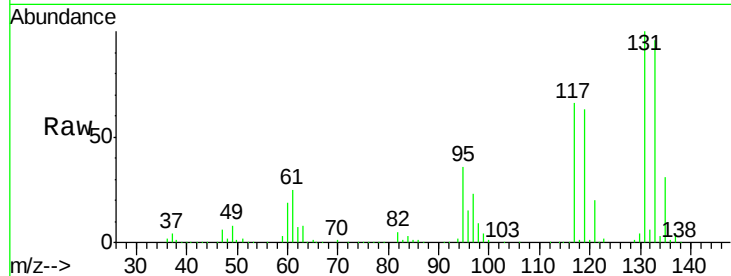
Tgt Ion:131 Resp: 167728

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.8

119 62.1 31.1 93.3



#67

Ethyl Benzene

Concen: 54.31 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001655.D

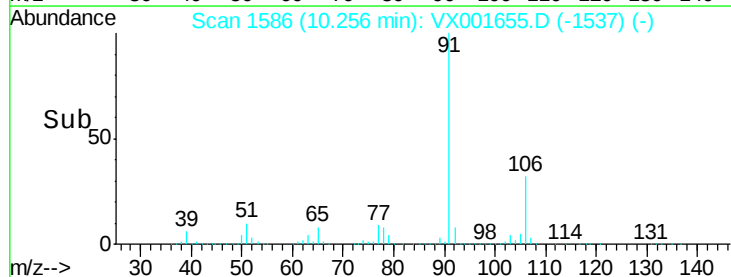
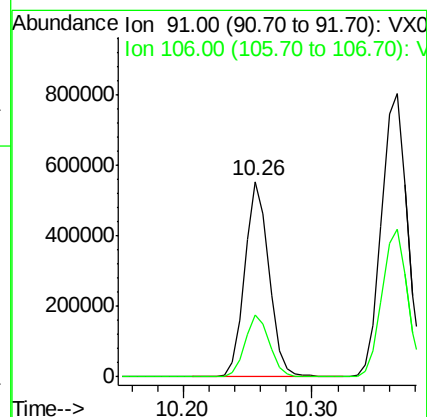
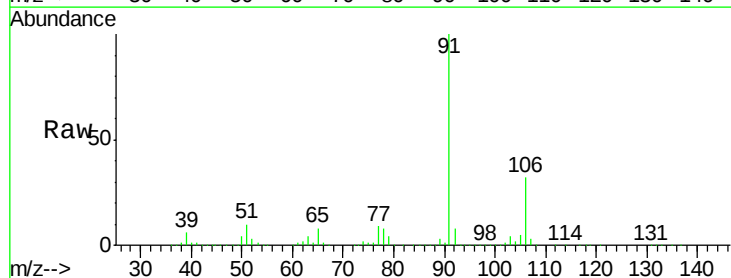
Acq: 11 May 2018 22:22

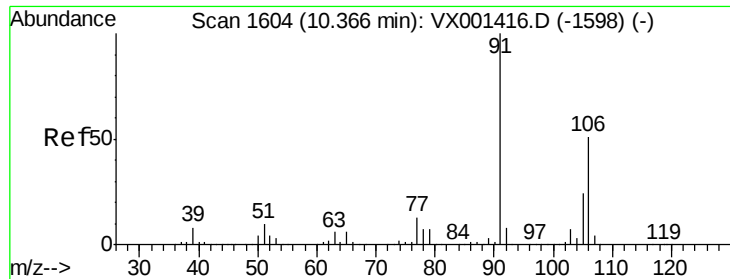
Tgt Ion: 91 Resp: 718827

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3

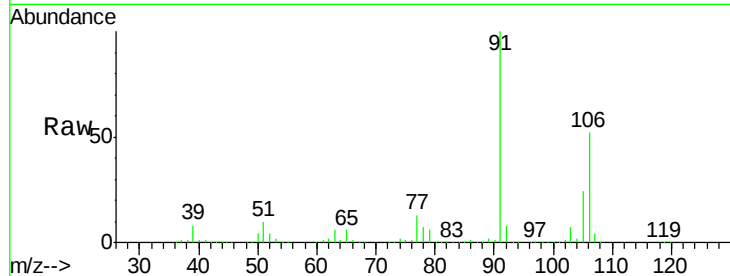




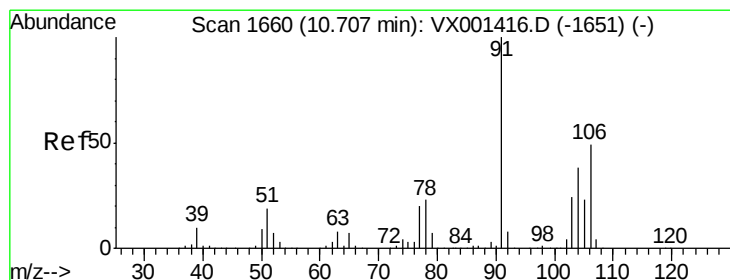
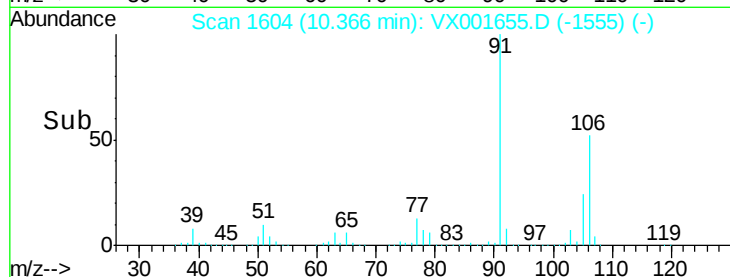
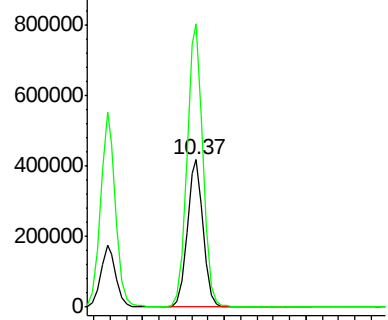
#68
m/p-Xylenes
Concen: 109.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Tgt Ion:106 Resp: 574552
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3

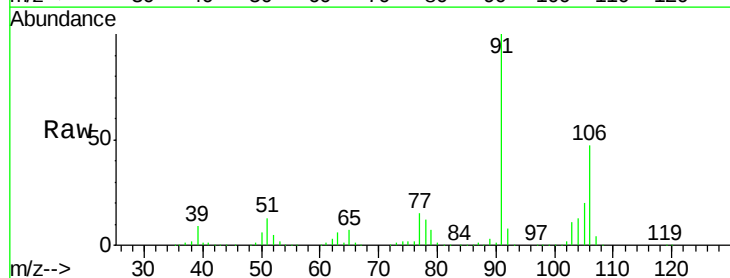


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

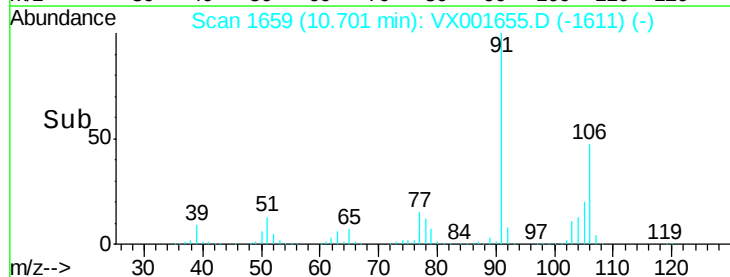
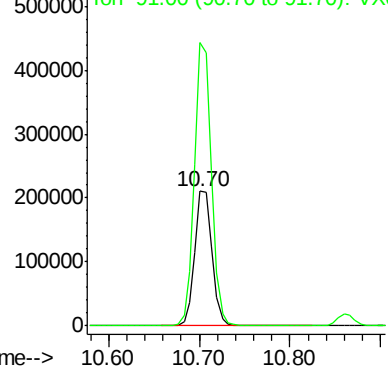


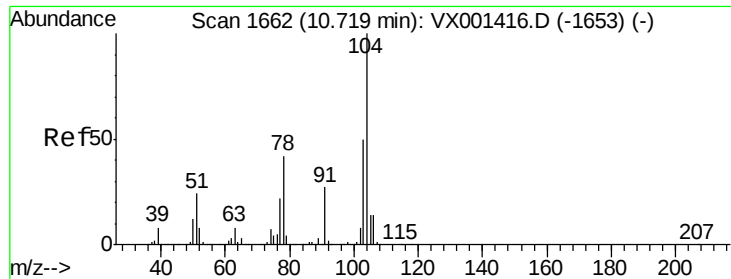
#69
o-Xylene
Concen: 55.18 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion:106 Resp: 280453
Ion Ratio Lower Upper
106 100
91 206.7 103.1 309.1



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





#70

Styrene

Concen: 56.21 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

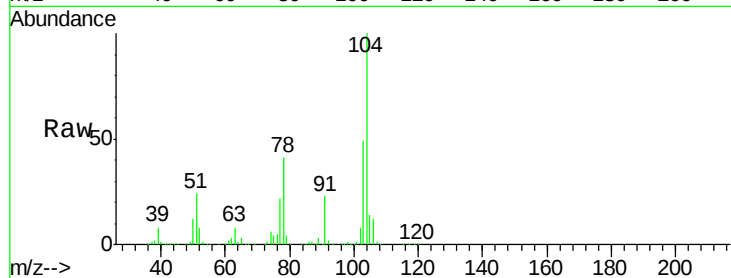
Tgt Ion:104 Resp: 464173

Ion Ratio Lower Upper

104 100

78 47.2 38.6 58.0

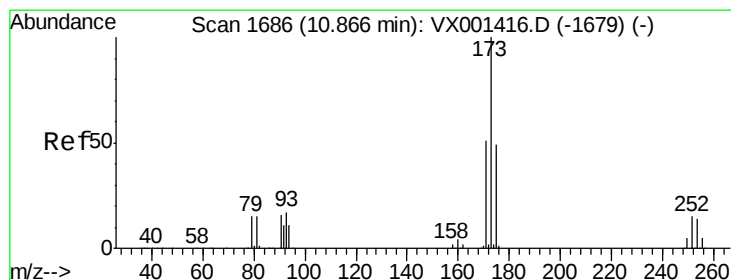
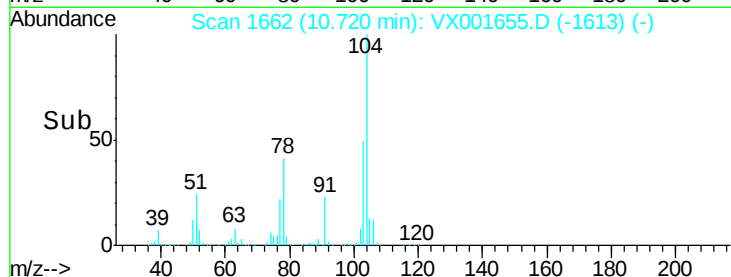
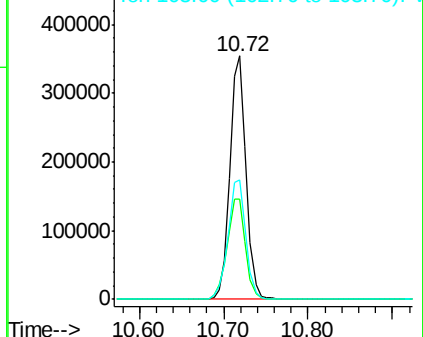
103 54.4 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.86 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

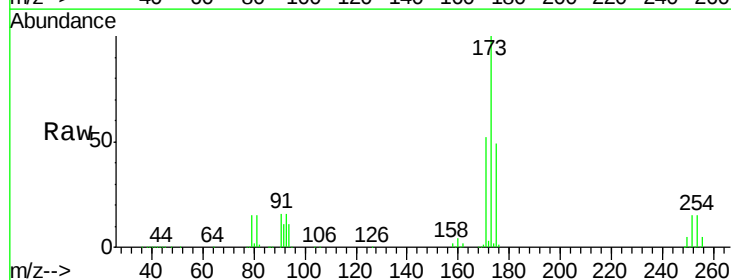
Tgt Ion:173 Resp: 138487

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

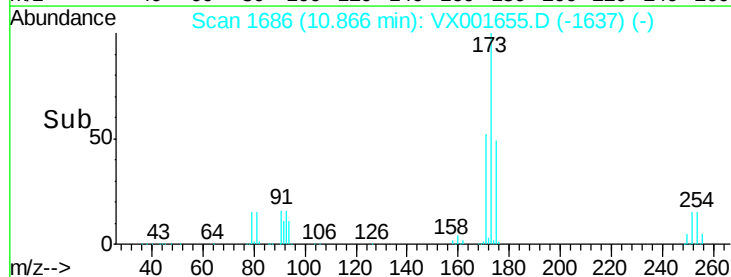
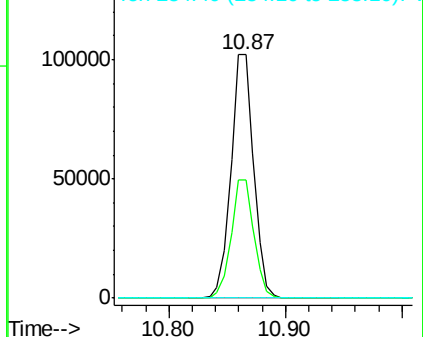
254 0.2 0.2 0.2

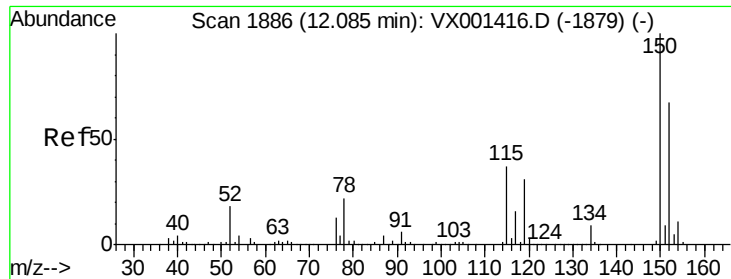


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

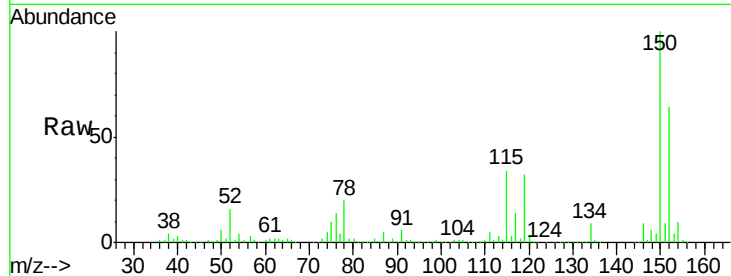
Tgt Ion:152 Resp: 196006

Ion Ratio Lower Upper

152 100

115 77.9 37.7 113.1

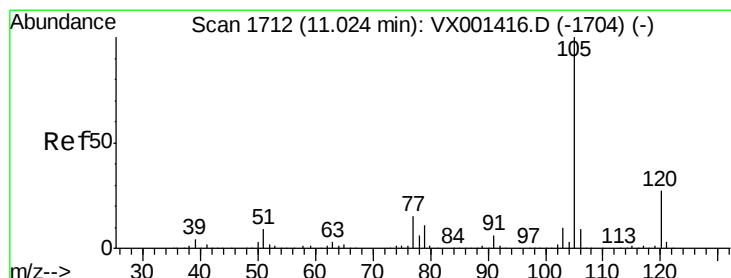
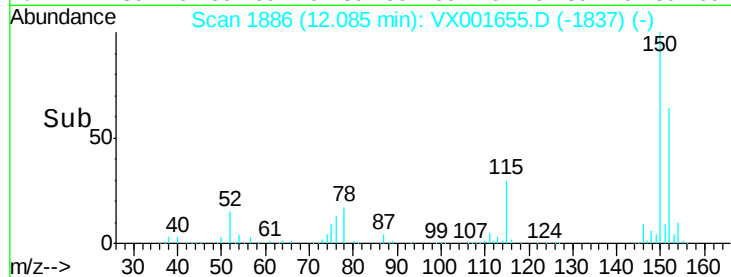
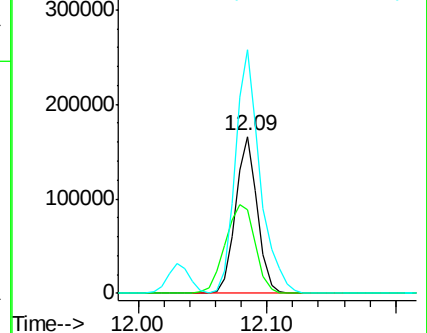
150 176.5 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 55.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001655.D

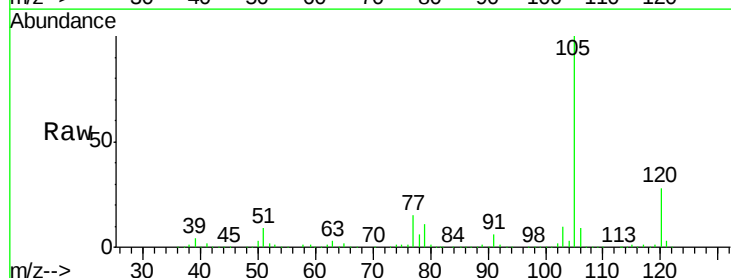
Acq: 11 May 2018 22:22

Tgt Ion:105 Resp: 751548

Ion Ratio Lower Upper

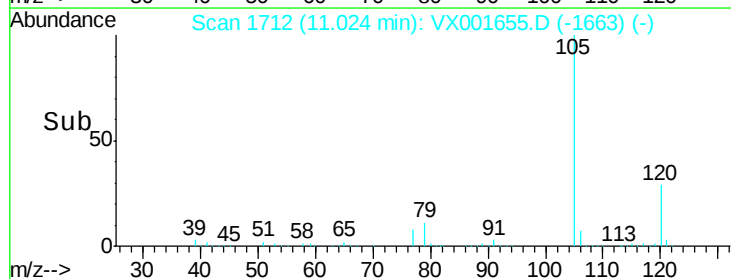
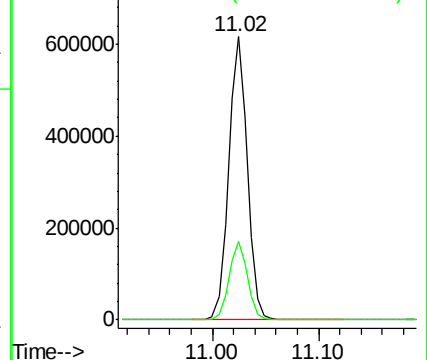
105 100

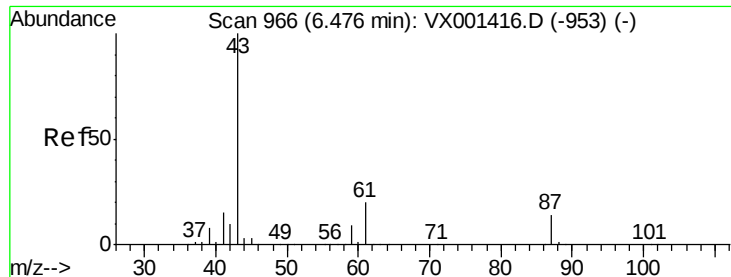
120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 54.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

Tgt Ion: 43 Resp: 335310

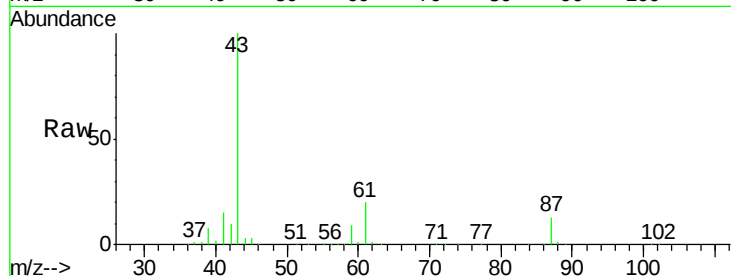
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.6 15.4 23.0

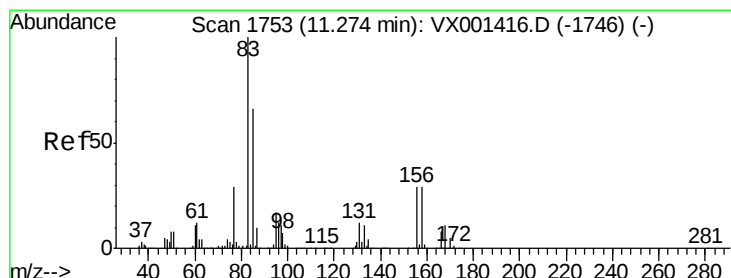
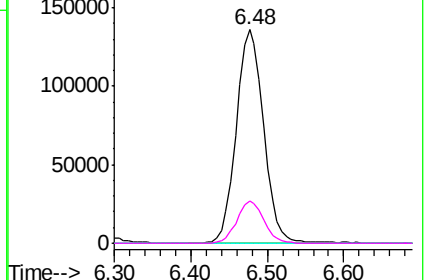
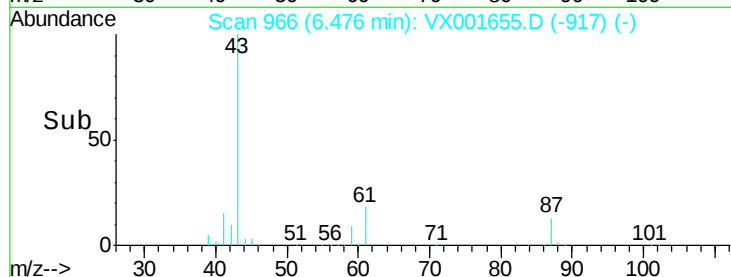


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 57.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

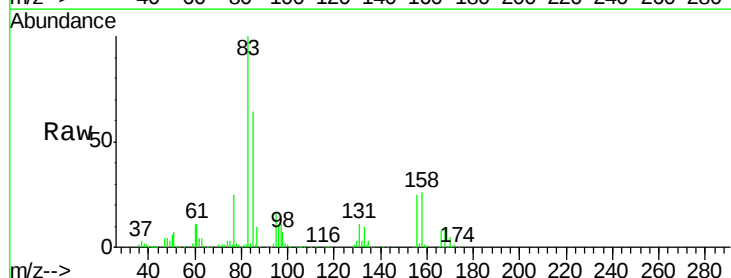
Tgt Ion: 83 Resp: 229984

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

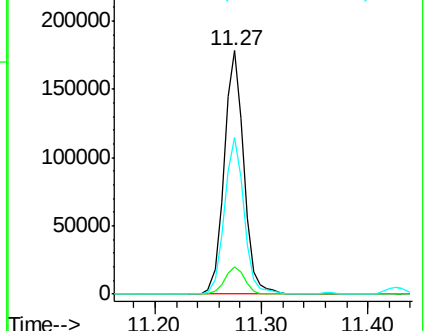
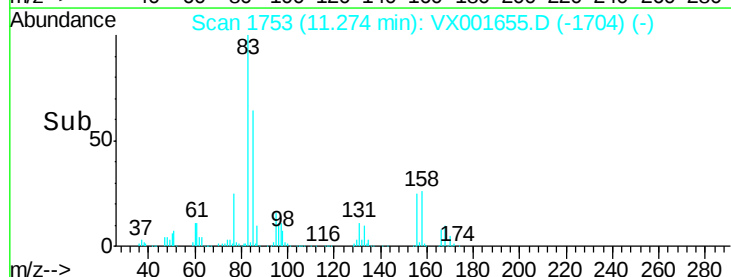
85 64.5 32.7 98.1

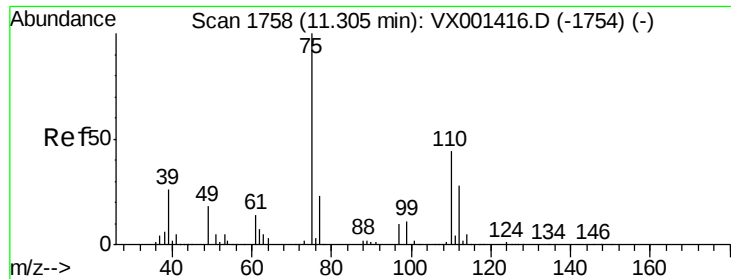


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 66.40 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

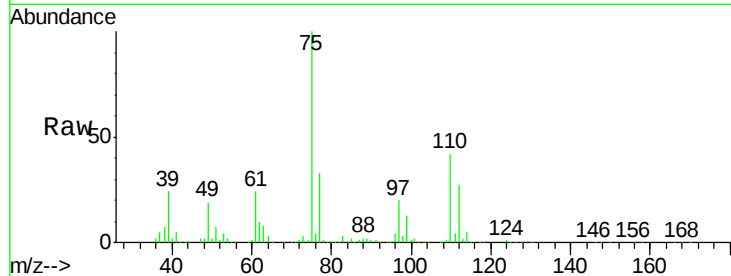
J2741-07MSMS

Tgt Ion: 75 Resp: 263969

Ion Ratio Lower Upper

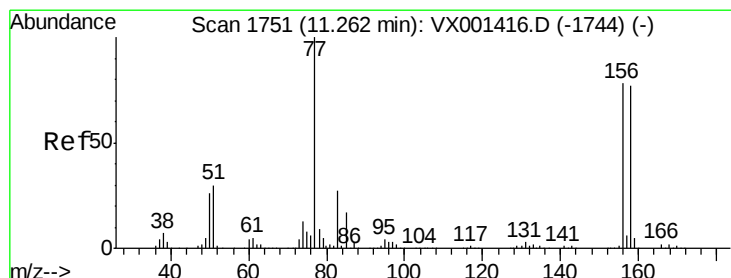
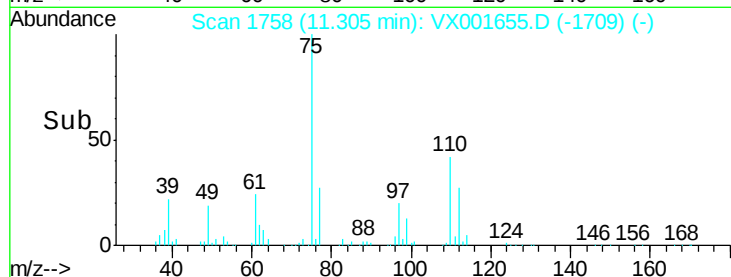
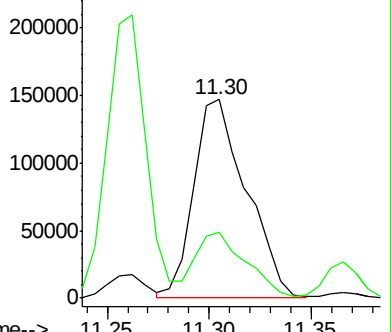
75 100

77 30.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX001416.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX001416.D (-1754) (-)



#77

Bromobenzene

Concen: 54.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

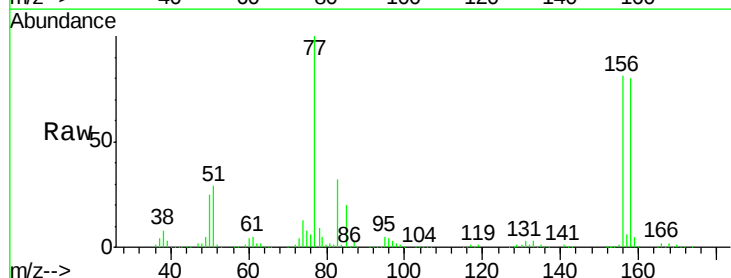
Tgt Ion: 156 Resp: 213442

Ion Ratio Lower Upper

156 100

77 131.2 66.0 198.2

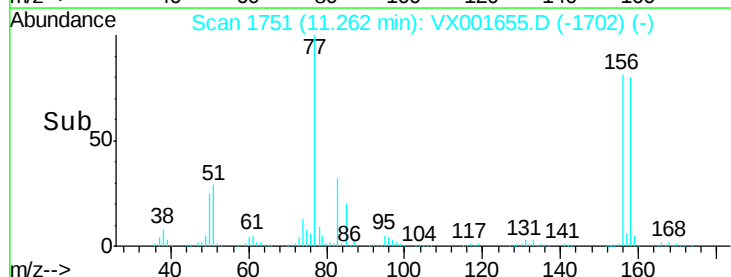
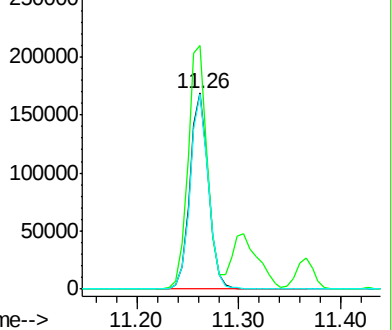
158 98.3 49.4 148.2

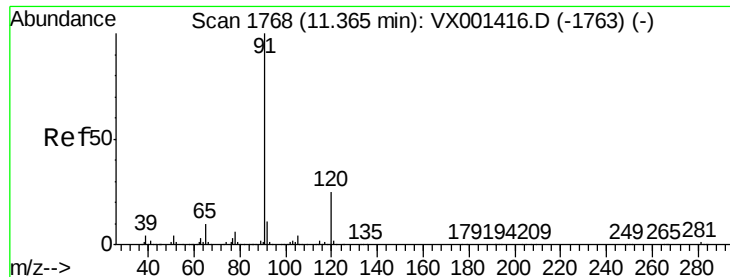


Abundance Ion 155.80 (155.50 to 156.50): VX001416.D (-1744) (-)

Ion 77.00 (76.70 to 77.70): VX001416.D (-1744) (-)

Ion 157.80 (157.50 to 158.50): VX001416.D (-1744) (-)





#78

n-propylbenzene

Concen: 55.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

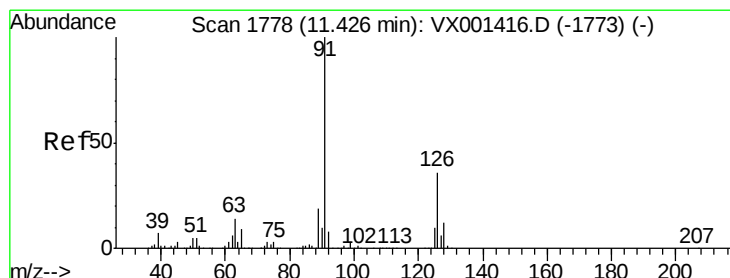
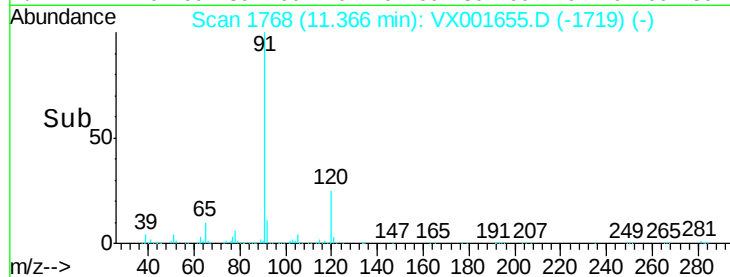
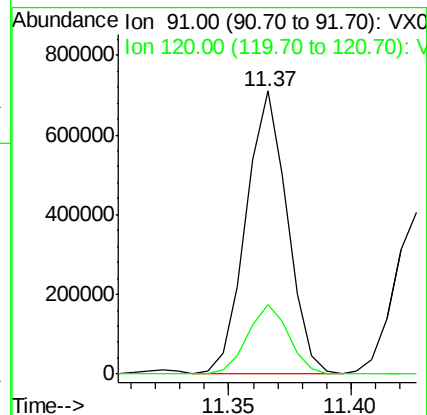
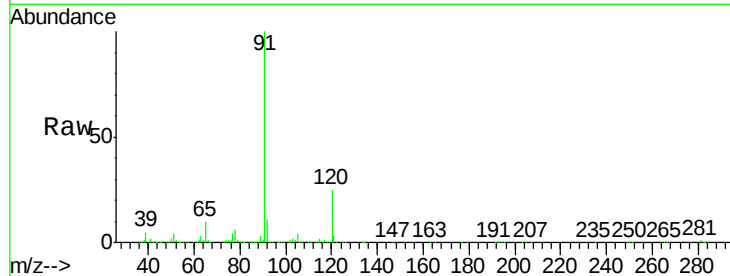
J2741-07MSMS

Tgt Ion: 91 Resp: 826827

Ion Ratio Lower Upper

91 100

120 24.7 12.5 37.5



#79

2-Chlorotoluene

Concen: 54.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001655.D

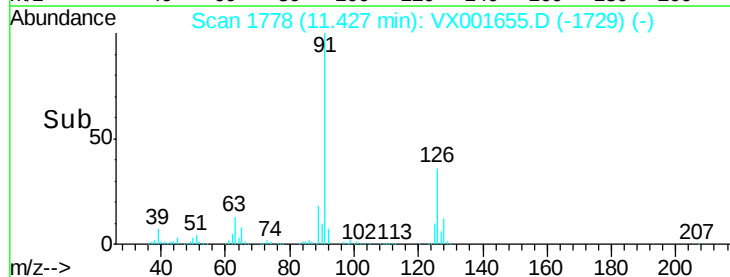
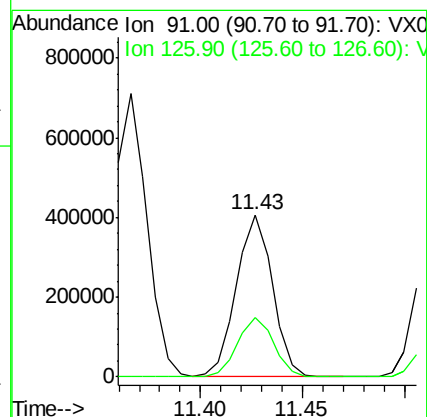
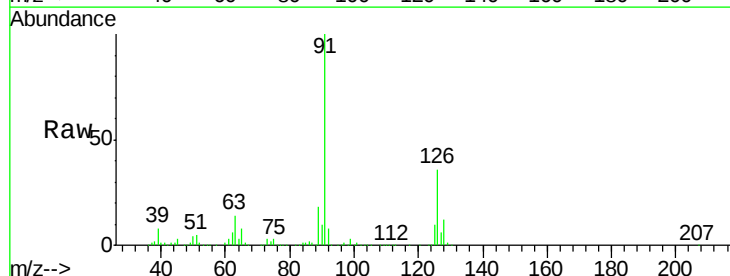
Acq: 11 May 2018 22:22

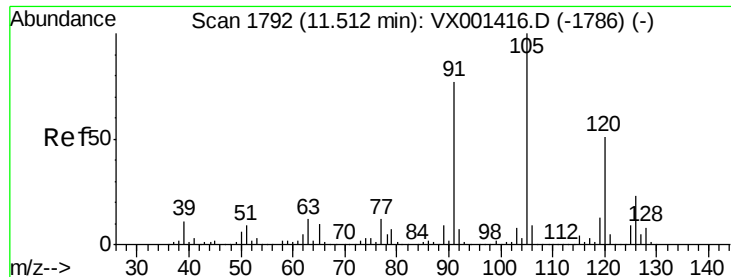
Tgt Ion: 91 Resp: 496009

Ion Ratio Lower Upper

91 100

126 37.1 18.1 54.4

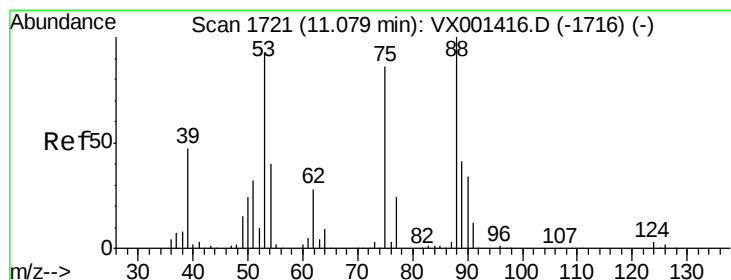
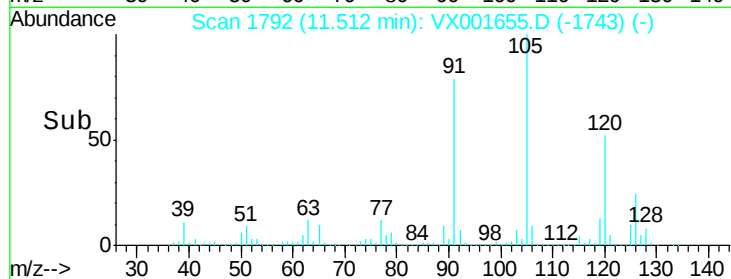
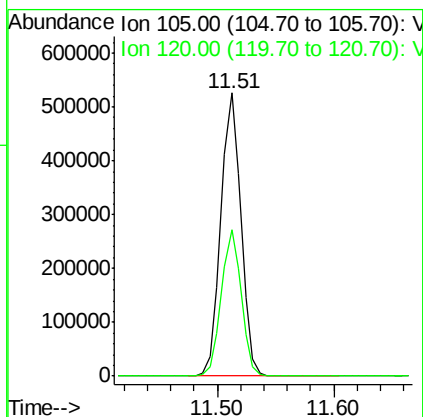
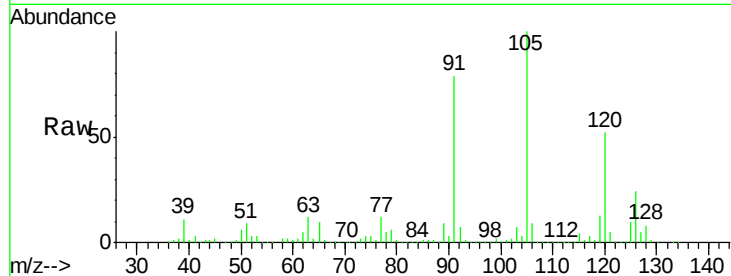




#80
 1,3,5-Trimethylbenzene
 Concen: 55.18 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

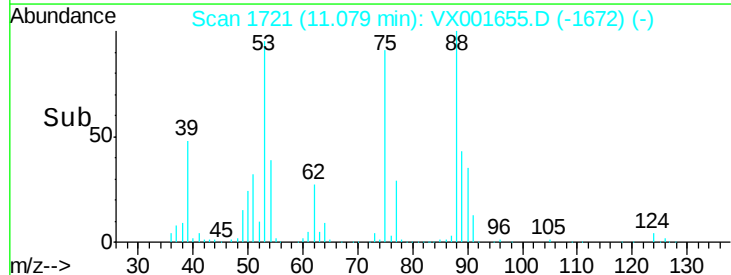
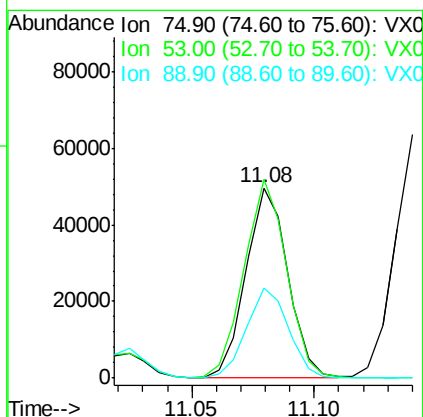
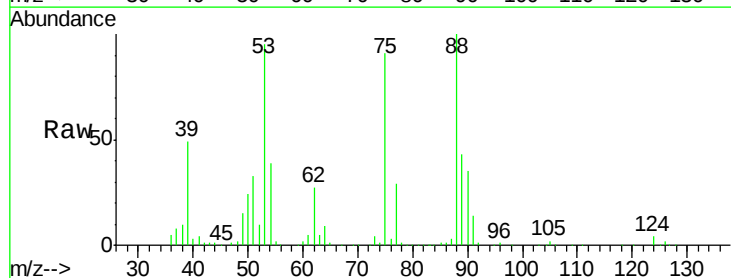
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

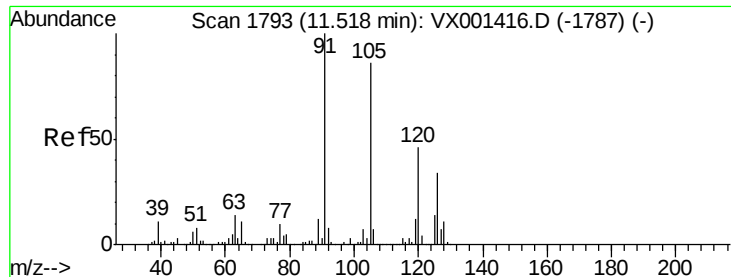
Tgt Ion: 105 Resp: 623356
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.46 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 75 Resp: 58878
 Ion Ratio Lower Upper
 75 100
 53 106.1 84.5 126.7
 89 48.0 39.5 59.3

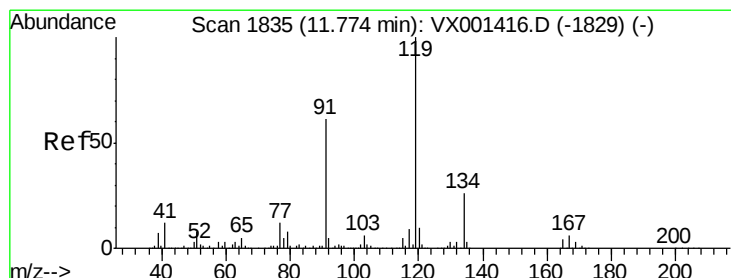
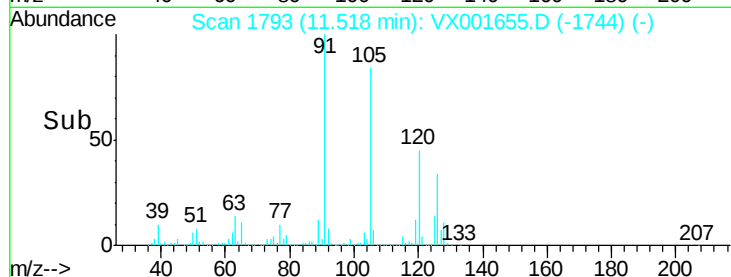
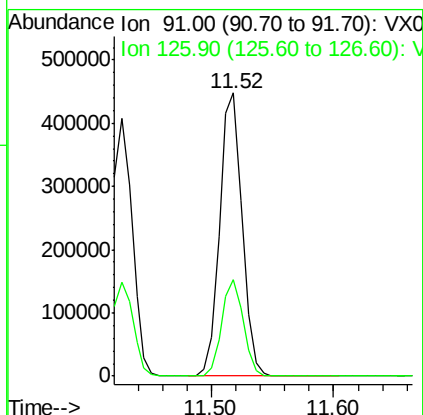
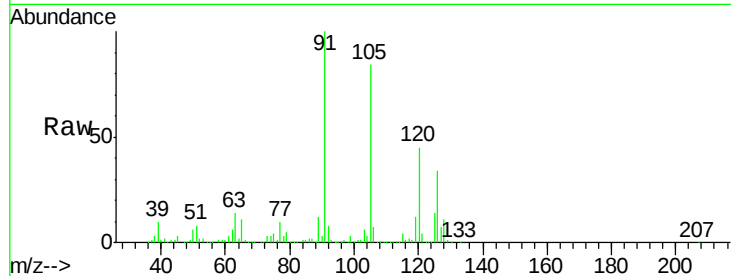




#82
4-Chlorotoluene
Concen: 54.53 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

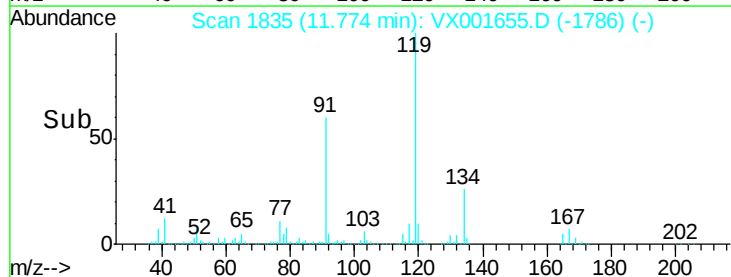
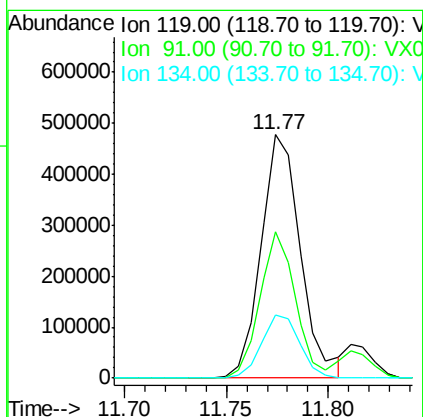
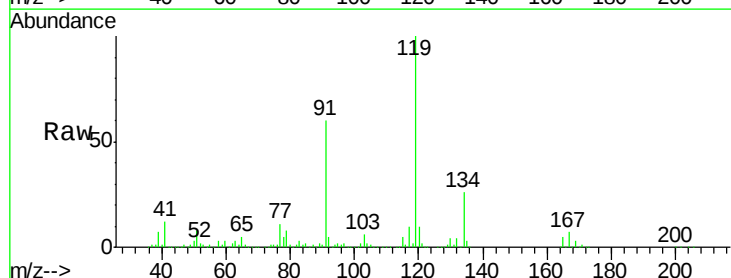
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

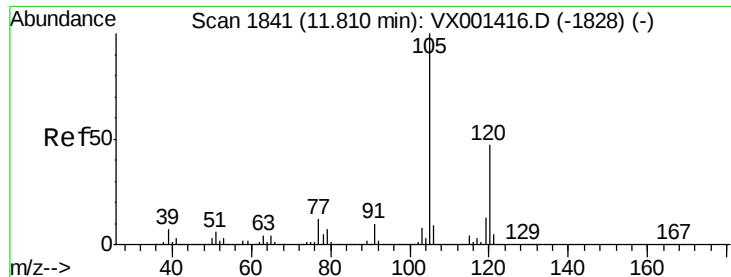
Tgt Ion: 91 Resp: 571965
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.5



#83
tert-Butylbenzene
Concen: 57.14 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion: 119 Resp: 642341
Ion Ratio Lower Upper
119 100
91 54.1 27.8 83.3
134 25.0 12.4 37.0

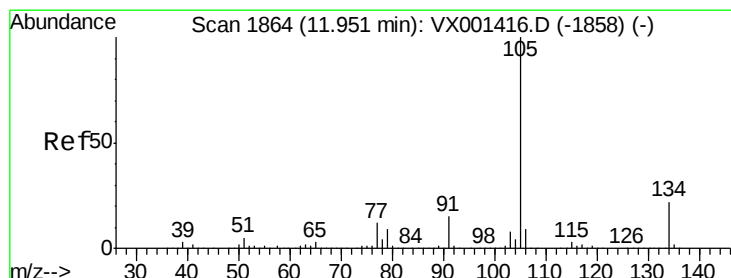
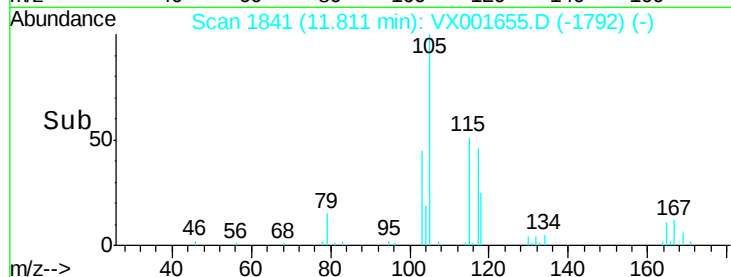
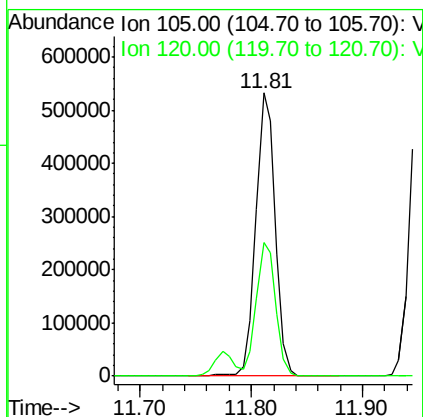
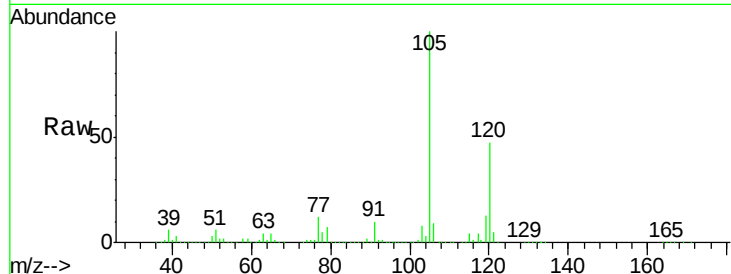




#84
 1,2,4-Trimethylbenzene
 Concen: 55.70 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

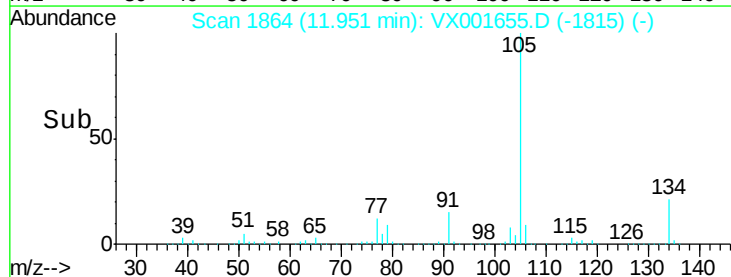
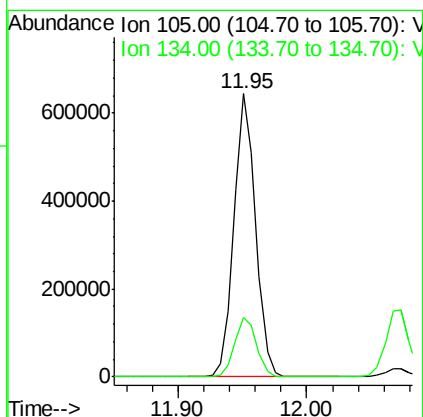
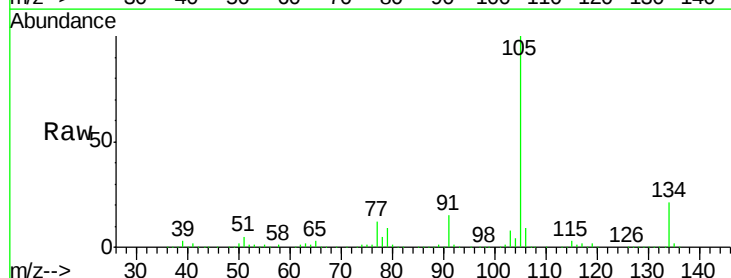
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

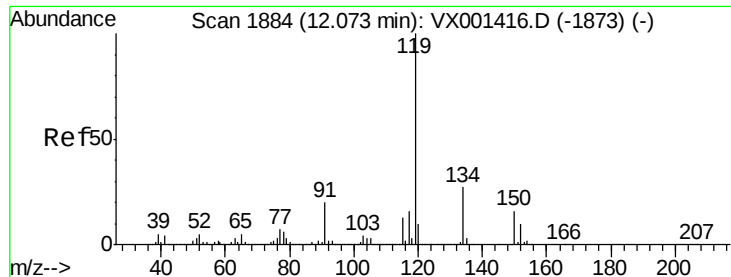
Tgt Ion:105 Resp: 646734
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.2



#85
 sec-Butylbenzene
 Concen: 55.93 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion:105 Resp: 754630
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9

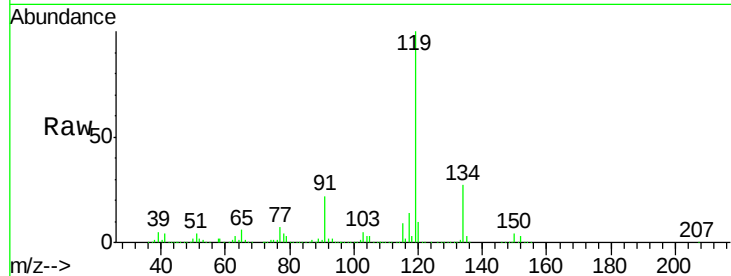




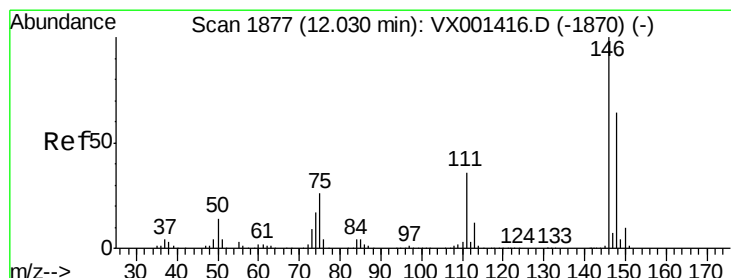
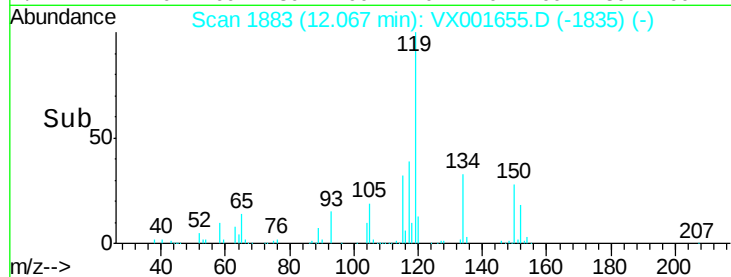
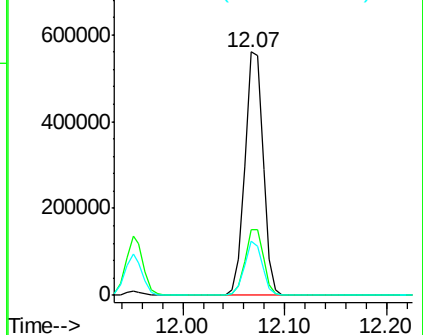
#86
p-Isopropyltoluene
Concen: 56.08 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Tgt Ion:119 Resp: 694161
Ion Ratio Lower Upper
119 100
134 27.2 13.6 40.8
91 21.4 10.8 32.3

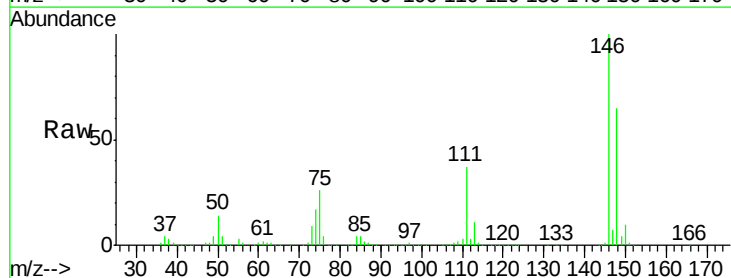


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

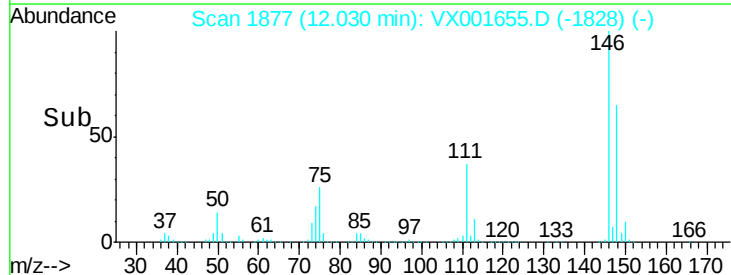
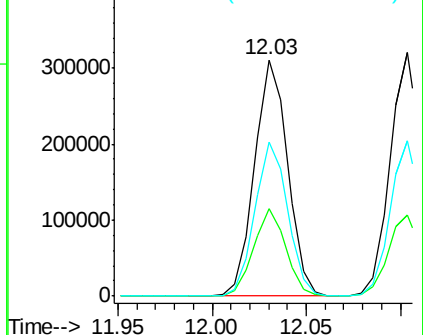


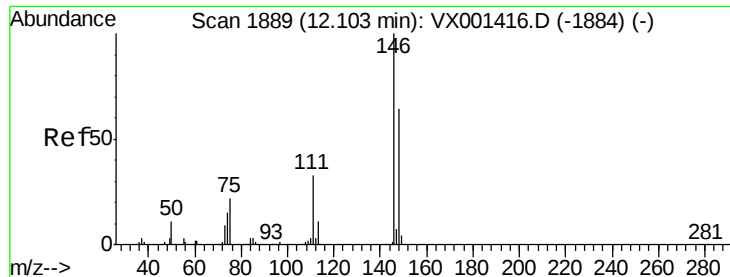
#87
1,3-Dichlorobenzene
Concen: 53.78 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion:146 Resp: 379249
Ion Ratio Lower Upper
146 100
111 35.9 18.1 54.1
148 64.7 32.1 96.5



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: 53.80 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

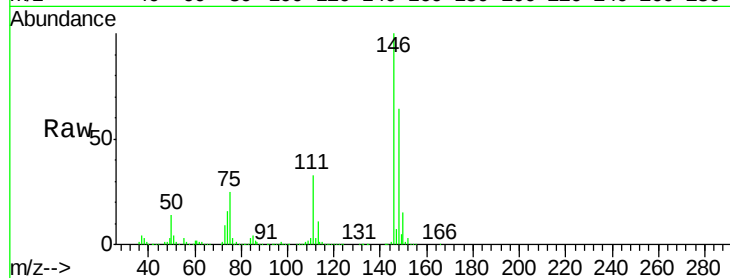
Tgt Ion:146 Resp: 386927

Ion Ratio Lower Upper

146 100

111 34.5 17.4 52.3

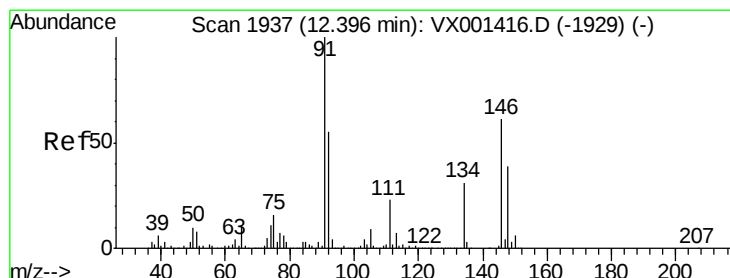
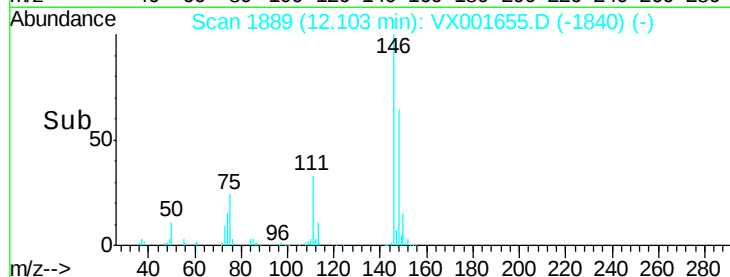
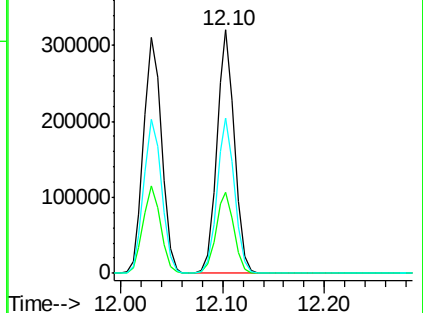
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 53.88 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

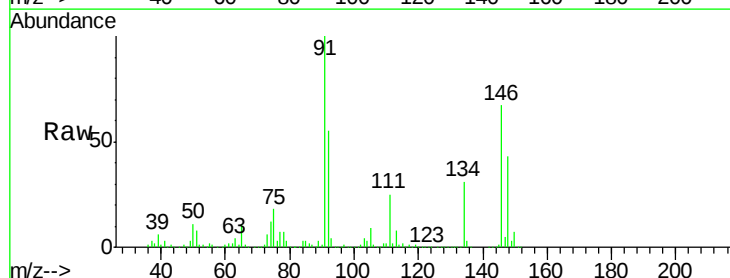
Tgt Ion: 91 Resp: 552585

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.5

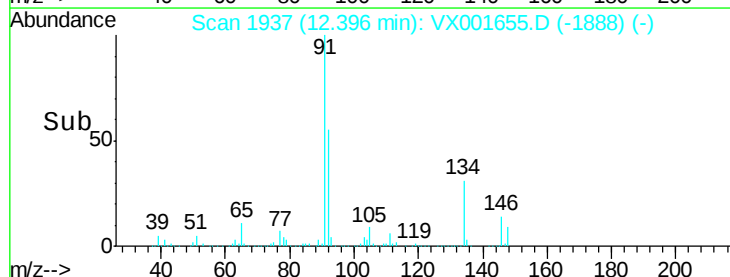
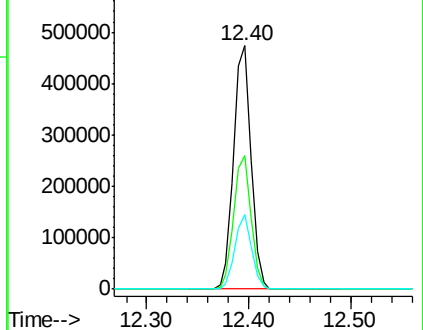
134 29.3 14.6 44.0

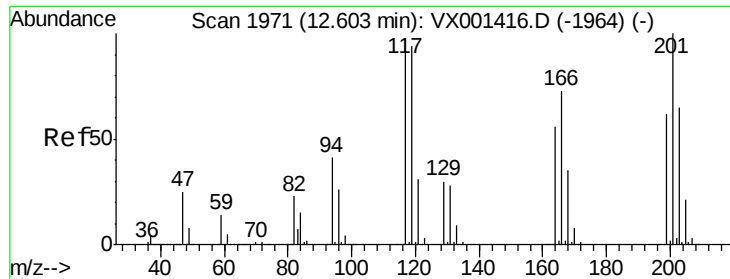


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

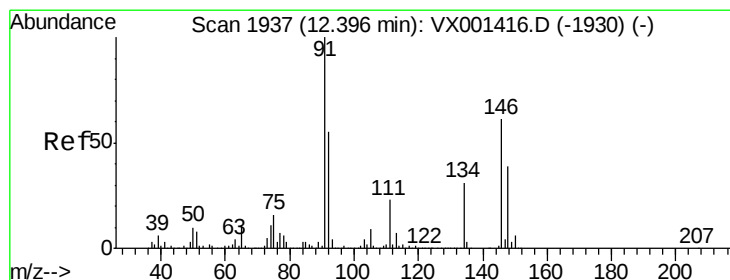
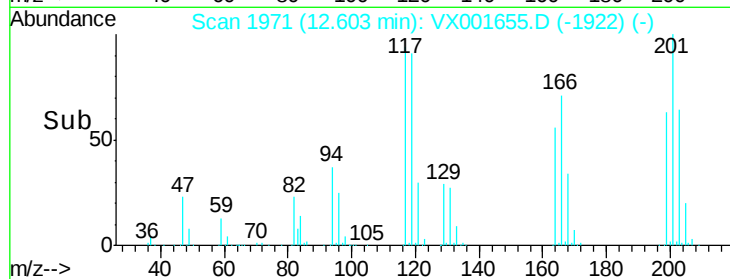
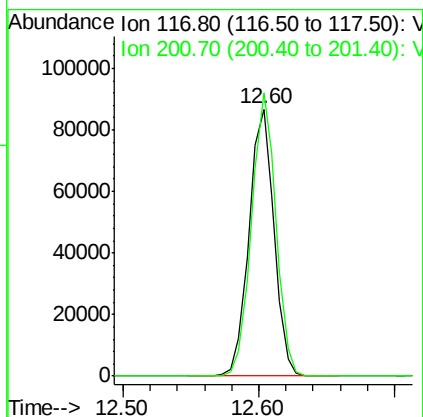
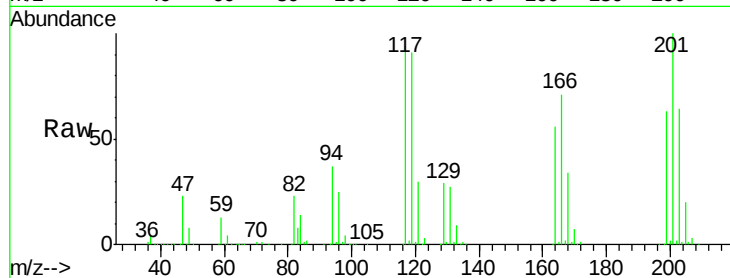




#90
Hexachloroethane
Concen: 60.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

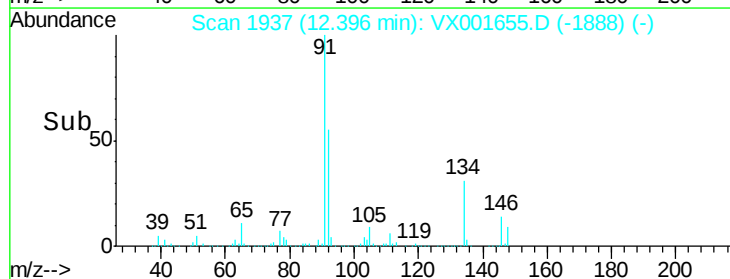
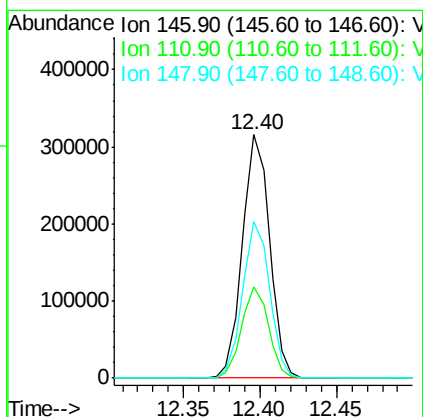
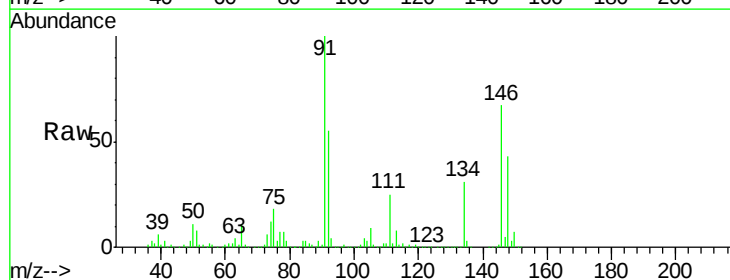
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

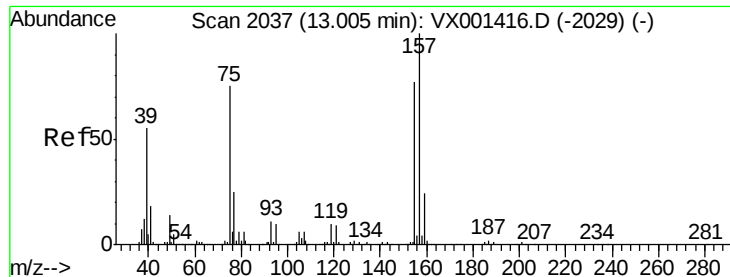
Tgt Ion:117 Resp: 111842
Ion Ratio Lower Upper
117 100
201 103.8 51.5 154.5



#91
1,2-Dichlorobenzene
Concen: 54.44 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001655.D
Acq: 11 May 2018 22:22

Tgt Ion:146 Resp: 390575
Ion Ratio Lower Upper
146 100
111 37.2 18.6 55.8
148 63.9 32.1 96.5

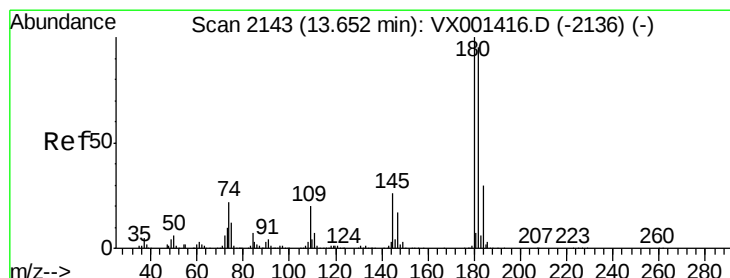
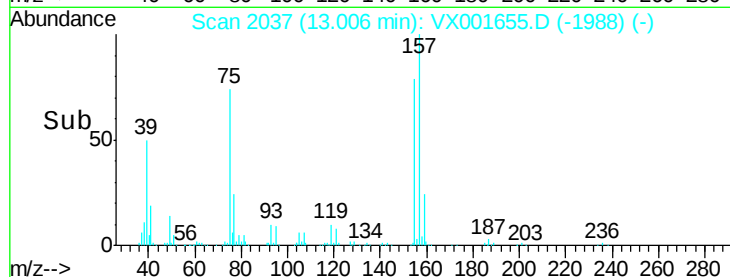
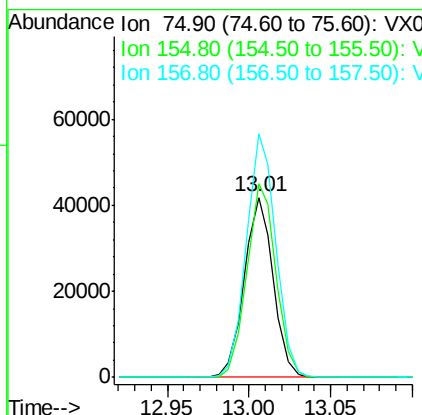
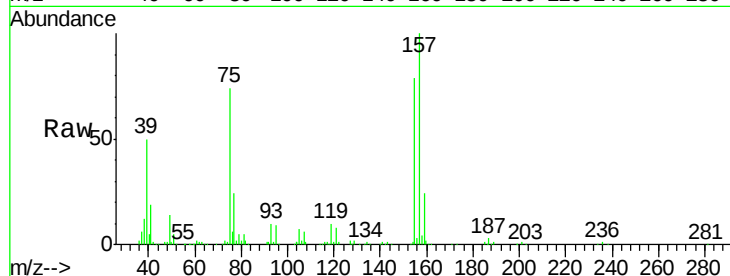




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

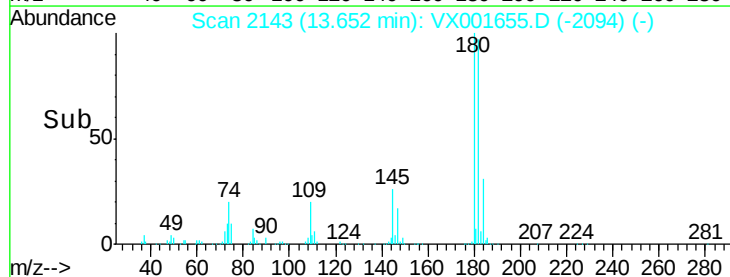
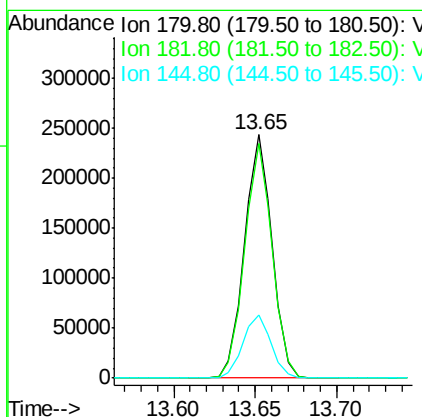
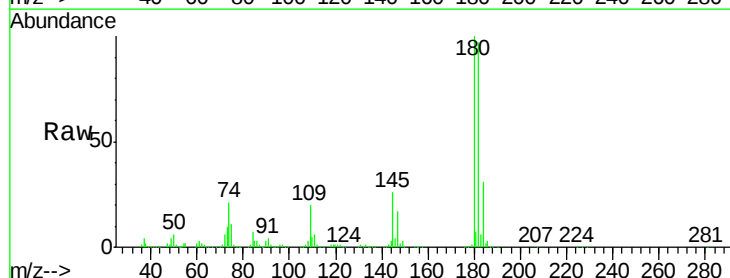
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

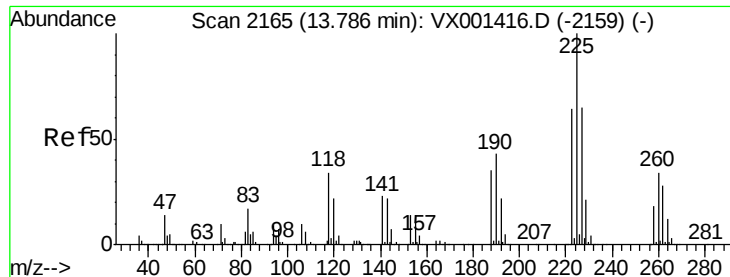
Tgt Ion: 75 Resp: 51690
 Ion Ratio Lower Upper
 75 100
 155 108.3 53.4 160.2
 157 137.9 68.3 204.8



#93
 1,2,4-Trichlorobenzene
 Concen: 54.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Tgt Ion: 180 Resp: 287074
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.4
 145 26.6 13.3 39.9





#94

Hexachlorobutadiene

Concen: 52.52 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSMS

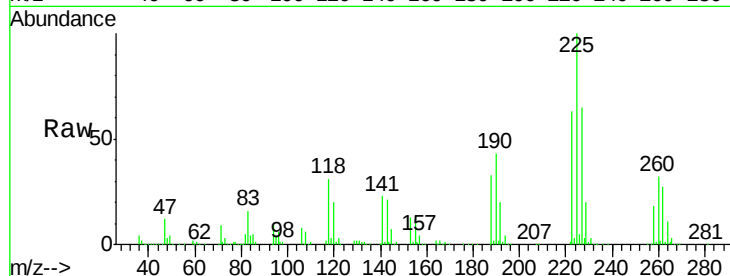
Tgt Ion: 225 Resp: 150855

Ion Ratio Lower Upper

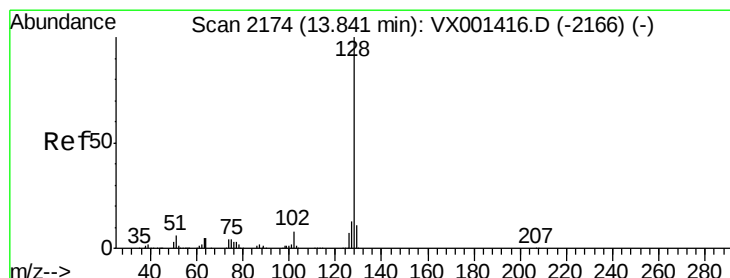
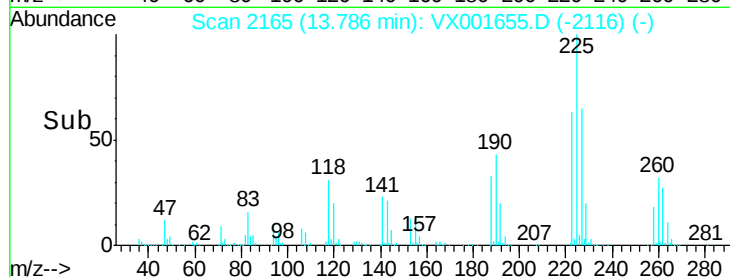
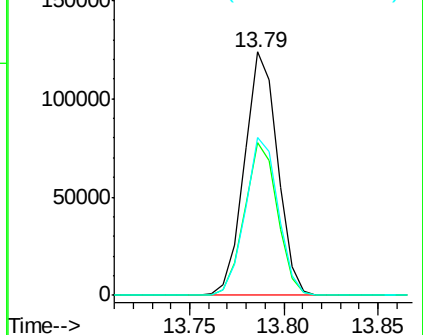
225 100

223 62.3 31.3 93.9

227 64.5 32.4 97.2



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



#95

Naphthalene

Concen: 57.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001655.D

Acq: 11 May 2018 22:22

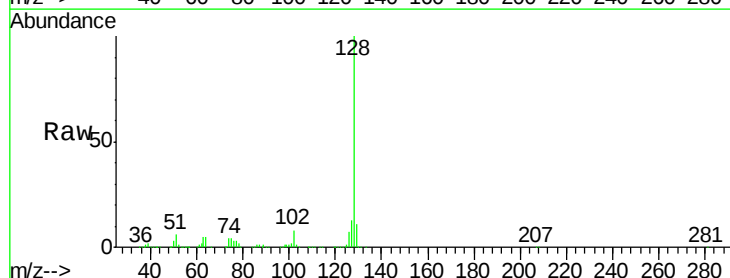
Tgt Ion: 128 Resp: 839842

Ion Ratio Lower Upper

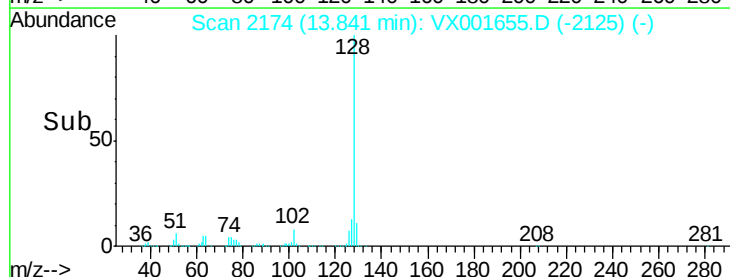
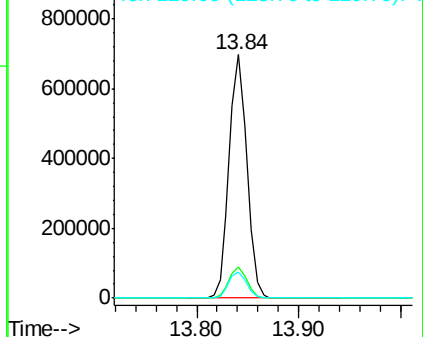
128 100

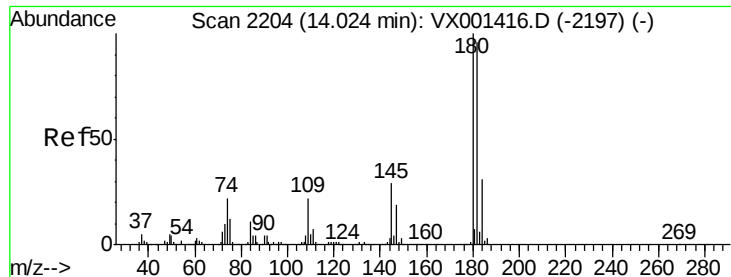
127 13.0 10.4 15.6

129 11.0 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





#96
 1,2,3-Trichlorobenzene
 Concen: 56.02 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001655.D
 Acq: 11 May 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	28.3	14.1	42.4

