

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001656.D
 Acq On : 11 May 2018 22:48
 Operator : JC/MD
 Sample : J2741-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Quant Time: May 12 03:39:14 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	252106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152142	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	5.51	113	130248	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	8.72	98	451216	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	
62) 4-Bromofluorobenzene	11.14	95	167366	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147186	43.37	ug/l	99
3) Chloromethane	1.32	50	144337	43.67	ug/l	99
4) Vinyl Chloride	1.40	62	412587	119.61	ug/l	99
5) Bromomethane	1.64	94	68339	42.79	ug/l	100
6) Chloroethane	1.72	64	108187	47.45	ug/l	100
7) Trichlorofluoromethane	1.93	101	237252	45.70	ug/l	100
8) Diethyl Ether	2.19	74	96792	47.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137884	45.30	ug/l	99
10) Methyl Iodide	2.51	142	165686	37.73	ug/l	99
11) Tert butyl alcohol	3.09	59	173223	226.74	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135705	48.65	ug/l	98
13) Acrolein	2.30	56	24687	159.70	ug/l	97
14) Allyl chloride	2.73	41	245464	47.19	ug/l	98
15) Acrylonitrile	3.15	53	418338	242.32	ug/l	100
16) Acetone	2.45	43	351725	213.76	ug/l	97
17) Carbon Disulfide	2.57	76	305834	43.08	ug/l	99
18) Methyl Acetate	2.78	43	218658	50.58	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	469902	48.38	ug/l	98
20) Methylene Chloride	2.86	84	148438	45.56	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	143747	46.17	ug/l	98
22) Diisopropyl ether	3.88	45	477300	49.11	ug/l	99
23) Vinyl Acetate	3.83	43	1857303	229.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	275386	50.73	ug/l	100
25) 2-Butanone	4.72	43	564880	237.50	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173340	41.35	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	2908042	877.06	ug/l	85
28) Bromochloromethane	5.03	49	116889	49.66	ug/l	99
29) Tetrahydrofuran	5.18	42	366280	240.69	ug/l	100
30) Chloroform	5.22	83	279515	49.98	ug/l	98
31) Cyclohexane	5.58	56	216118	46.35	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	247518	50.64	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192542	46.04	ug/l	99
37) Ethyl Acetate	4.87	43	205153	44.75	ug/l #	81
38) Carbon Tetrachloride	5.79	117	222888	49.97	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222667	45.03	ug/l	97
40) Benzene	6.15	78	594772	48.69	ug/l	99
41) Methacrylonitrile	5.07	41	126120	48.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	224683	47.86	ug/l	100
43) Isopropyl Acetate	6.48	43	338068	48.04	ug/l	99
44) Trichloroethene	7.22	130	180631	48.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	152529	50.09	ug/l	99
46) Dibromomethane	7.67	93	104814	48.62	ug/l	99
47) Bromodichloromethane	7.90	83	208219	52.19	ug/l	98
48) Methyl methacrylate	7.79	41	189451	49.44	ug/l	99
49) 1,4-Dioxane	7.76	88	72310	873.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1181252	252.58	ug/l	99
52) Toluene	8.79	92	390805	48.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227125	50.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206718	44.60	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	158481	49.25	ug/l	98
56) Ethyl methacrylate	9.19	69	228891	49.34	ug/l	98
57) 1,3-Dichloropropane	9.38	76	256543	48.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	471	0.21	ug/l #	43
59) 2-Hexanone	9.51	43	860440	240.27	ug/l	99
60) Dibromochloromethane	9.59	129	170922	51.87	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164751	48.76	ug/l	99
64) Tetrachloroethene	9.34	164	195612	45.67	ug/l	97
65) Chlorobenzene	10.15	112	436019	48.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166966	51.79	ug/l	99
67) Ethyl Benzene	10.26	91	716015	48.47	ug/l	99
68) m/p-Xylenes	10.37	106	571435	97.90	ug/l	99
69) o-Xylene	10.71	106	280156	49.39	ug/l	99
70) Styrene	10.72	104	462782	50.22	ug/l	99
71) Bromoform	10.87	173	139429	45.33	ug/l	99
73) Isopropylbenzene	11.02	105	748392	50.39	ug/l	100
74) N-amyl acetate	6.48	43	338068	50.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232580	53.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	263924	60.66	ug/l	87
77) Bromobenzene	11.26	156	214549	49.69	ug/l	99
78) n-propylbenzene	11.37	91	818167	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	496390	49.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	618673	50.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59387	44.07	ug/l	98
82) 4-Chlorotoluene	11.52	91	571036	49.74	ug/l	100
83) tert-Butylbenzene	11.77	119	648141	52.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	642681	50.57	ug/l	99
85) sec-Butylbenzene	11.95	105	755365	51.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	689109	50.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379328	49.14	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	383320	48.69	ug/l	100
89) n-Butylbenzene	12.40	91	549676	48.97	ug/l	100
90) Hexachloroethane	12.60	117	112370	55.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388641	49.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52100	54.06	ug/l	98

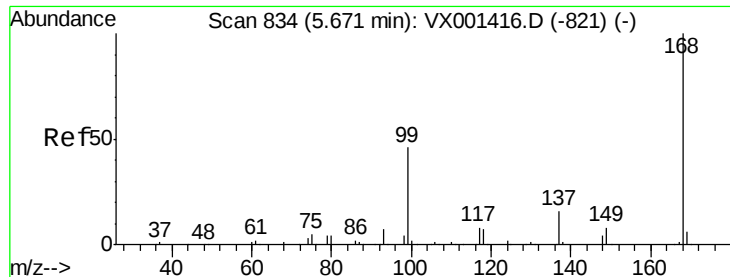
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286521	49.86	ug/l	99
94) Hexachlorobutadiene	13.79	225	150206	47.77	ug/l	99
95) Naphthalene	13.84	128	849515	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299593	50.81	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: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

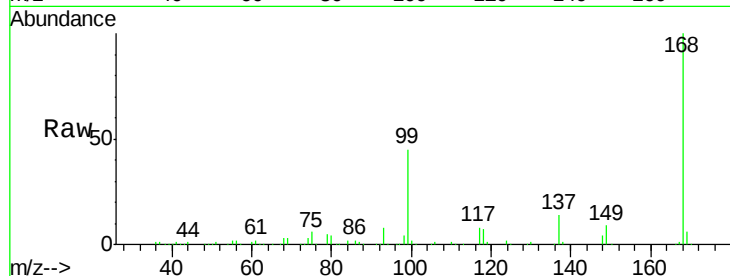
J2741-07MSDMSD

Tgt Ion:168 Resp: 252106

Ion Ratio Lower Upper

168 100

99 45.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

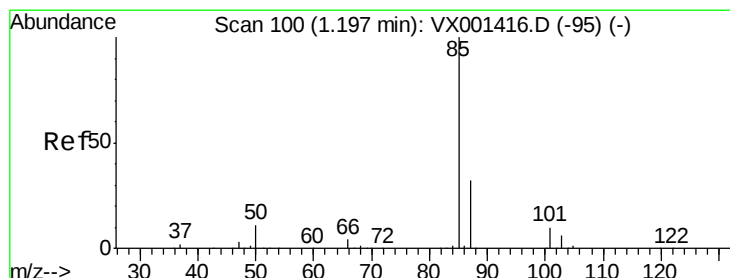
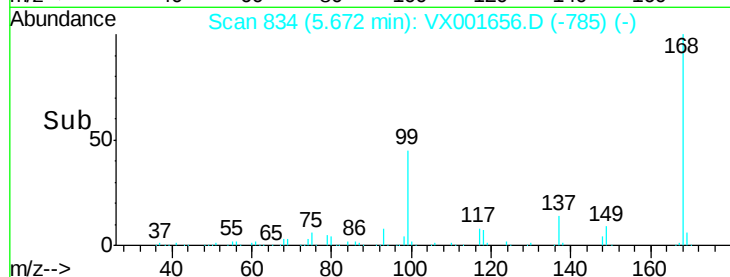
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001656.D

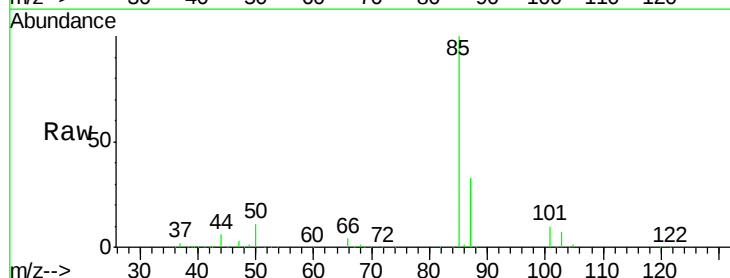
Acq: 11 May 2018 22:48

Tgt Ion: 85 Resp: 147186

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

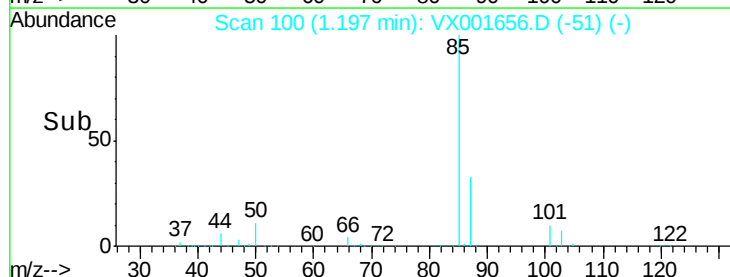
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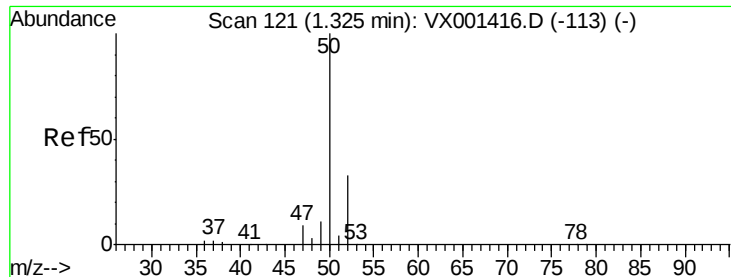
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 43.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

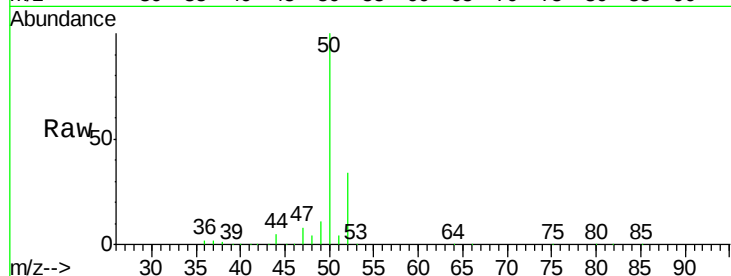
J2741-07MSDMSD

Tgt Ion: 50 Resp: 144337

Ion Ratio Lower Upper

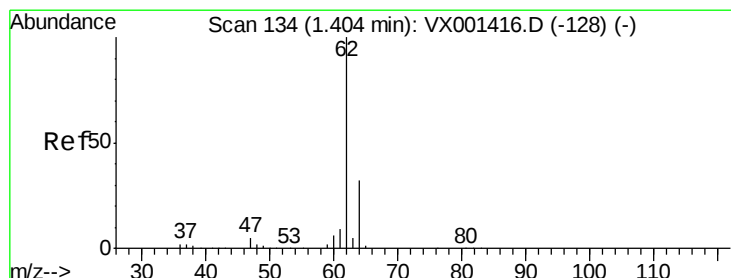
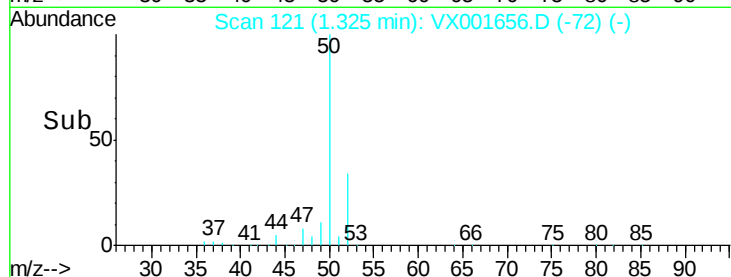
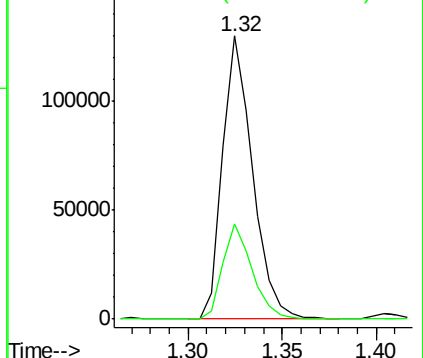
50 100

52 33.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 119.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001656.D

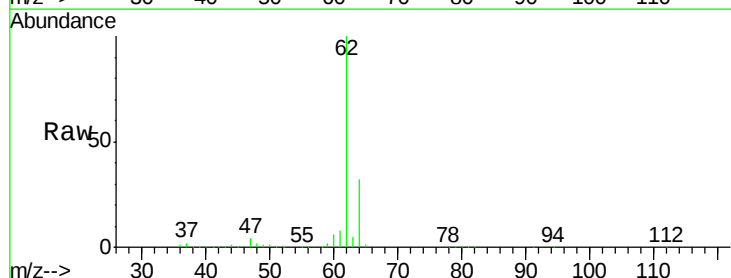
Acq: 11 May 2018 22:48

Tgt Ion: 62 Resp: 412587

Ion Ratio Lower Upper

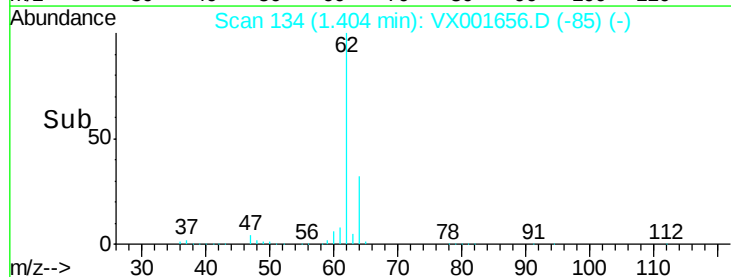
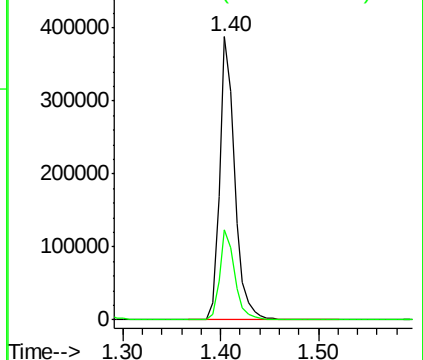
62 100

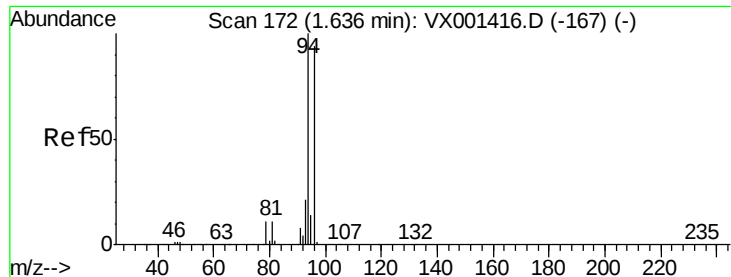
64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.79 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

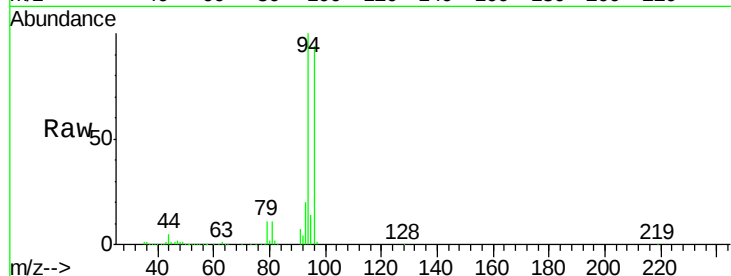
J2741-07MSDMSD

Tgt Ion: 94 Resp: 68339

Ion Ratio Lower Upper

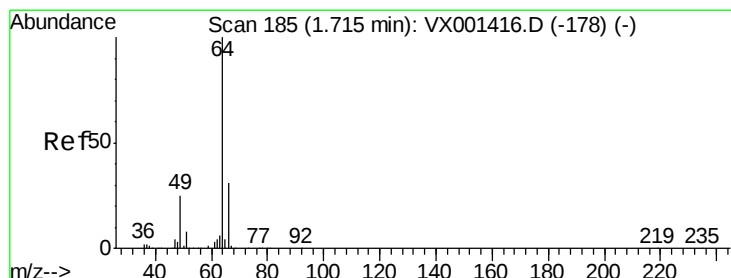
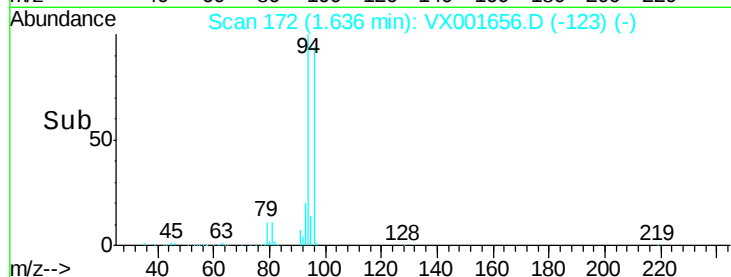
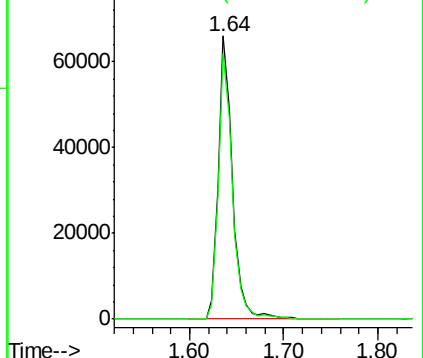
94 100

96 93.7 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001656.D

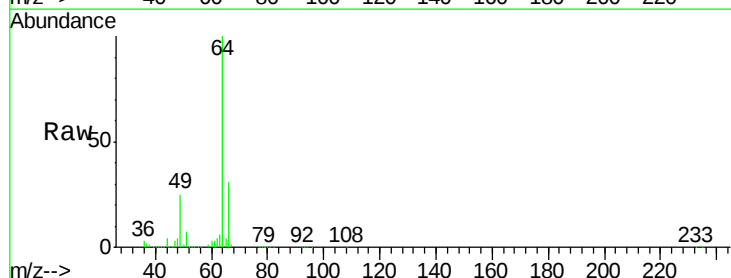
Acq: 11 May 2018 22:48

Tgt Ion: 64 Resp: 108187

Ion Ratio Lower Upper

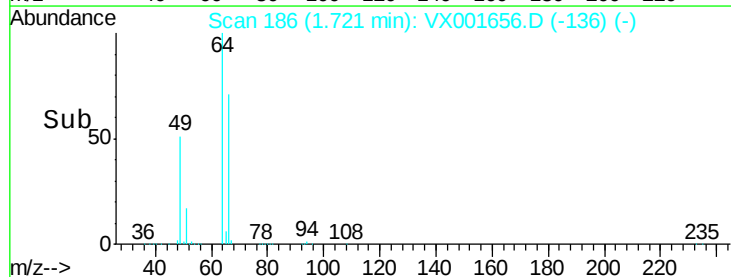
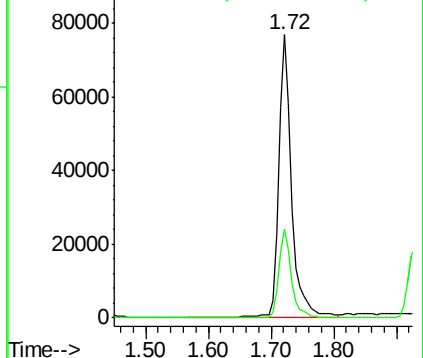
64 100

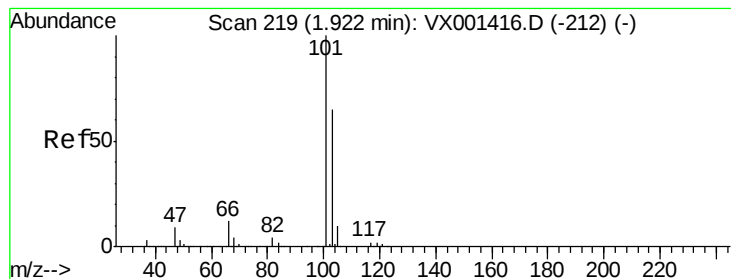
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 45.70 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

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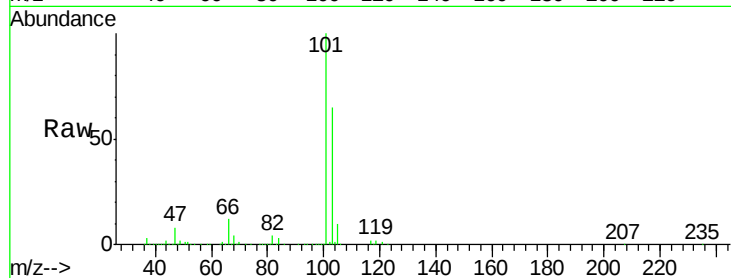
J2741-07MSDMSD

Tgt Ion: 101 Resp: 237252

Ion Ratio Lower Upper

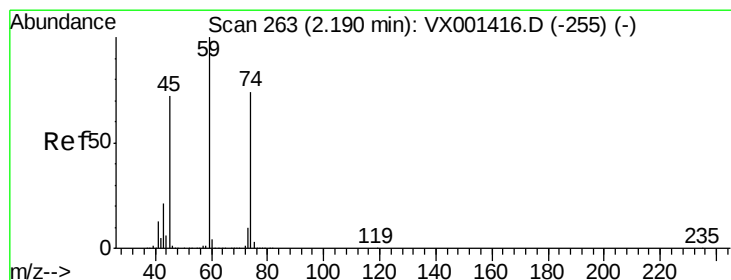
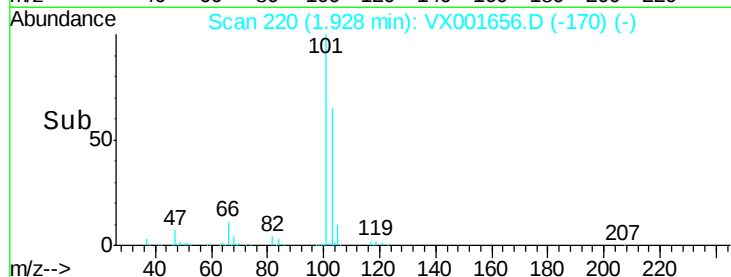
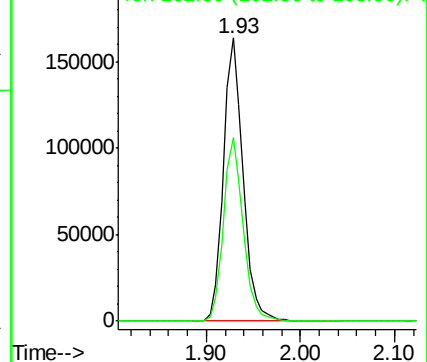
101 100

103 64.8 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.57 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001656.D

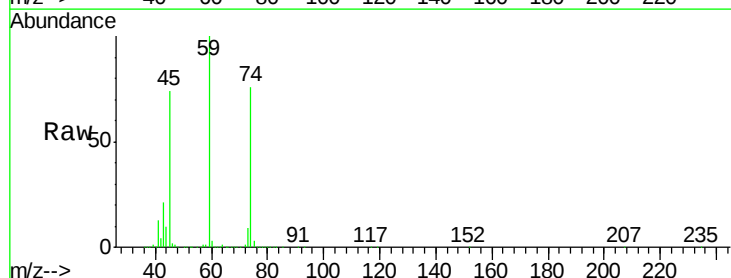
Acq: 11 May 2018 22:48

Tgt Ion: 74 Resp: 96792

Ion Ratio Lower Upper

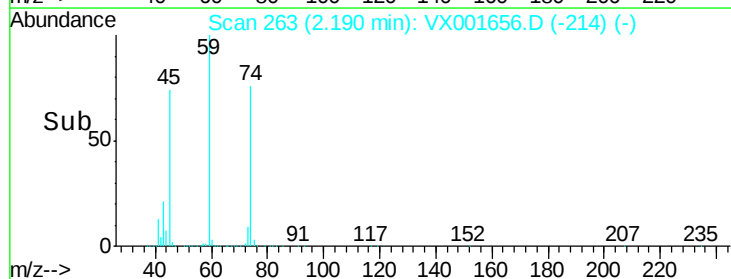
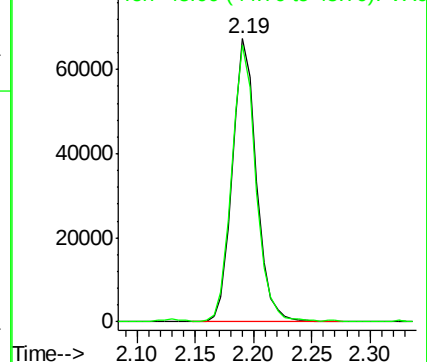
74 100

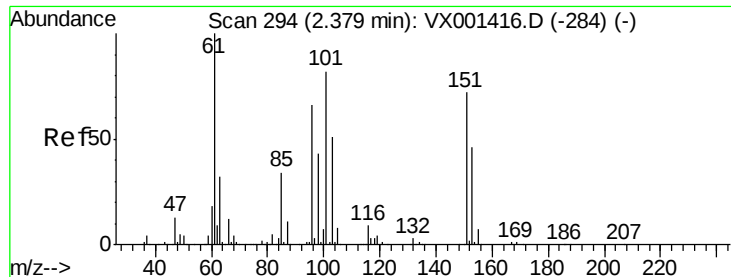
45 97.8 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

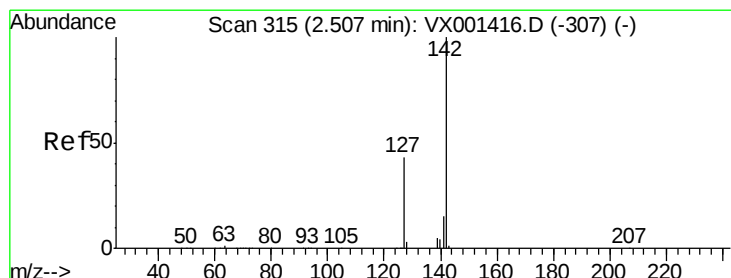
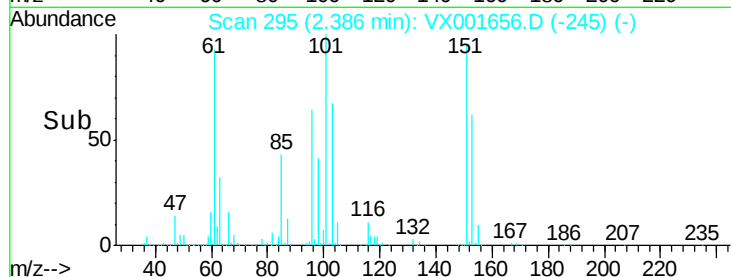
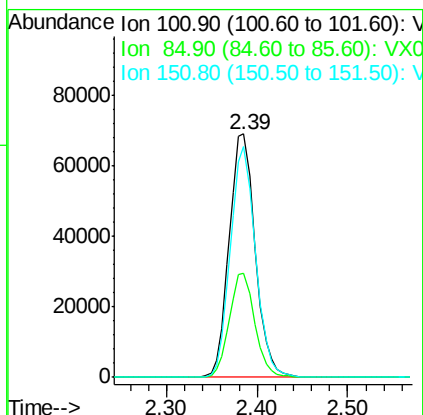
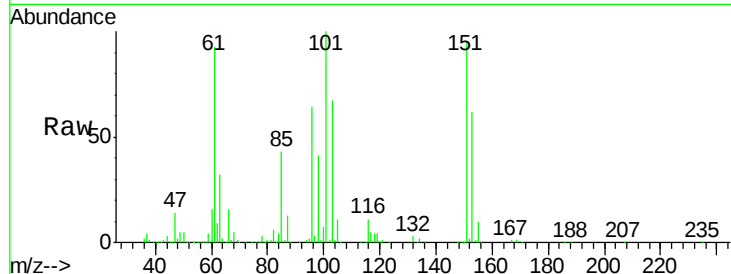




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.30 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

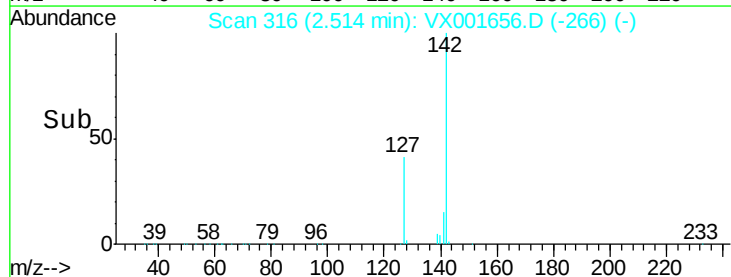
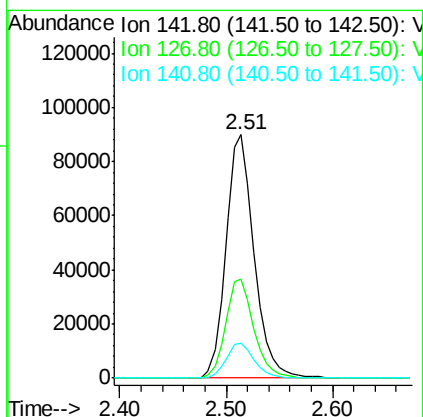
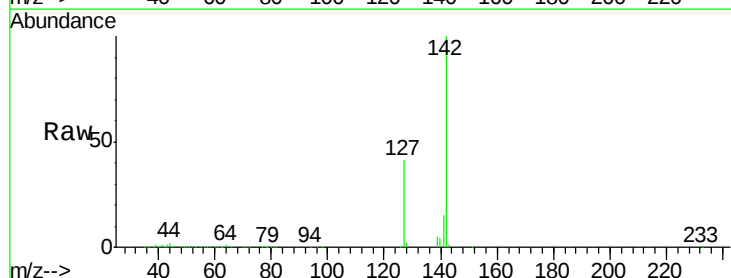
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

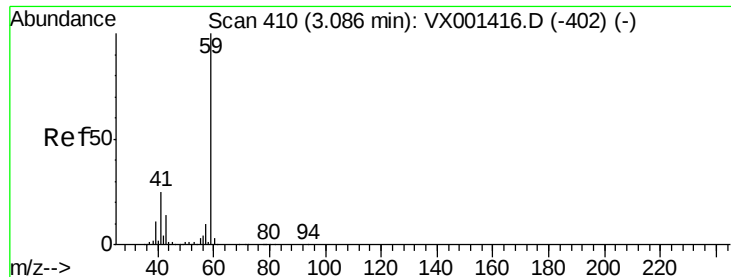
Tgt Ion:101 Resp: 137884
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.7 50.5
 151 91.6 72.3 108.5



#10
 Methyl Iodide
 Concen: 37.73 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion:142 Resp: 165686
 Ion Ratio Lower Upper
 142 100
 127 41.1 33.6 50.4
 141 14.4 11.4 17.2



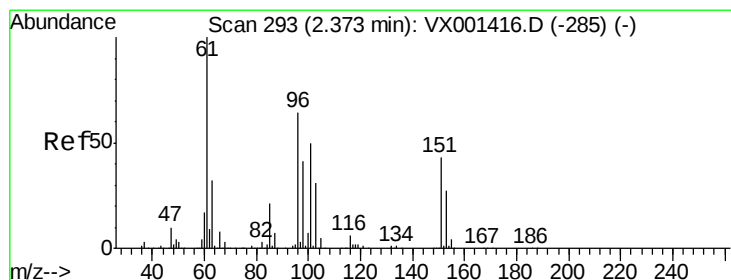
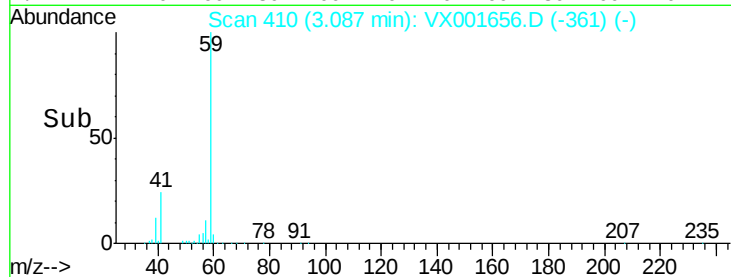
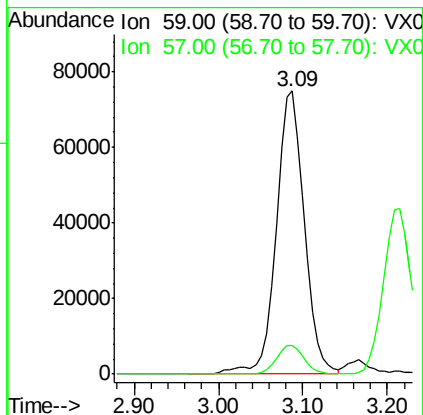
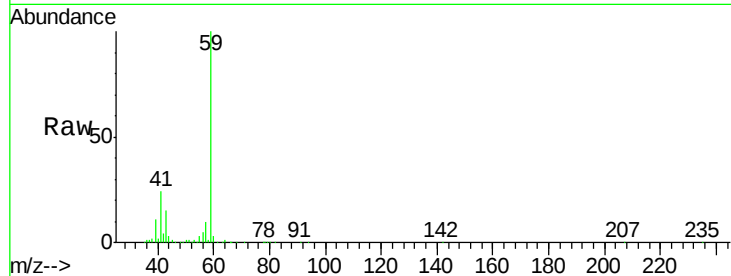


#11

Tert butyl alcohol
 Concen: 226.74 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

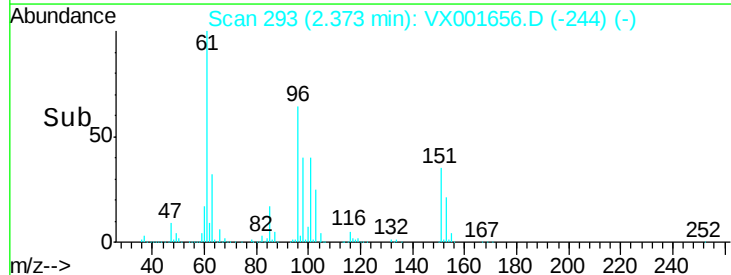
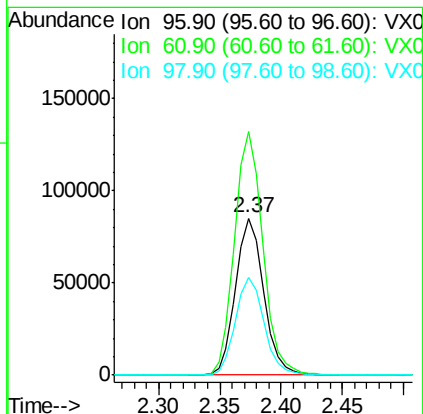
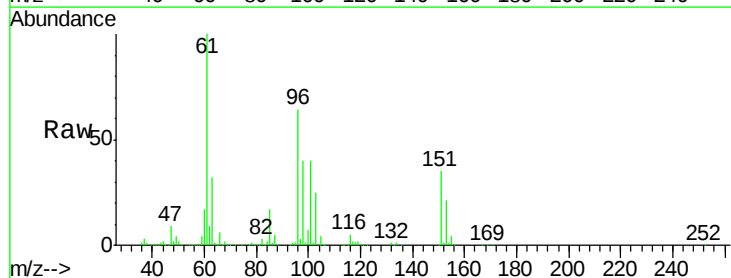
Tgt Ion: 59 Resp: 173223
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 48.65 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion: 96 Resp: 135705
 Ion Ratio Lower Upper
 96 100
 61 155.1 125.7 188.5
 98 62.4 52.0 78.0





#13

Acrolein

Concen: 159.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

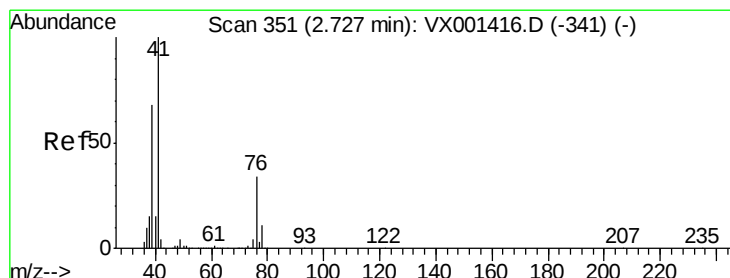
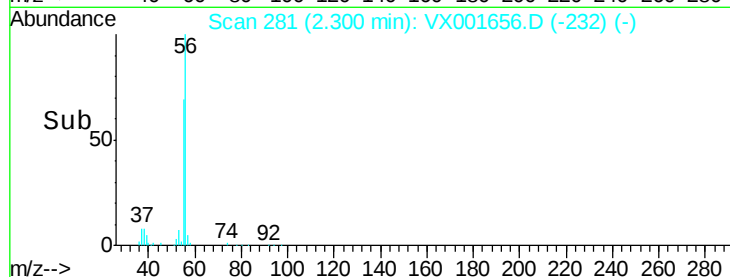
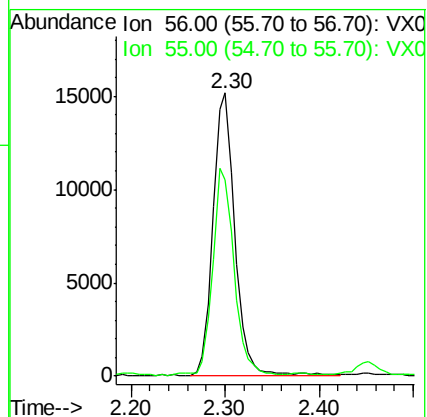
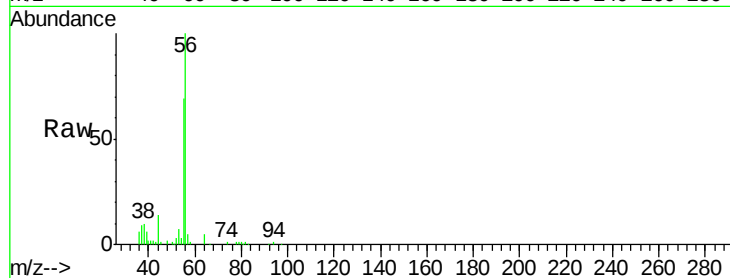
J2741-07MSDMSD

Tgt Ion: 56 Resp: 24687

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7



#14

Allyl chloride

Concen: 47.19 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

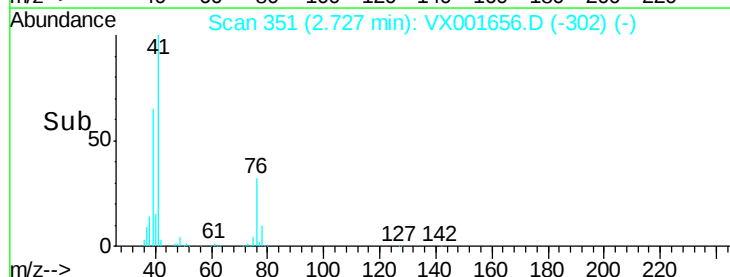
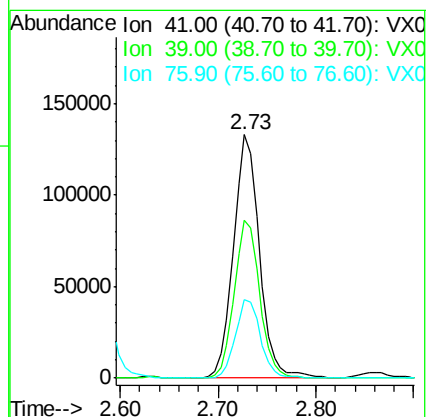
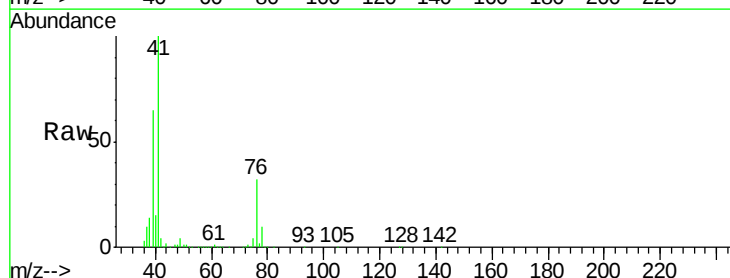
Tgt Ion: 41 Resp: 245464

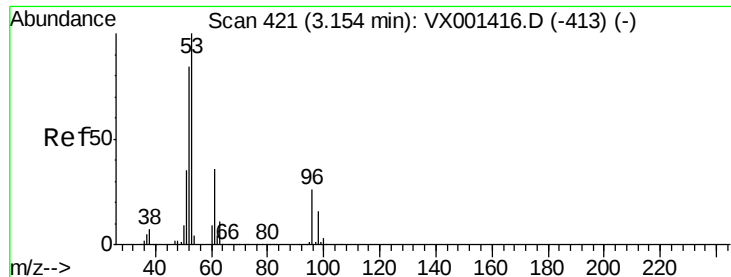
Ion Ratio Lower Upper

41 100

39 63.4 52.4 78.6

76 31.2 25.8 38.6





#15

Acrylonitrile

Concen: 242.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

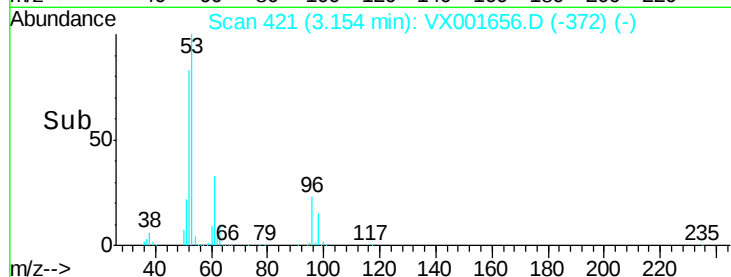
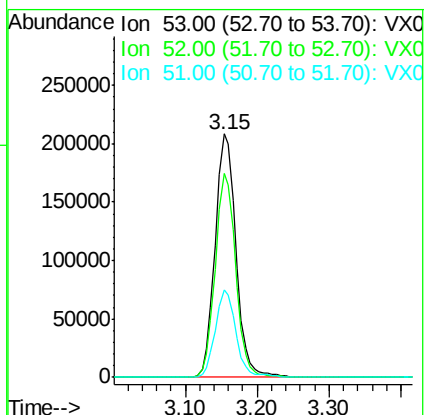
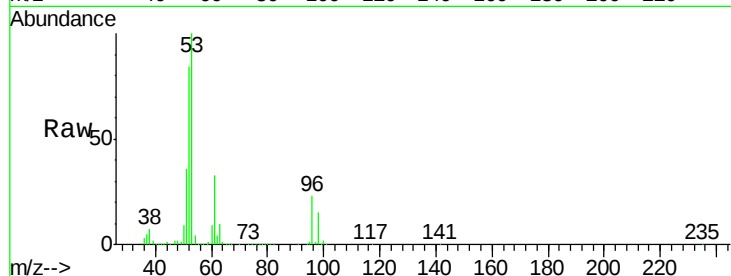
Tgt Ion: 53 Resp: 418338

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

51 35.8 28.6 43.0



#16

Acetone

Concen: 213.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001656.D

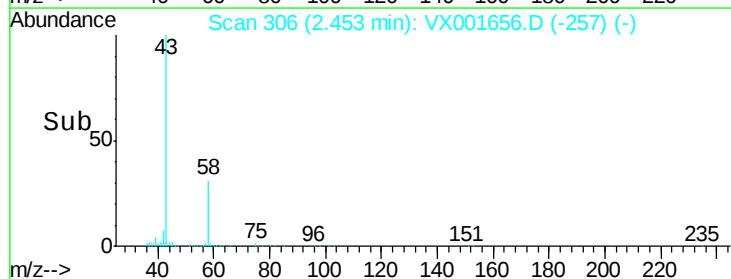
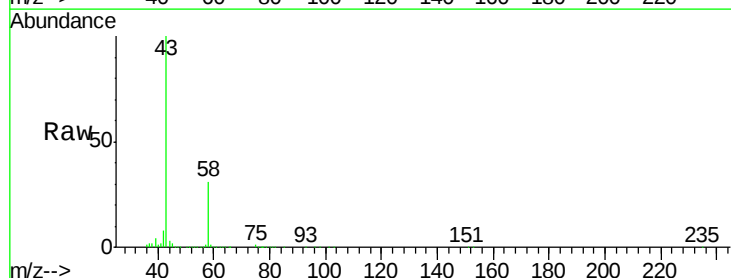
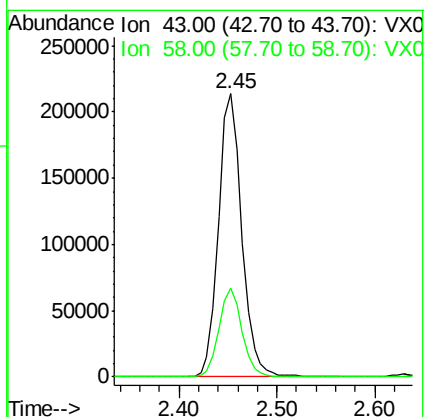
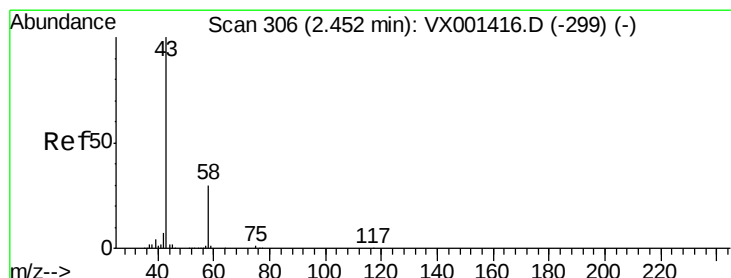
Acq: 11 May 2018 22:48

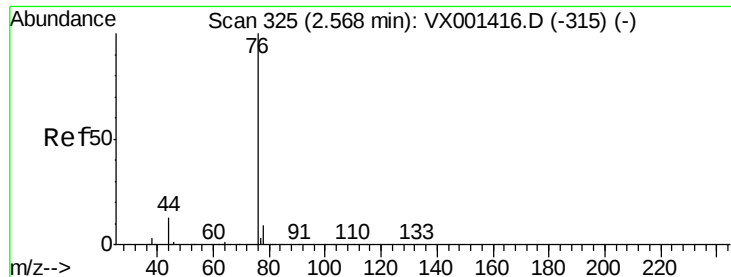
Tgt Ion: 43 Resp: 351725

Ion Ratio Lower Upper

43 100

58 31.3 23.8 35.8

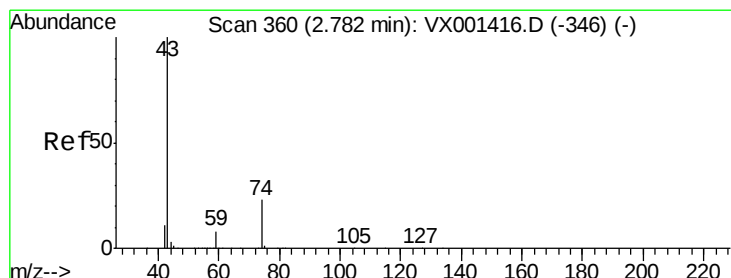
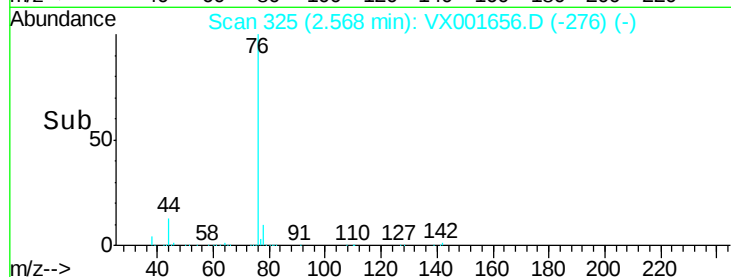
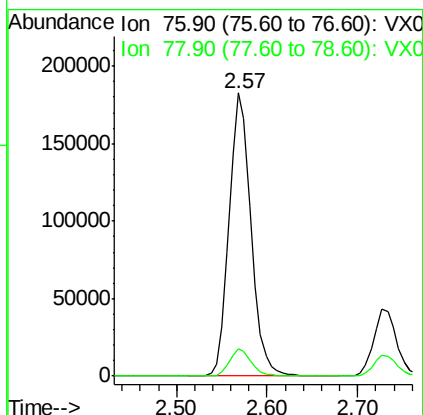
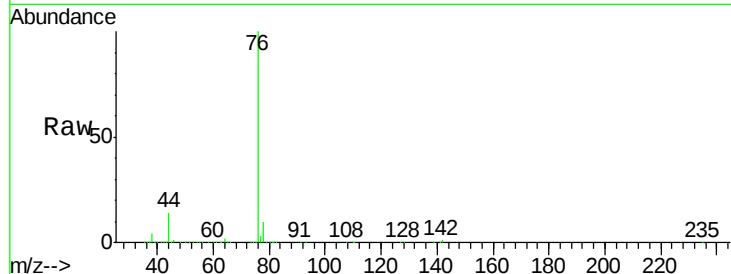




#17
Carbon Disulfide
Concen: 43.08 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

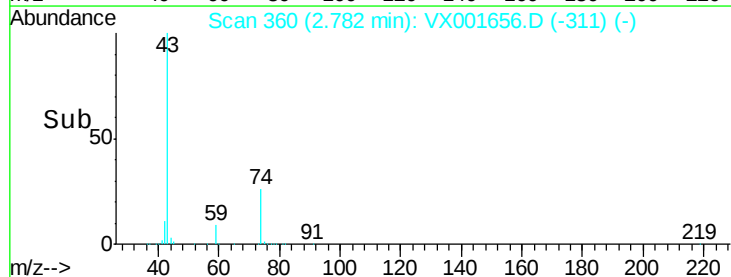
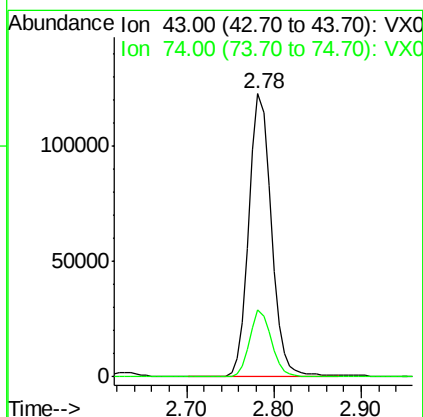
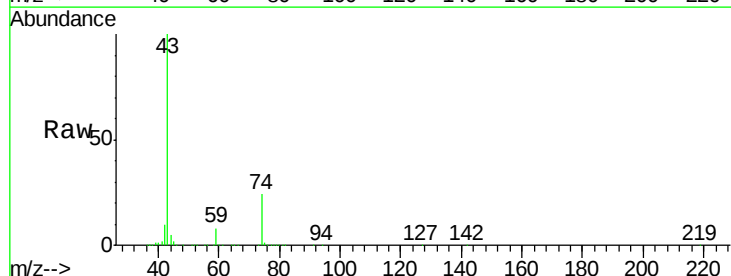
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

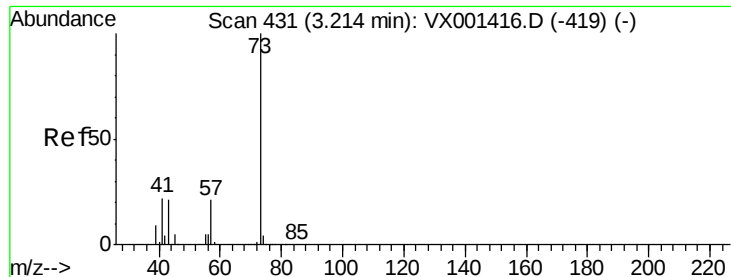
Tgt Ion: 76 Resp: 305834
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 50.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 43 Resp: 218658
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

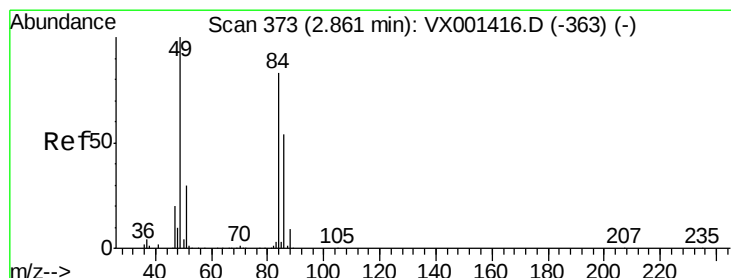
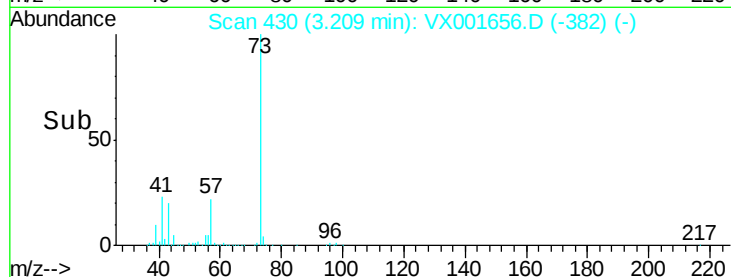
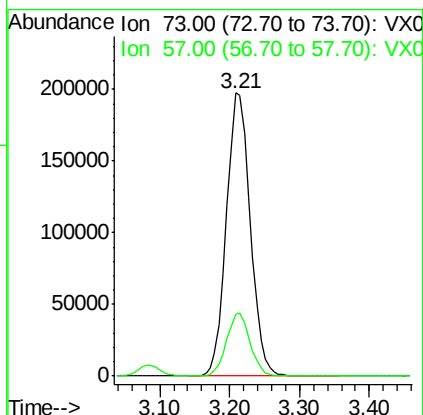
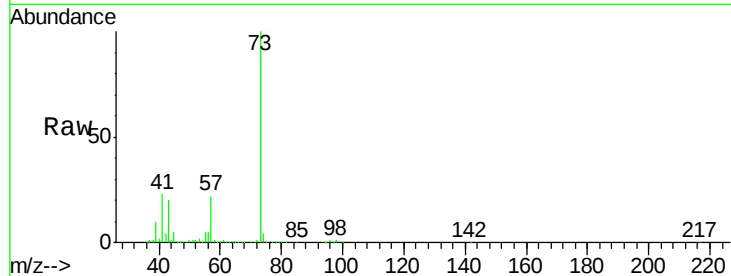




#19
Methyl tert-butyl Ether
Concen: 48.38 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

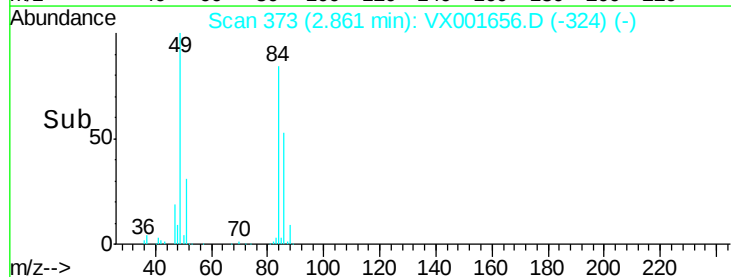
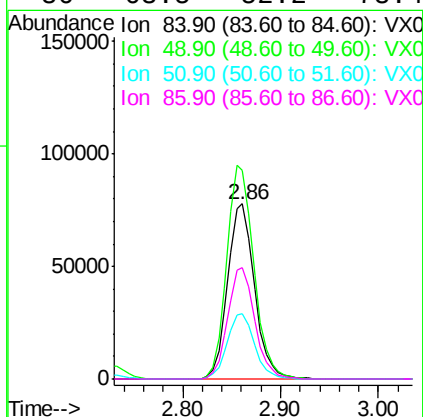
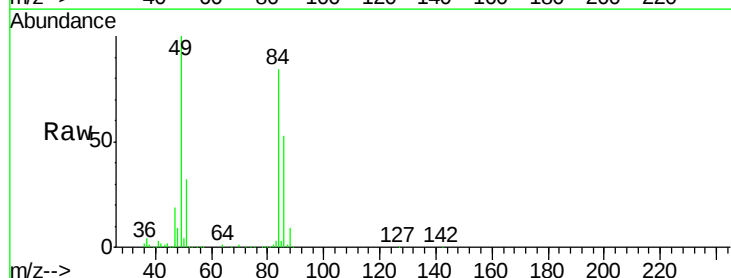
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

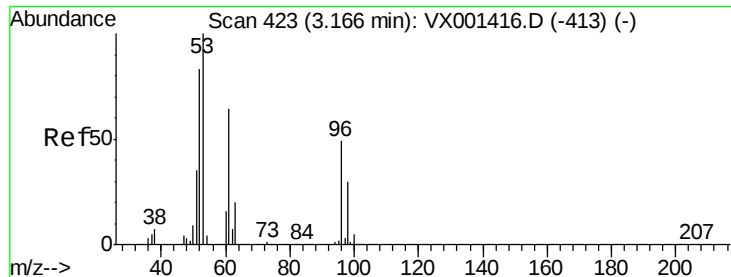
Tgt Ion: 73 Resp: 469902
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 45.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 84 Resp: 148438
Ion Ratio Lower Upper
84 100
49 118.9 96.6 144.8
51 37.4 29.0 43.4
86 63.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.17 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

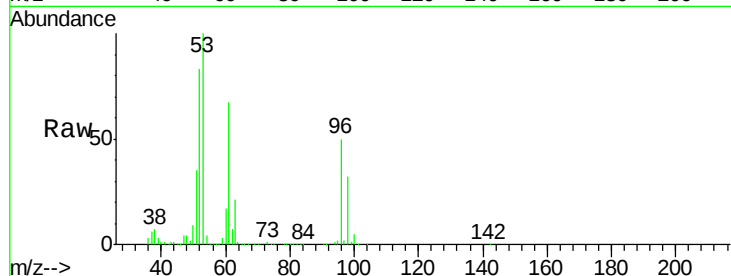
Tgt Ion: 96 Resp: 143747

Ion Ratio Lower Upper

96 100

61 134.3 105.0 157.4

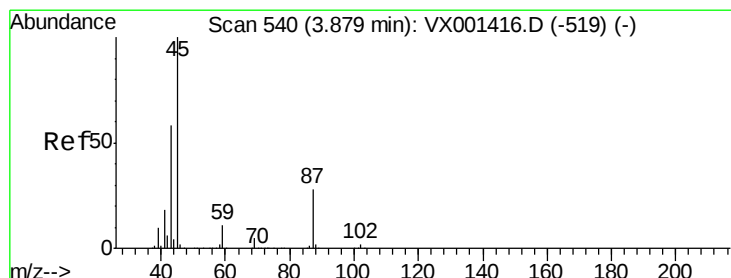
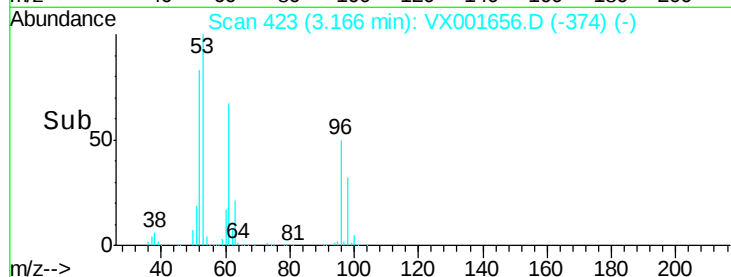
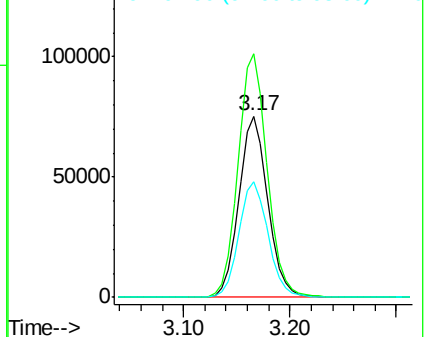
98 63.6 49.9 74.9



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: 49.11 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion: 45 Resp: 477300

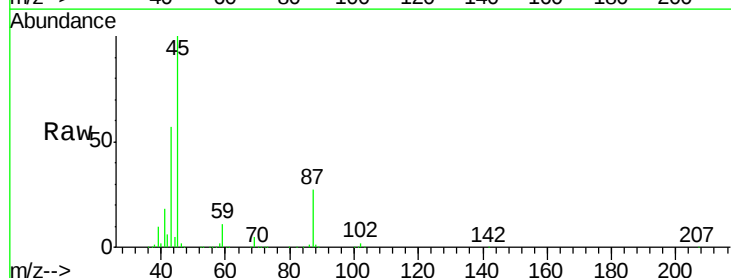
Ion Ratio Lower Upper

45 100

43 57.0 46.5 69.7

87 27.4 22.6 34.0

59 11.5 9.1 13.7

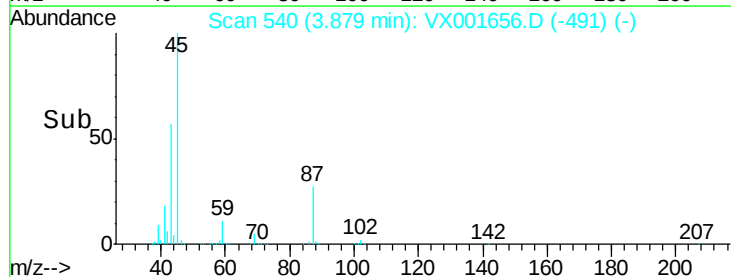
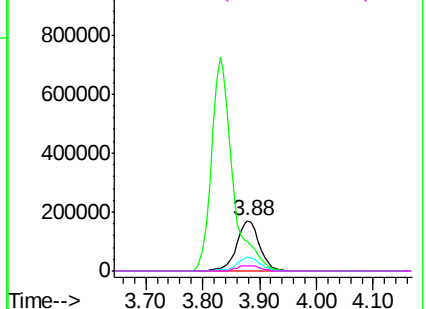


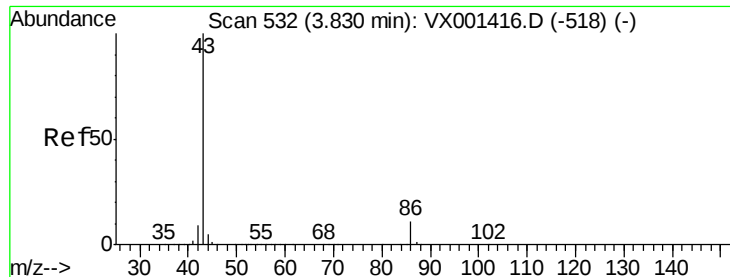
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 229.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

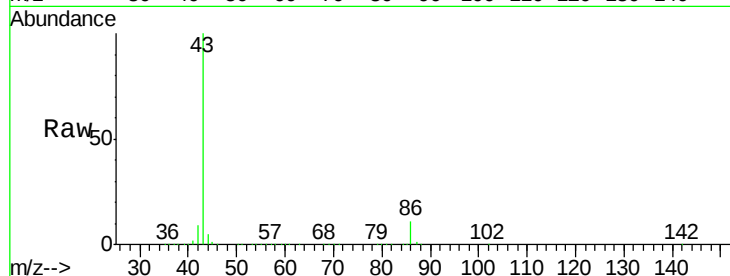
J2741-07MSDMSD

Tgt Ion: 43 Resp: 1857303

Ion Ratio Lower Upper

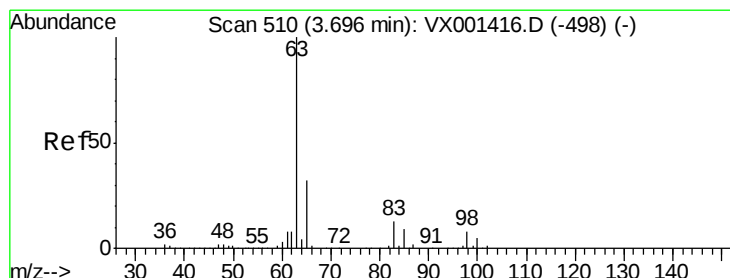
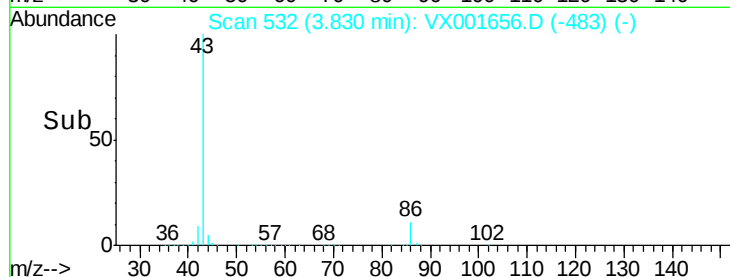
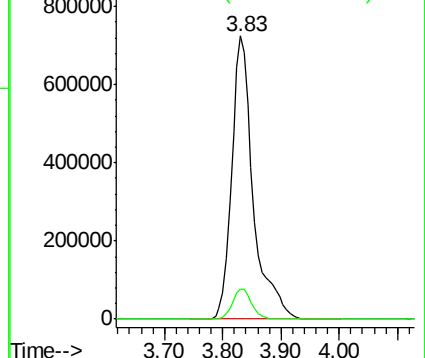
43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.73 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

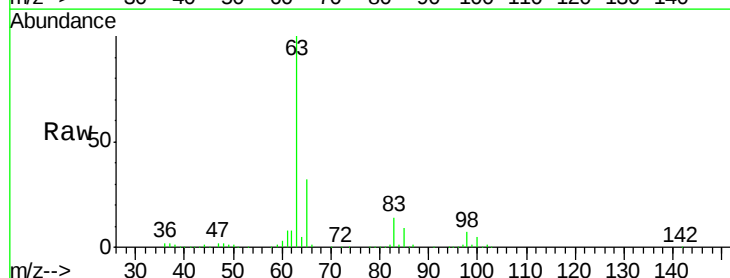
Tgt Ion: 63 Resp: 275386

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

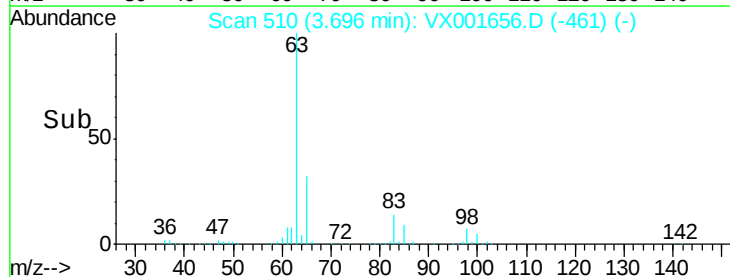
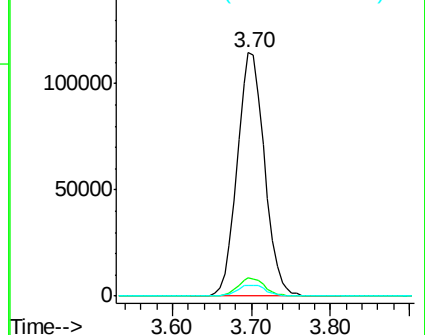
100 4.6 2.4 7.1

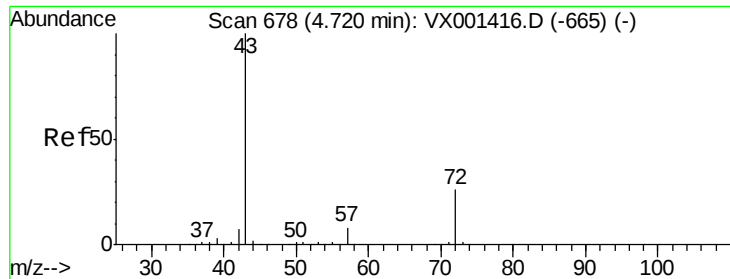


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.50 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

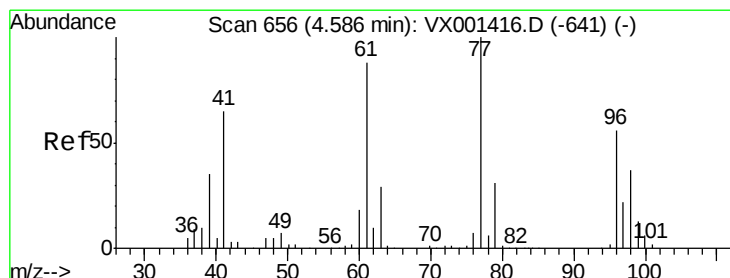
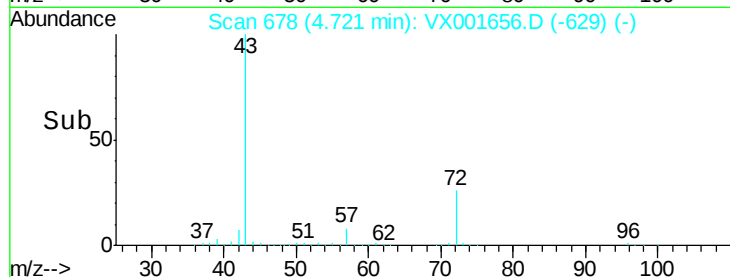
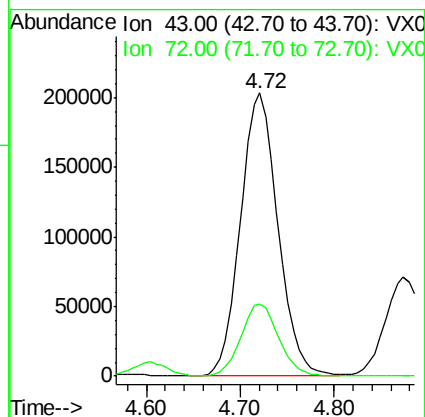
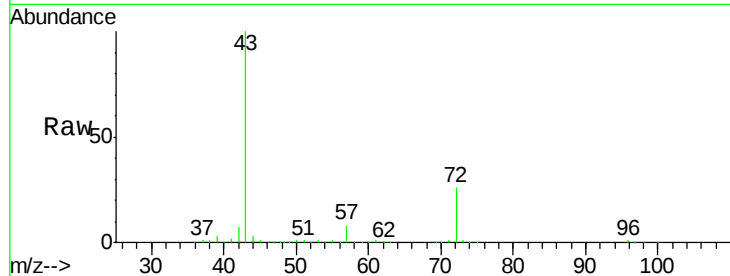
J2741-07MSDMSD

Tgt Ion: 43 Resp: 564880

Ion Ratio Lower Upper

43 100

72 25.6 20.7 31.1



#26

2,2-Dichloropropane

Concen: 41.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001656.D

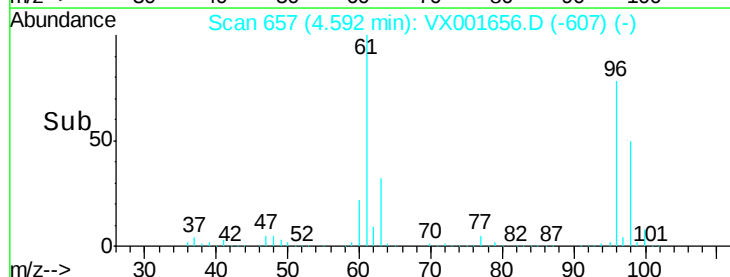
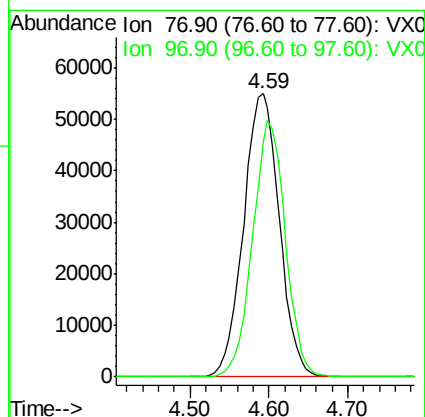
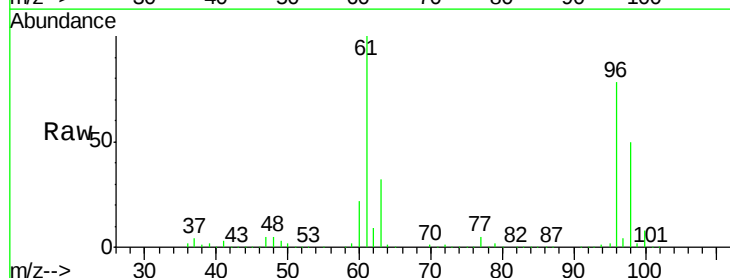
Acq: 11 May 2018 22:48

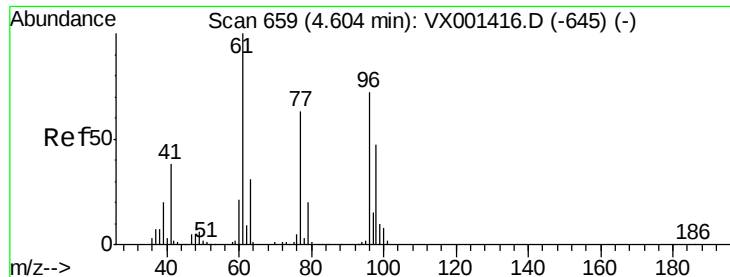
Tgt Ion: 77 Resp: 173340

Ion Ratio Lower Upper

77 100

97 82.9 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 877.06 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

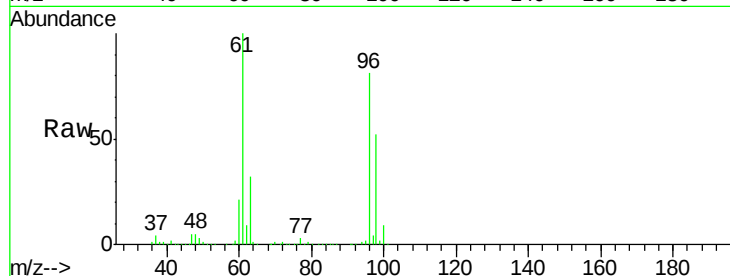
Tgt Ion: 96 Resp: 2908042

Ion Ratio Lower Upper

96 100

61 125.0 0.0 301.6

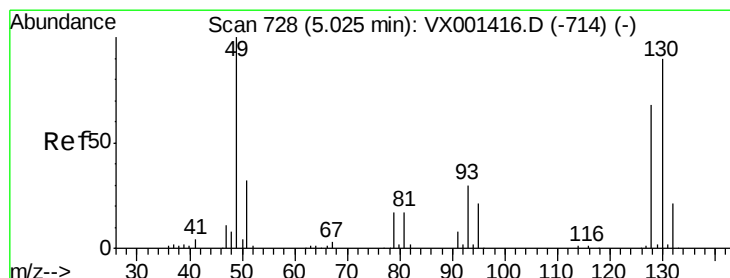
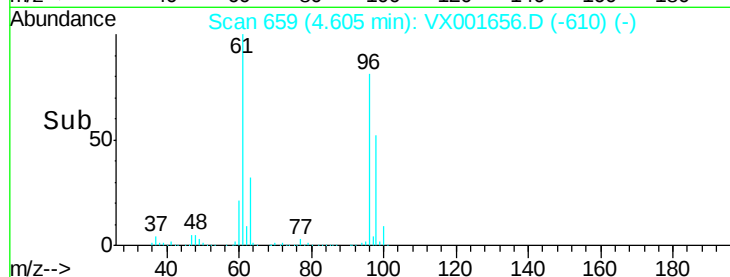
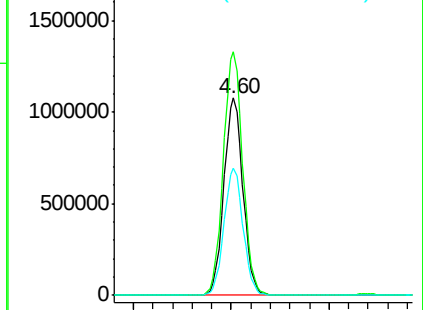
98 64.7 0.0 131.6



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: 49.66 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

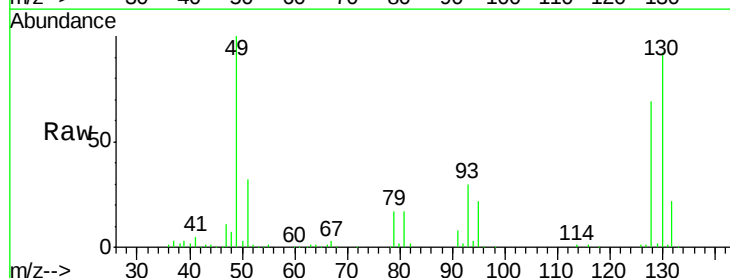
Tgt Ion: 49 Resp: 116889

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

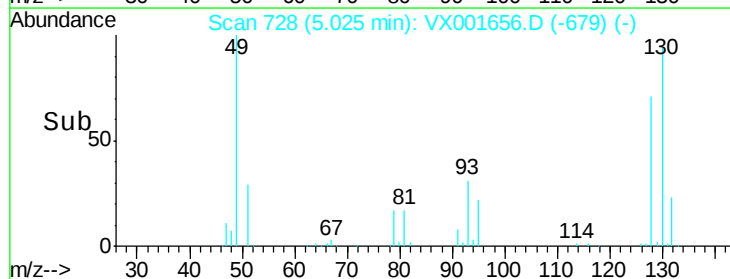
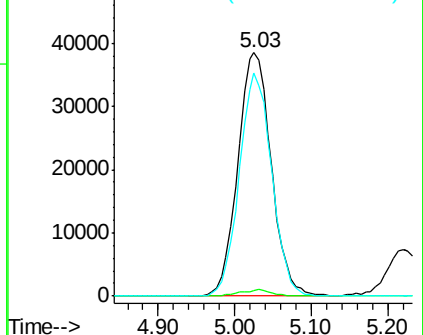
130 88.9 71.9 107.9

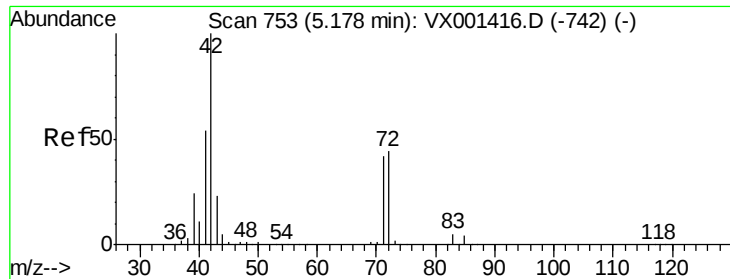


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

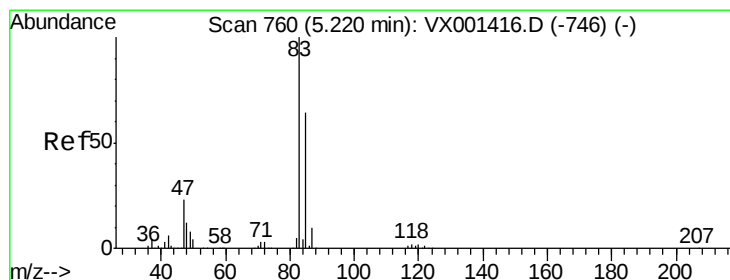
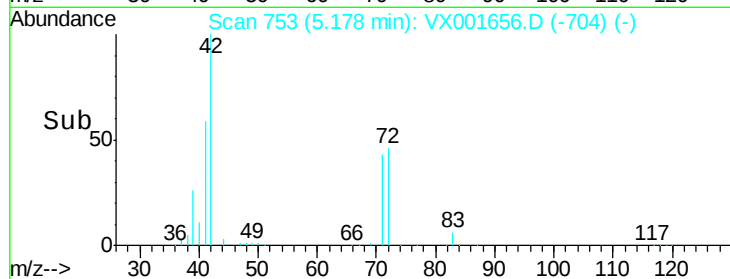
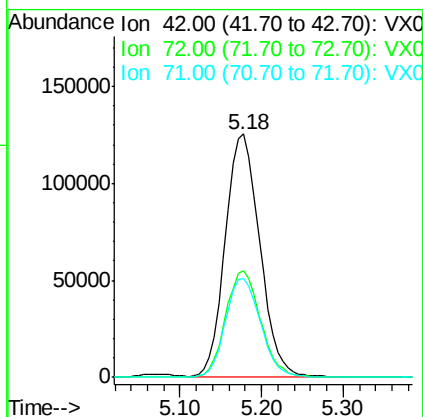
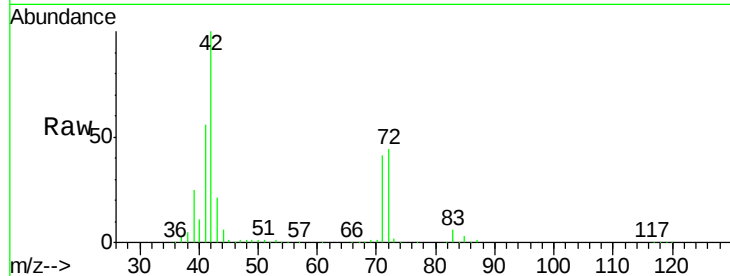




#29
Tetrahydrofuran
Concen: 240.69 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

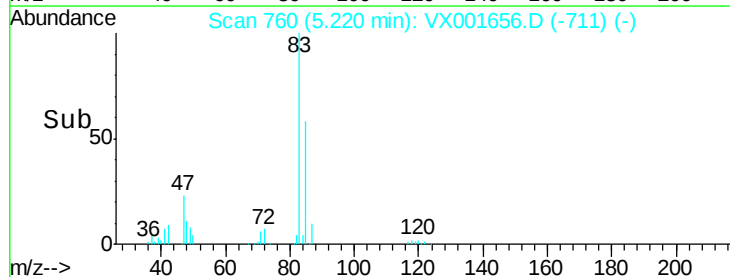
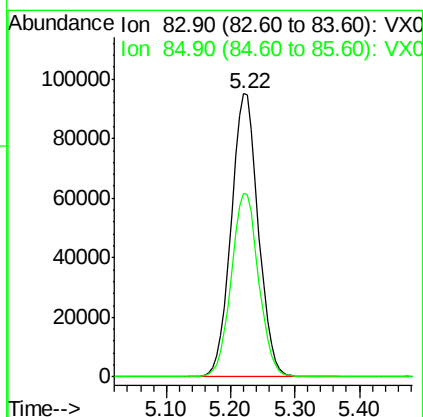
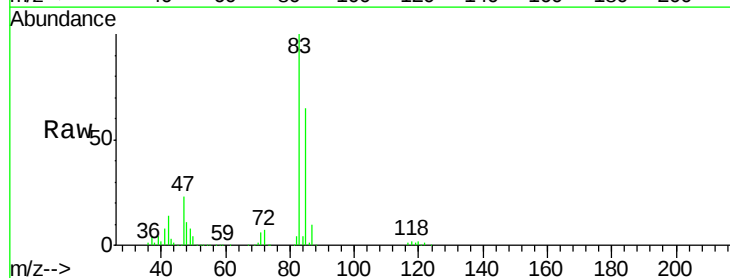
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

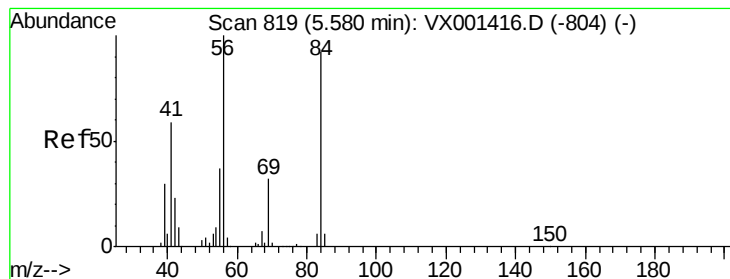
Tgt Ion: 42 Resp: 366280
Ion Ratio Lower Upper
42 100
72 44.6 35.4 53.2
71 41.4 33.0 49.4



#30
Chloroform
Concen: 49.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 83 Resp: 279515
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.4





#31

Cyclohexane

Concen: 46.35 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

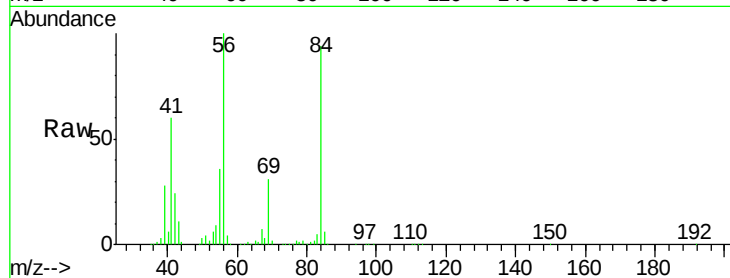
Tgt Ion: 56 Resp: 216118

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

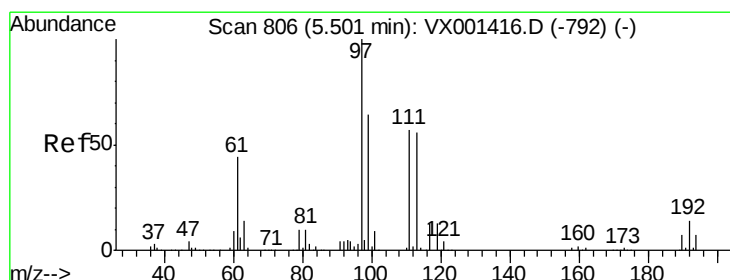
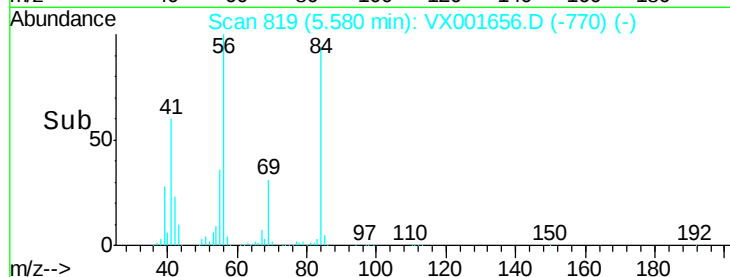
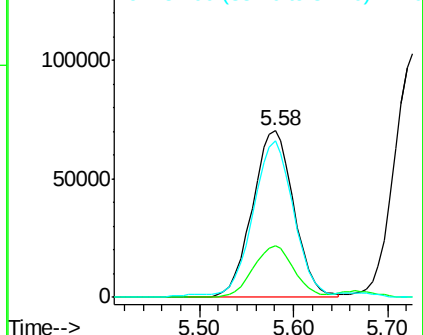
84 92.3 73.8 110.8



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: 50.64 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

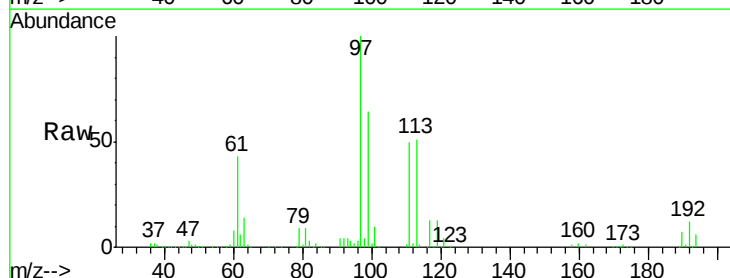
Tgt Ion: 97 Resp: 247518

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

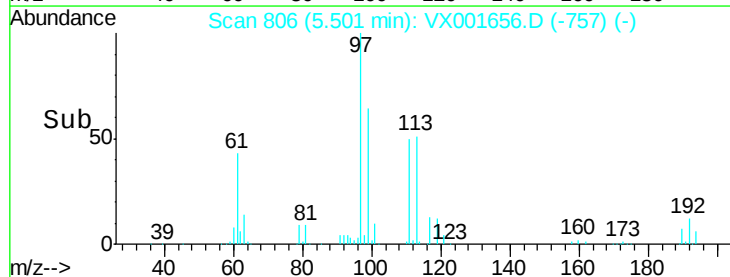
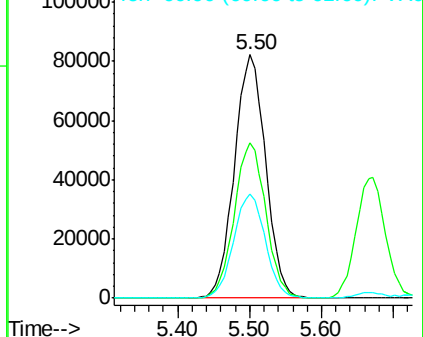
61 43.5 34.8 52.2

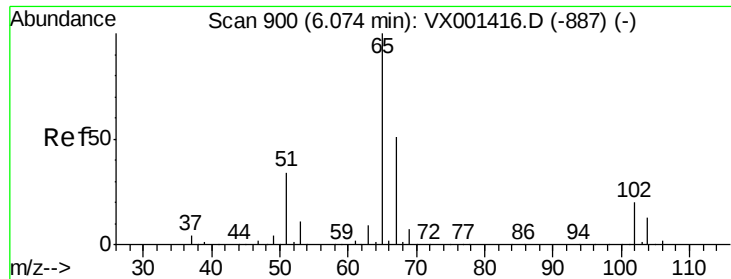


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

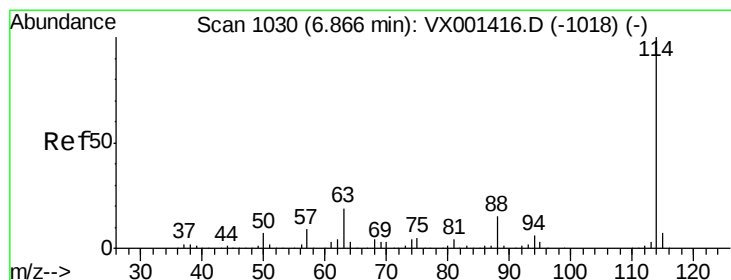
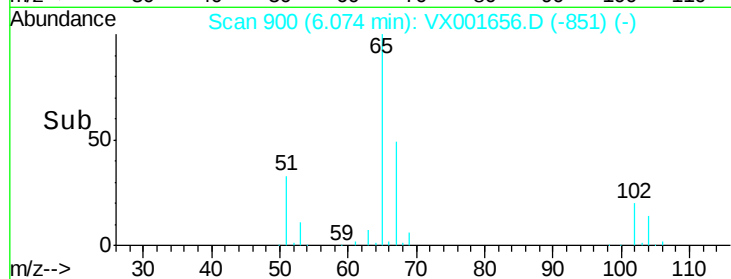
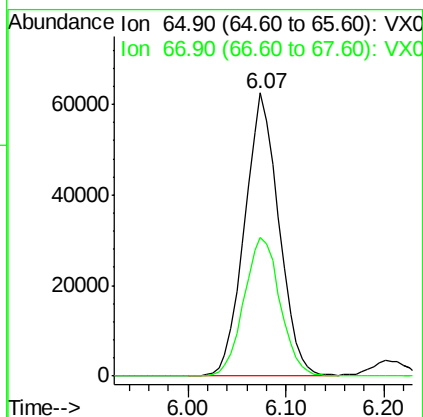
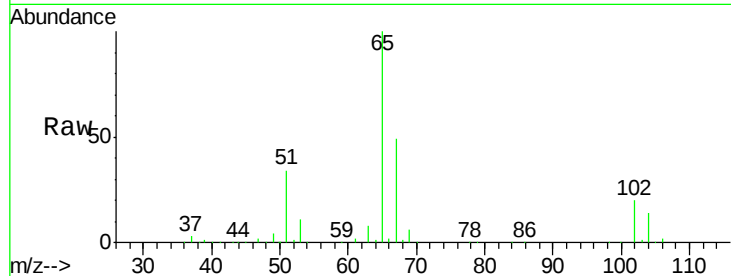




#33
 1,2-Dichloroethane-d4
 Concen: 41.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

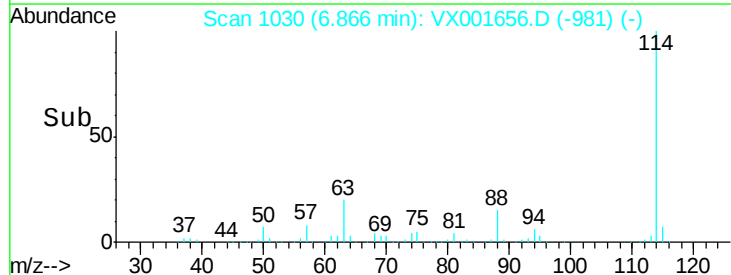
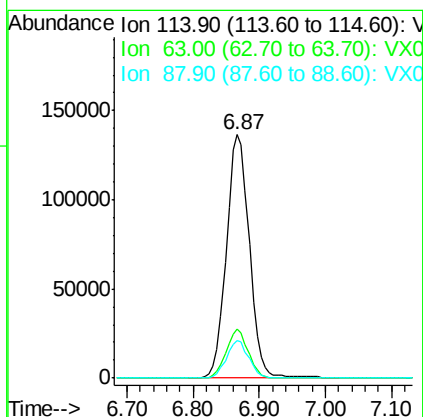
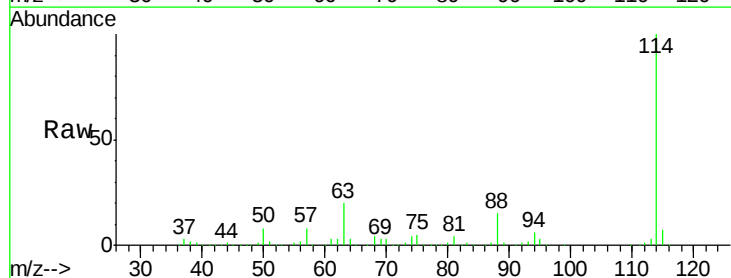
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

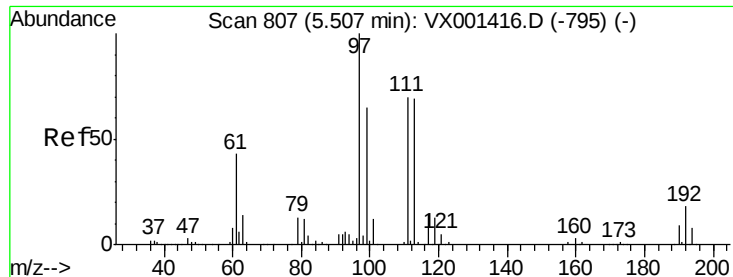
Tgt Ion: 65 Resp: 152142
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion: 114 Resp: 328781
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.2 0.0 30.8

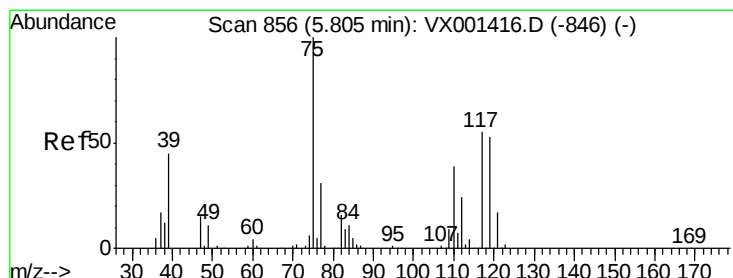
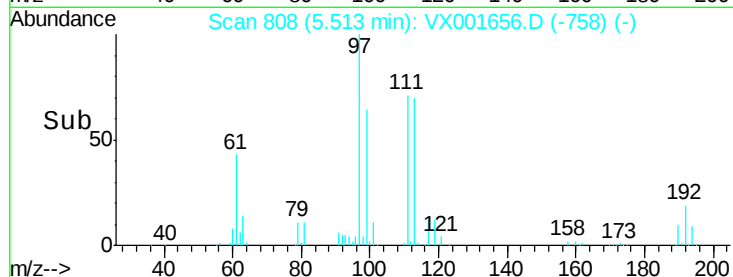
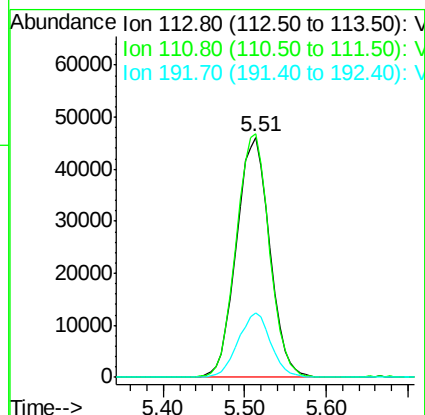
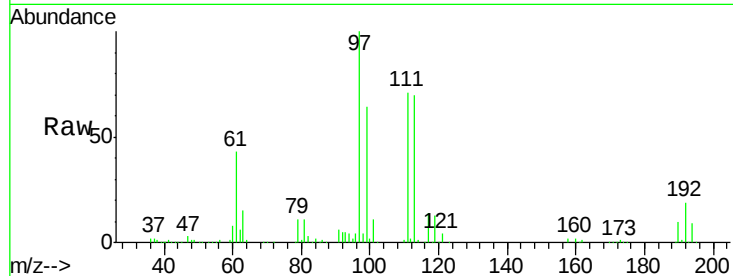




#35
 Dibromofluoromethane
 Concen: 44.54 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

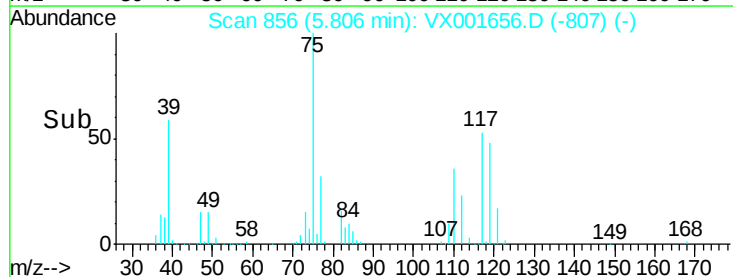
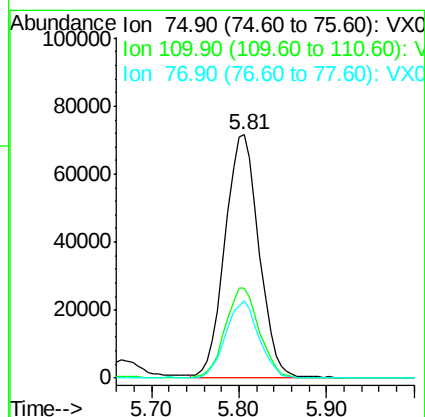
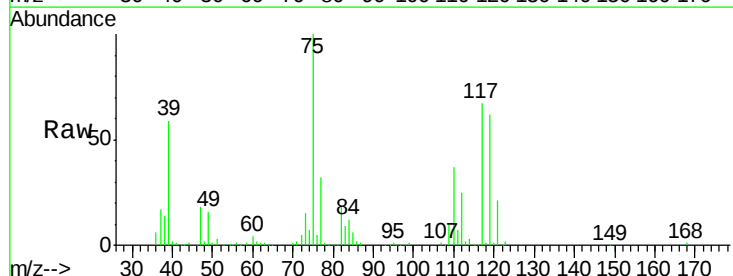
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

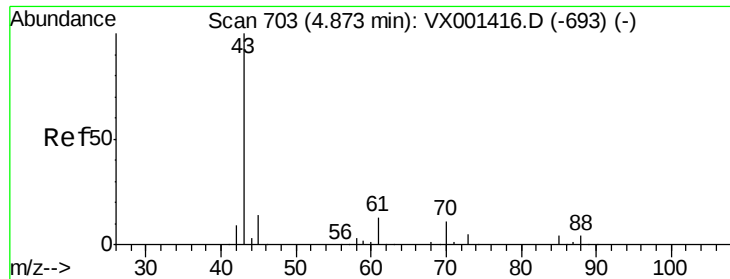
Tgt Ion:113 Resp: 130248
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 46.04 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion: 75 Resp: 192542
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.9 56.7
 77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 44.75 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

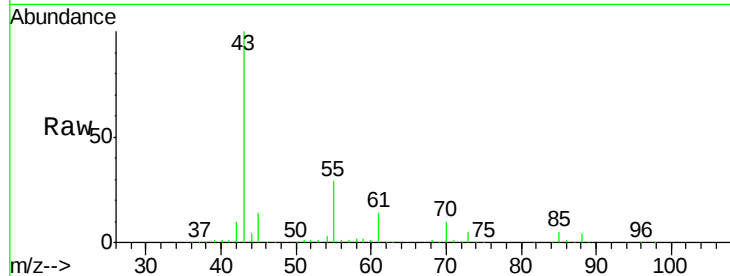
Tgt Ion: 43 Resp: 205153

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

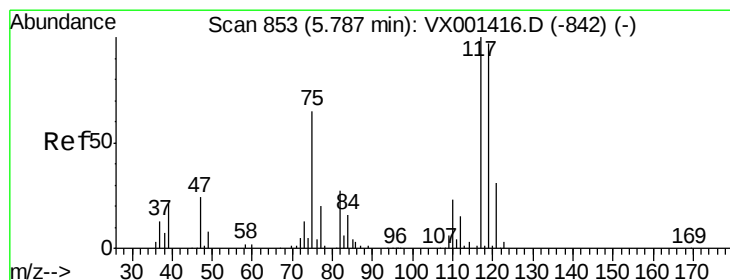
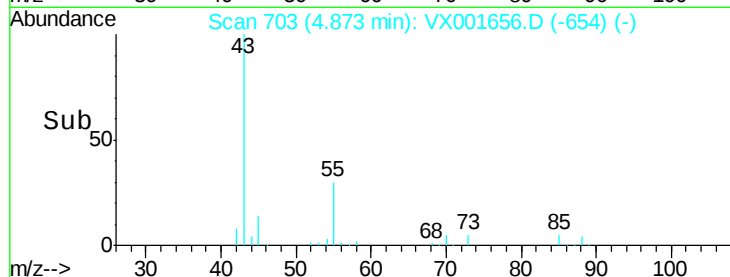
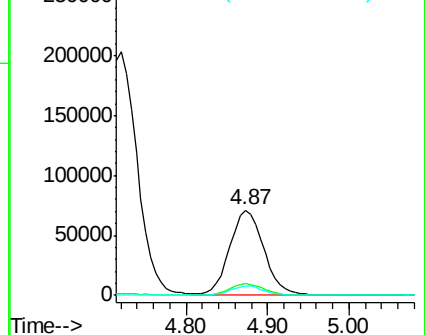
70 10.6 8.4 12.6



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: 49.97 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

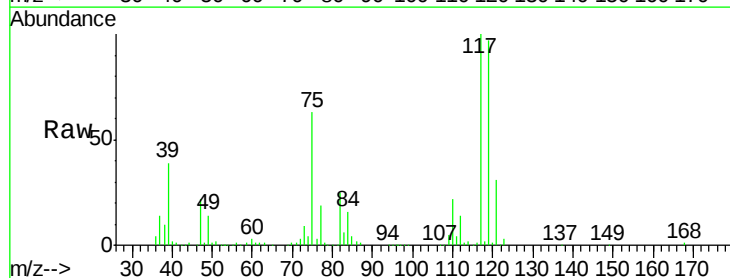
Tgt Ion: 117 Resp: 222888

Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6

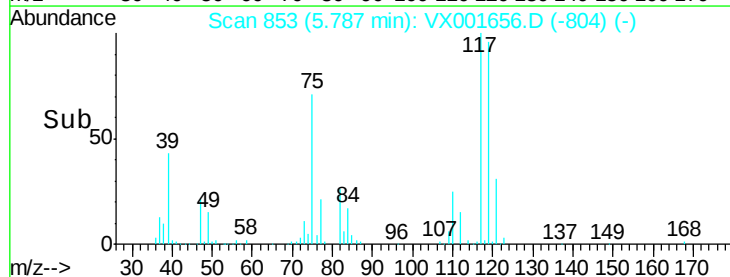
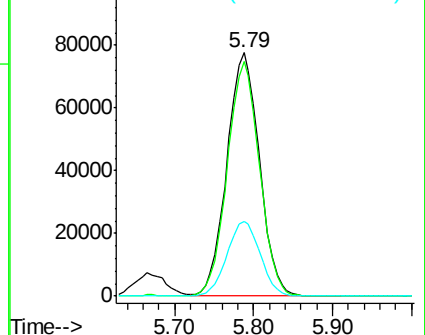
121 30.9 25.1 37.7

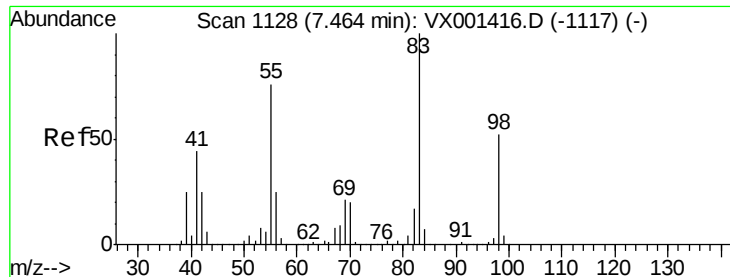


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

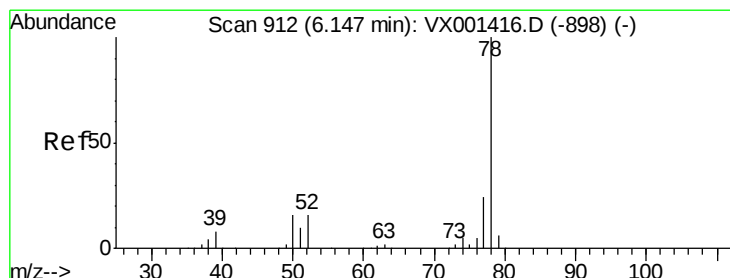
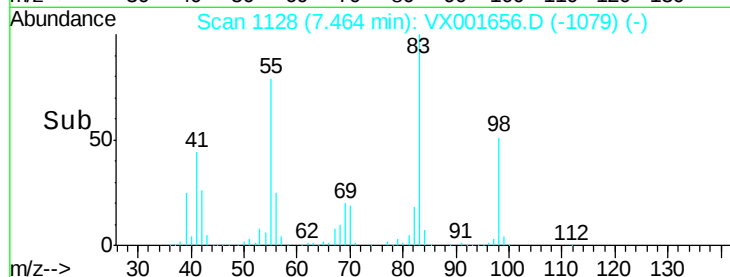
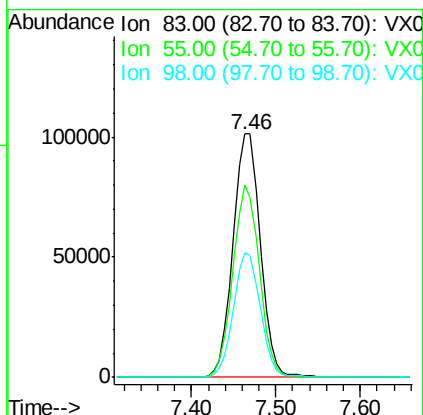
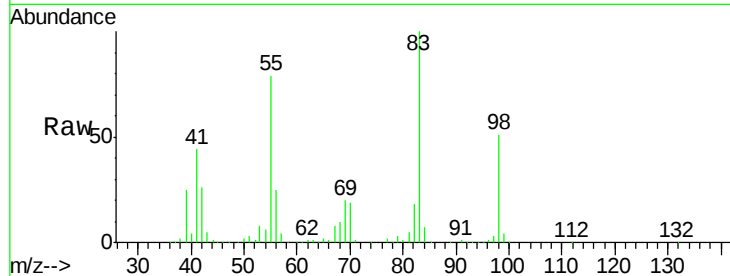




#39
Methylcyclohexane
Concen: 45.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

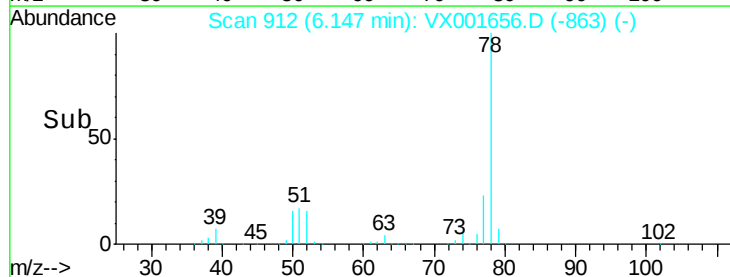
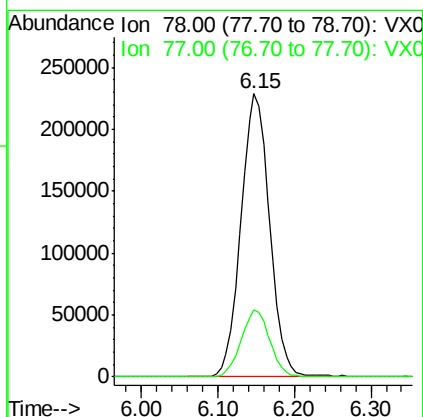
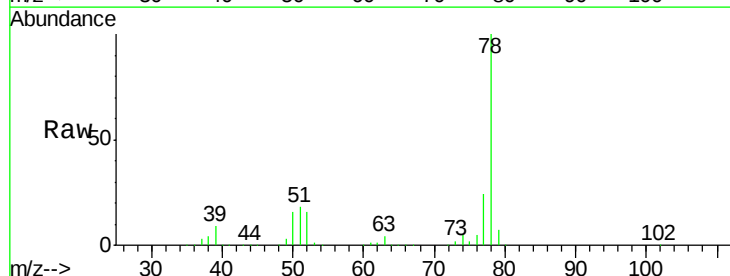
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

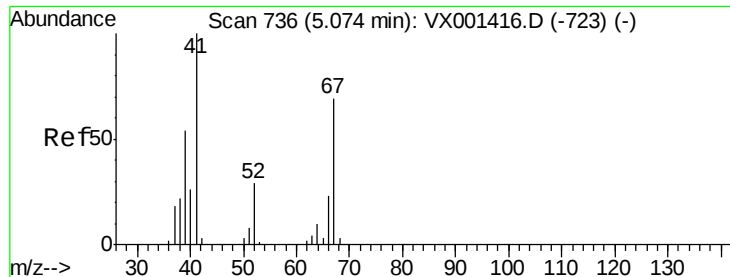
Tgt Ion: 83 Resp: 222667
Ion Ratio Lower Upper
83 100
55 79.2 60.9 91.3
98 51.4 41.9 62.9



#40
Benzene
Concen: 48.69 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 78 Resp: 594772
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

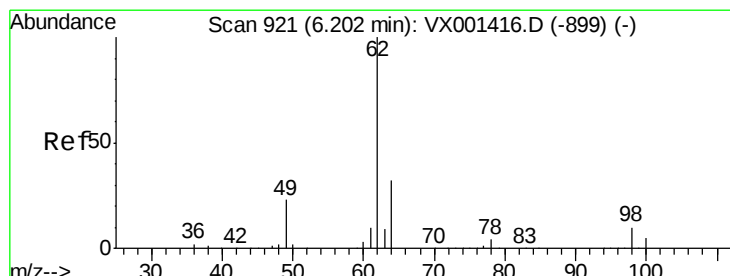
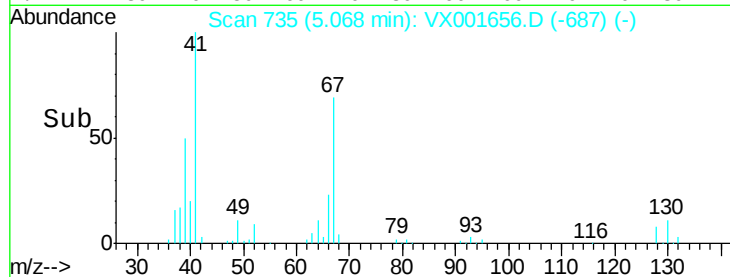
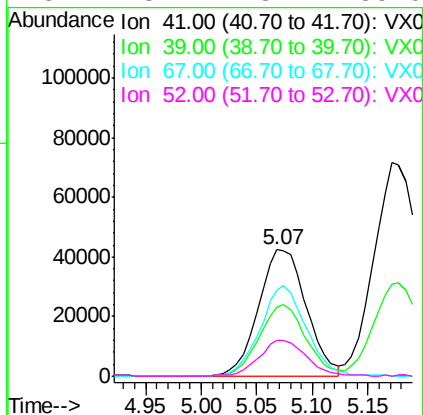
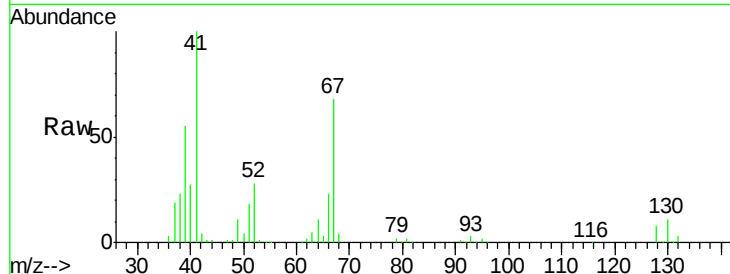




#41
Methacrylonitrile
Concen: 48.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

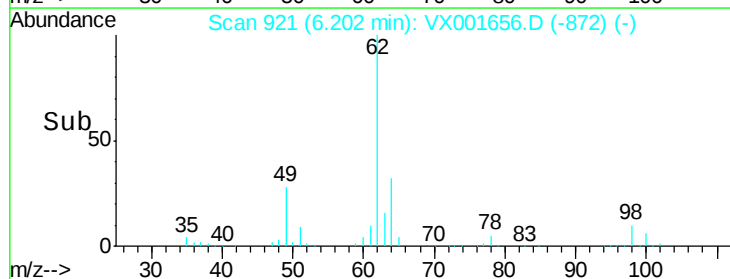
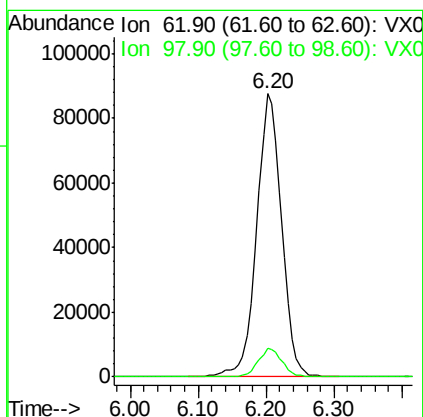
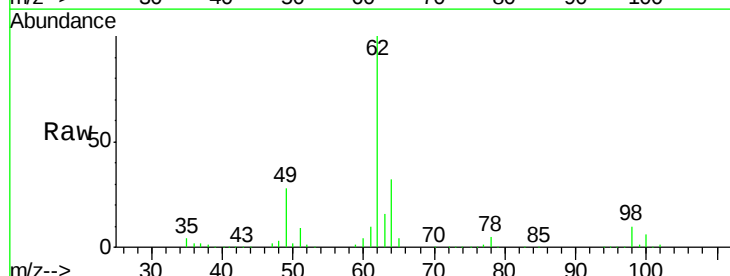
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

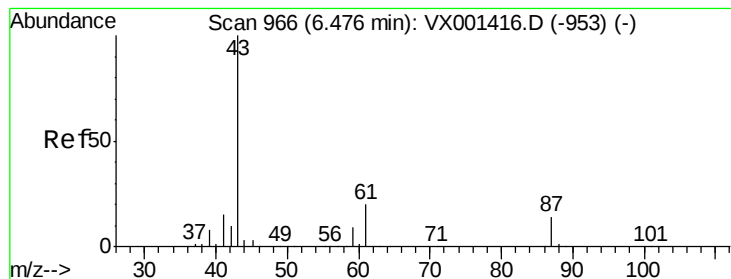
Tgt Ion:	41	Resp:	126120
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.0	67.6
67	69.6	55.0	82.6
52	28.1	23.4	35.0



#42
1,2-Dichloroethane
Concen: 47.86 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion:	62	Resp:	224683
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 48.04 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

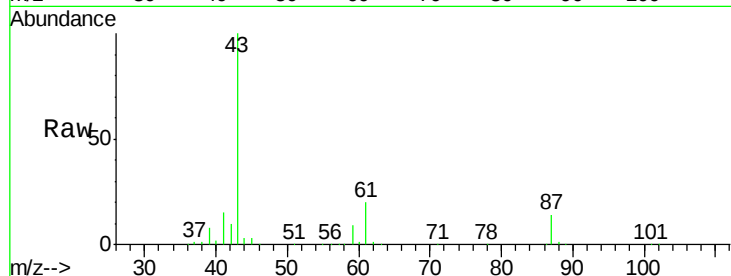
Tgt Ion: 43 Resp: 338068

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

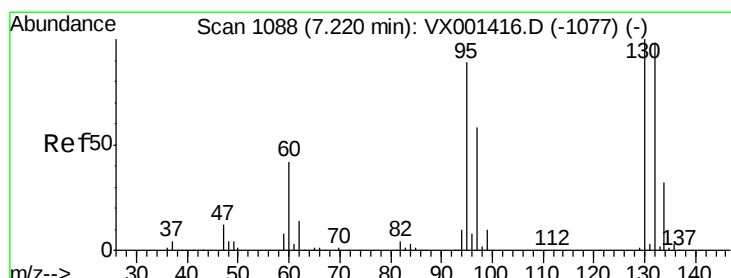
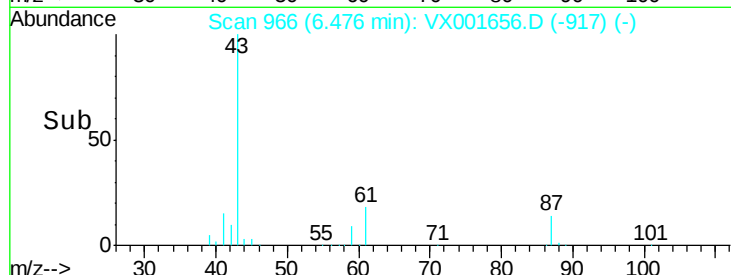
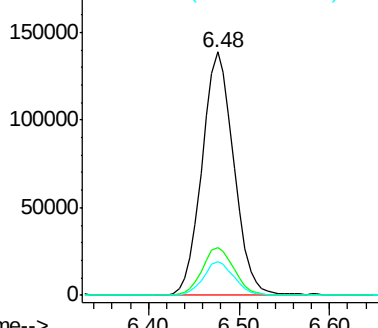
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX001416.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX001416.D (-953) (-)



#44

Trichloroethene

Concen: 48.38 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001656.D

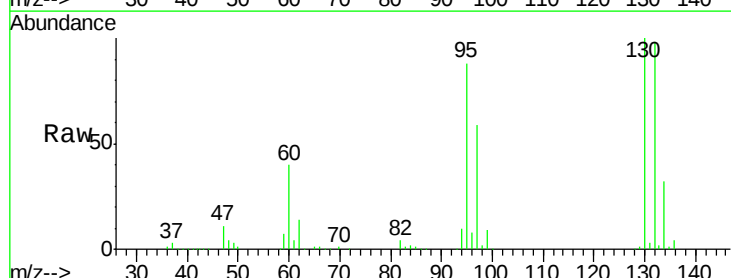
Acq: 11 May 2018 22:48

Tgt Ion: 130 Resp: 180631

Ion Ratio Lower Upper

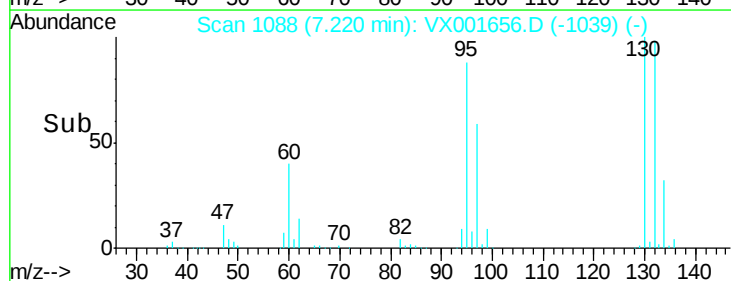
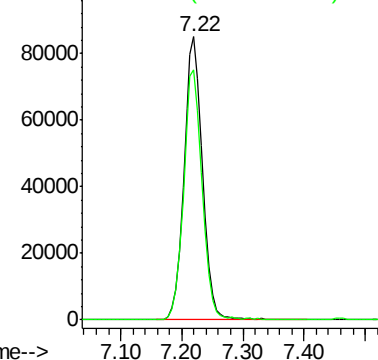
130 100

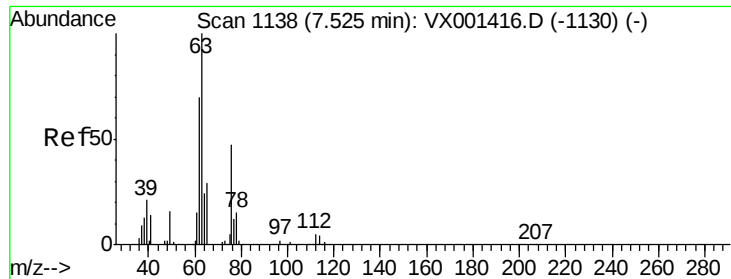
95 88.5 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VX001416.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001416.D (-1077) (-)

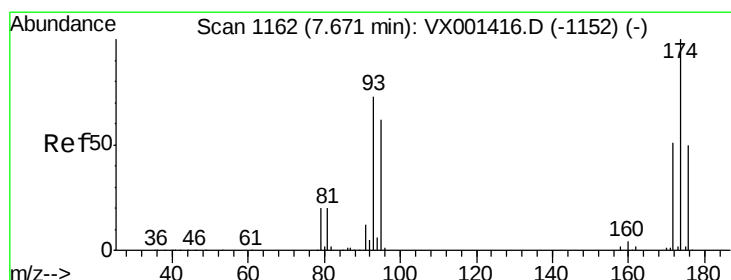
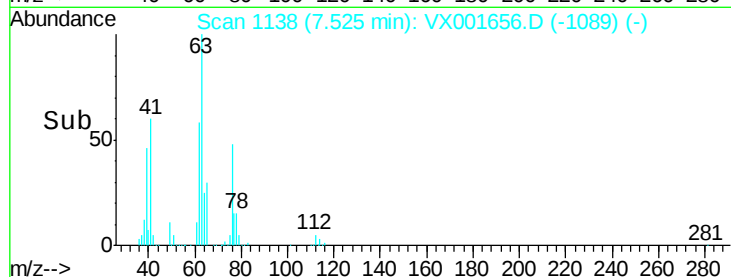
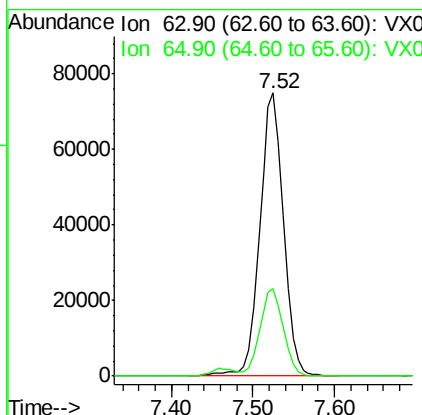
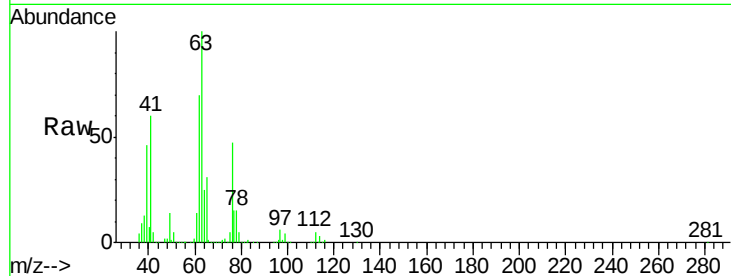




#45
 1,2-Dichloropropane
 Concen: 50.09 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

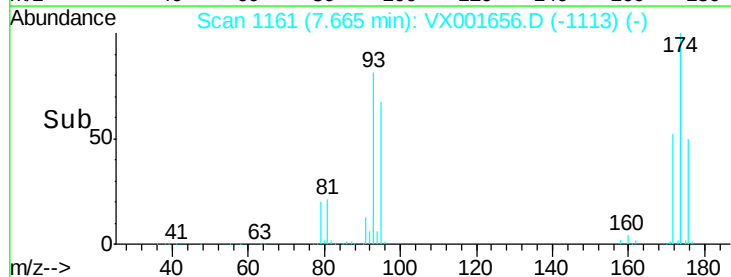
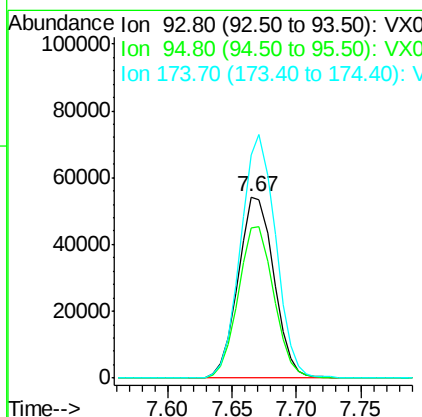
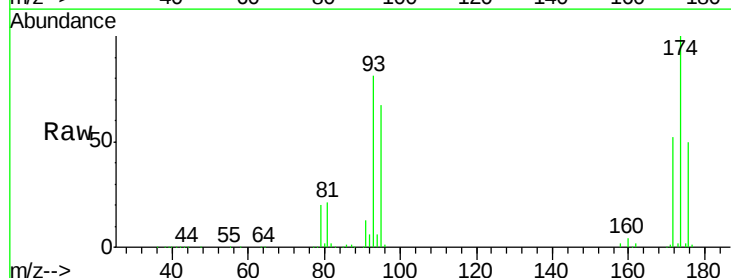
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

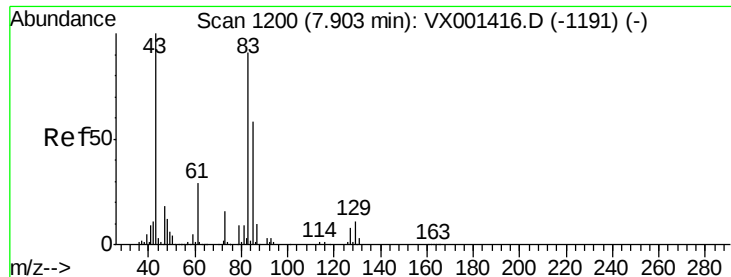
Tgt Ion: 63 Resp: 152529
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 48.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion: 93 Resp: 104814
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 131.5 104.5 156.7





#47

Bromodichloromethane

Concen: 52.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

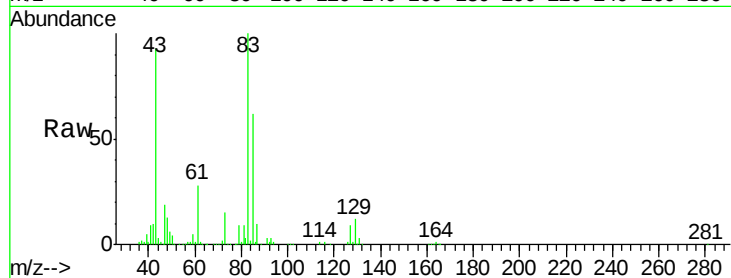
Tgt Ion: 83 Resp: 208219

Ion Ratio Lower Upper

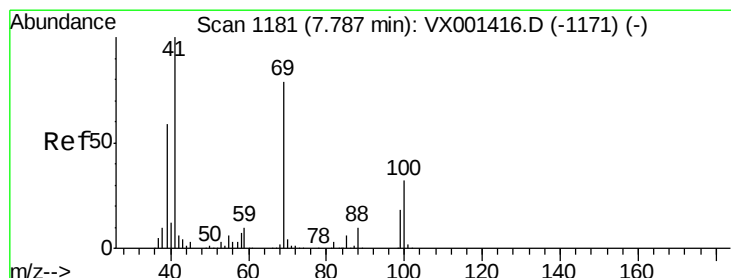
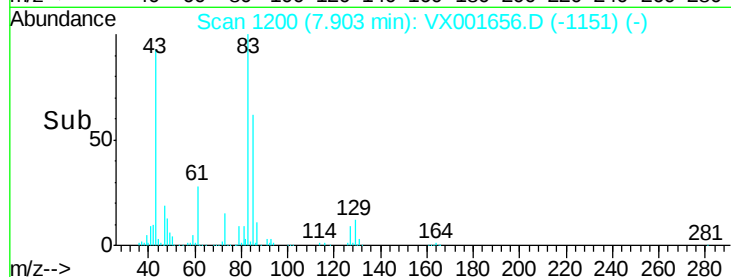
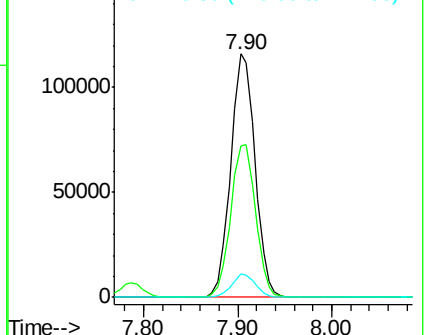
83 100

85 62.2 51.0 76.6

127 9.4 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: 49.44 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

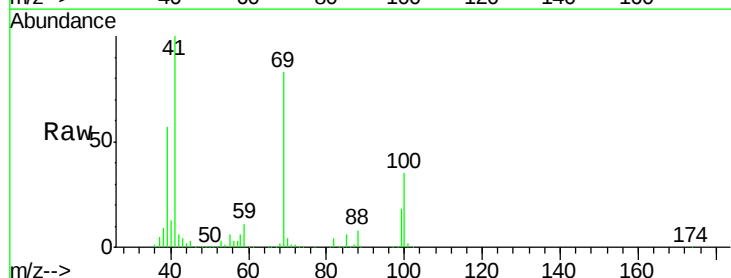
Tgt Ion: 41 Resp: 189451

Ion Ratio Lower Upper

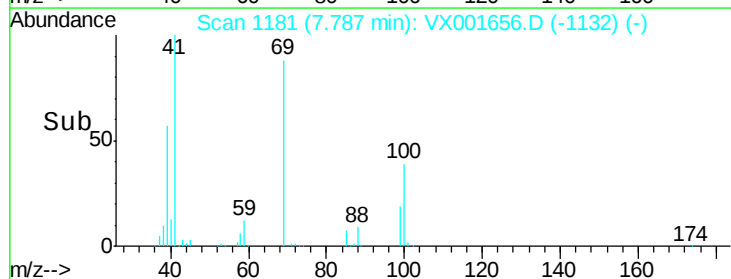
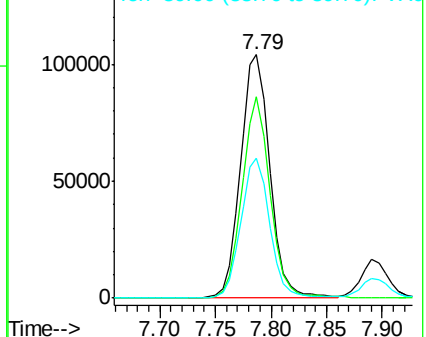
41 100

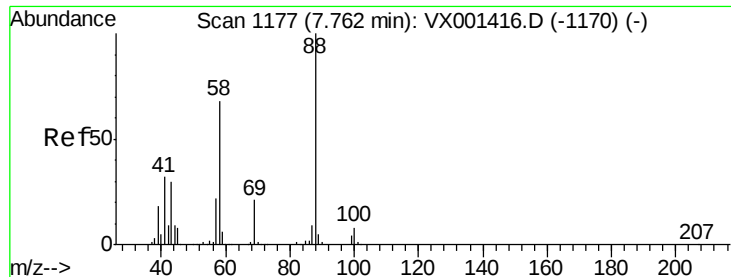
69 79.7 63.4 95.2

39 56.6 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

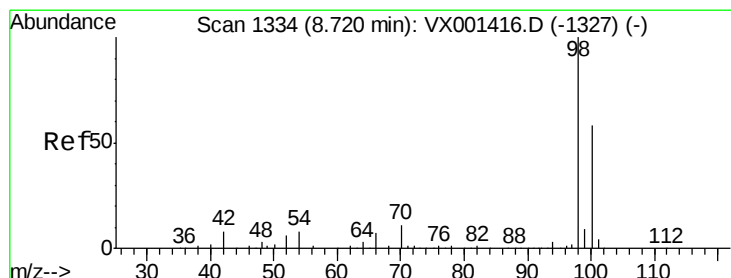
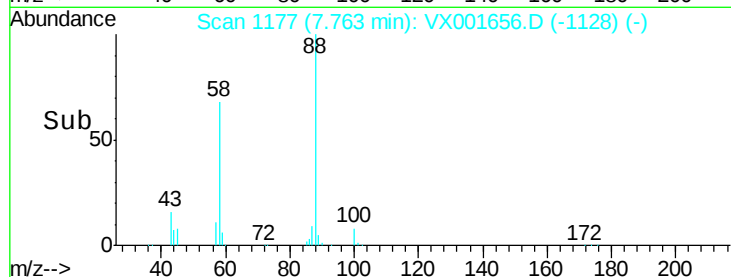
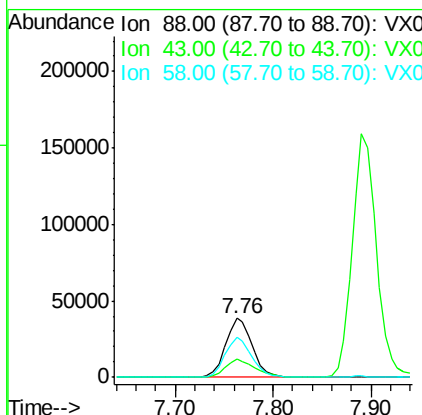
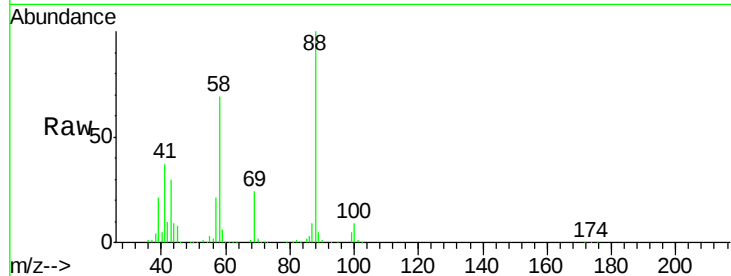




#49
1,4-Dioxane
Concen: 873.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

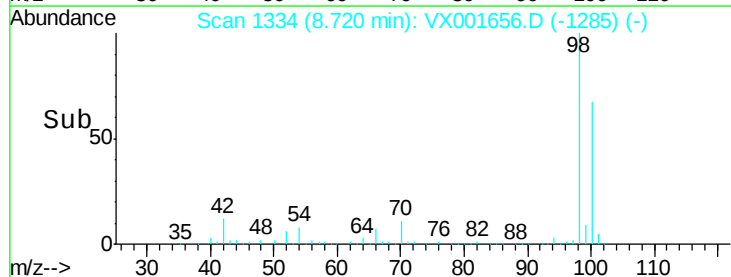
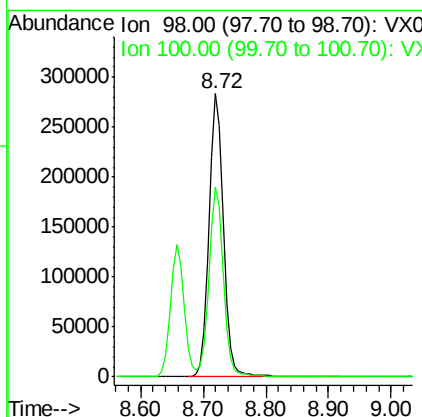
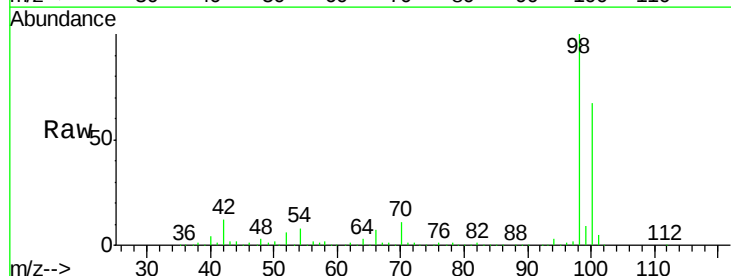
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

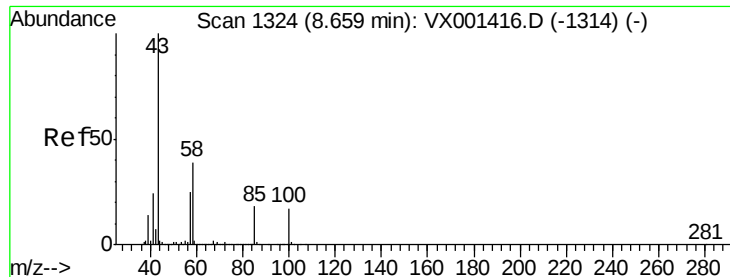
Tgt Ion: 88 Resp: 72310
Ion Ratio Lower Upper
88 100
43 33.9 26.4 39.6
58 68.8 54.1 81.1



#50
Toluene-d8
Concen: 42.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 98 Resp: 451216
Ion Ratio Lower Upper
98 100
100 67.2 54.0 81.0

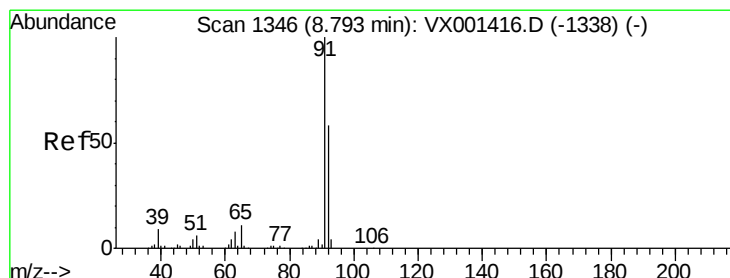
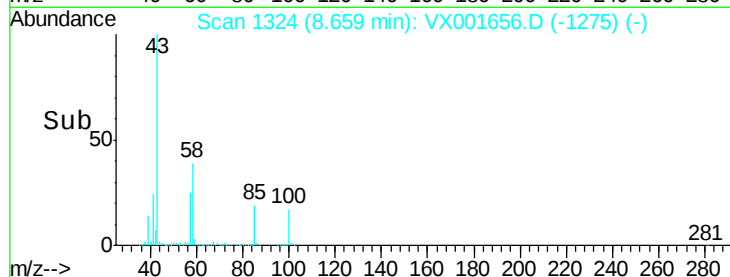
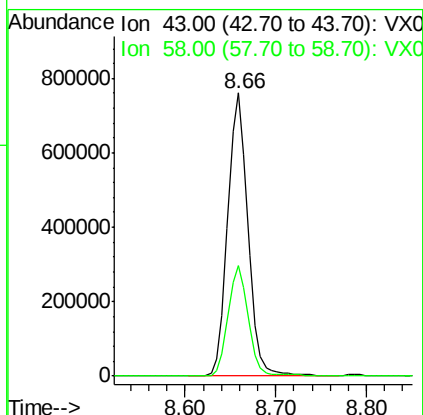
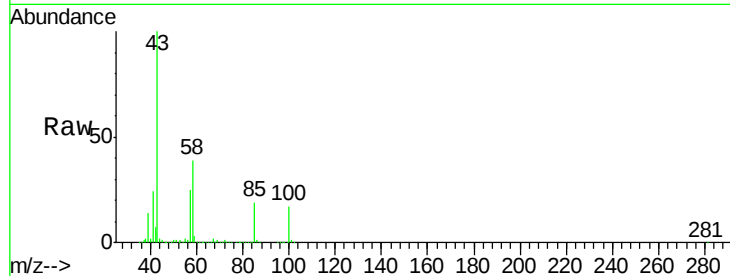




#51
 4-Methyl-2-Pentanone
 Concen: 252.58 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

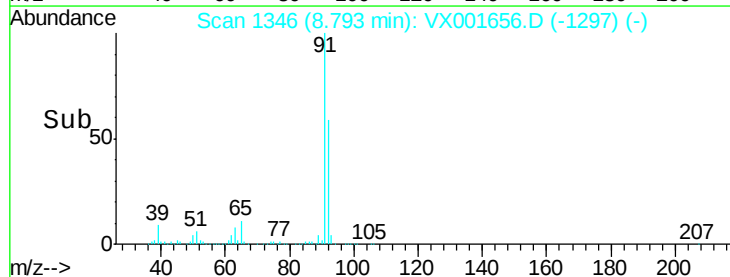
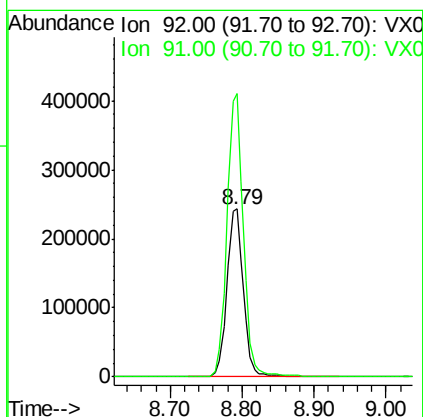
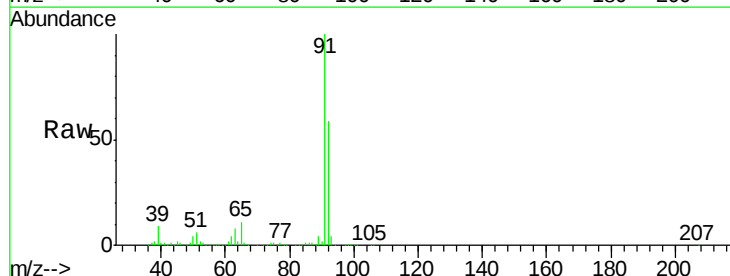
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

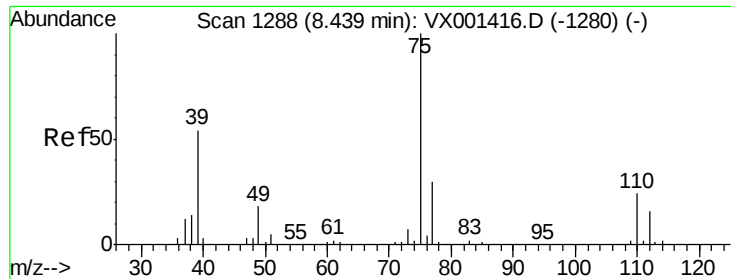
Tgt Ion: 43 Resp: 1181252
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.8 46.2



#52
 Toluene
 Concen: 48.93 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion: 92 Resp: 390805
 Ion Ratio Lower Upper
 92 100
 91 167.3 135.2 202.8

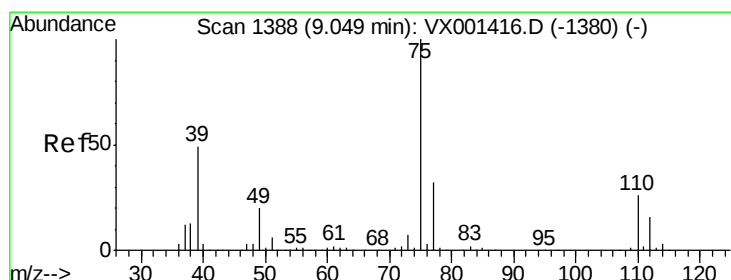
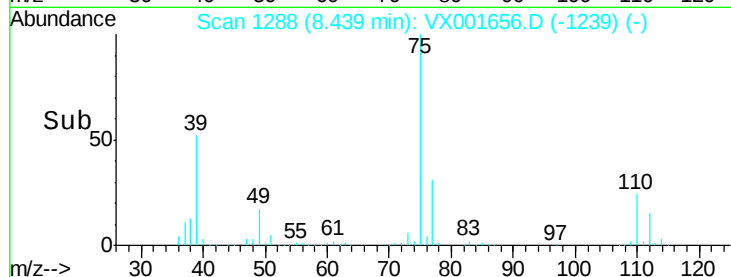
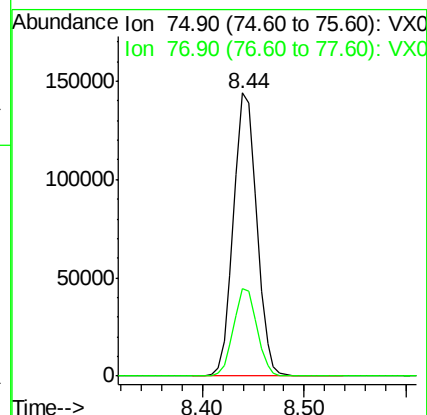
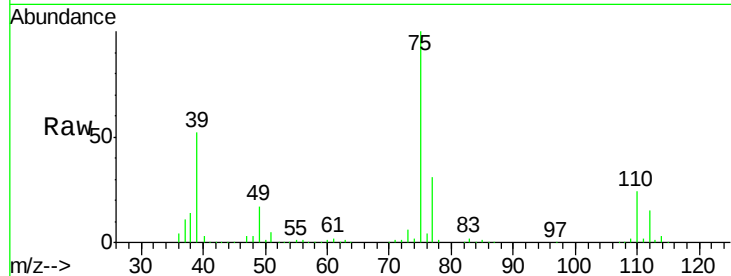




#53
t-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

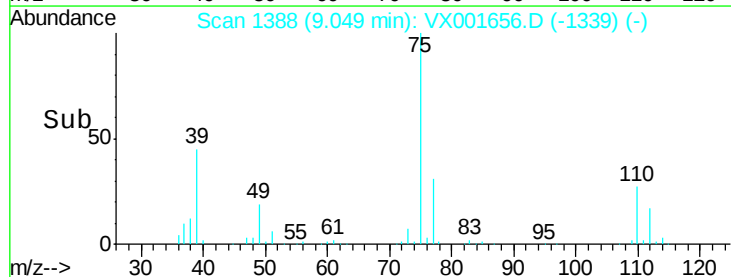
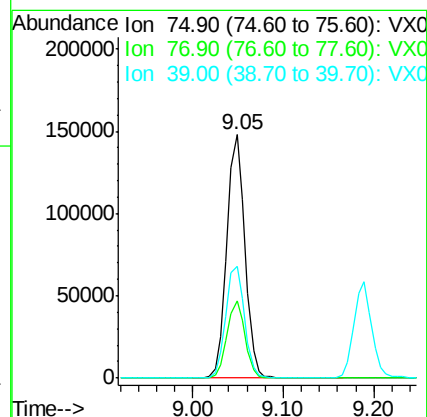
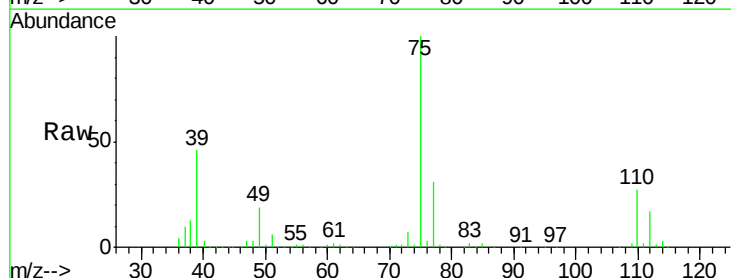
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tgt Ion: 75 Resp: 227125
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 44.60 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 75 Resp: 206718
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 45.8 38.9 58.3

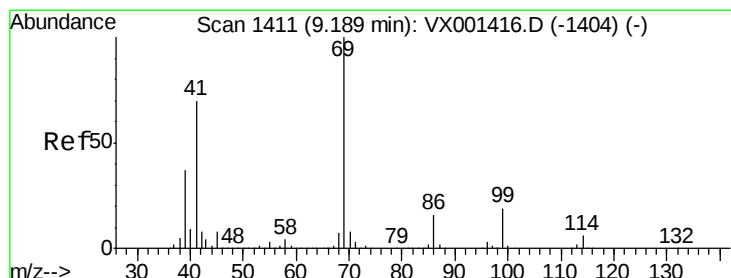
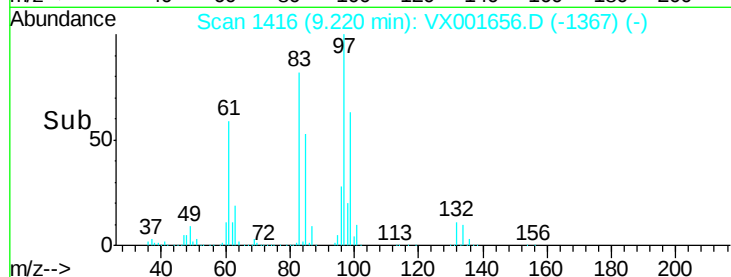
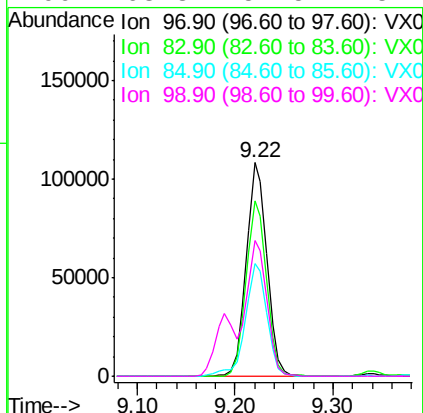
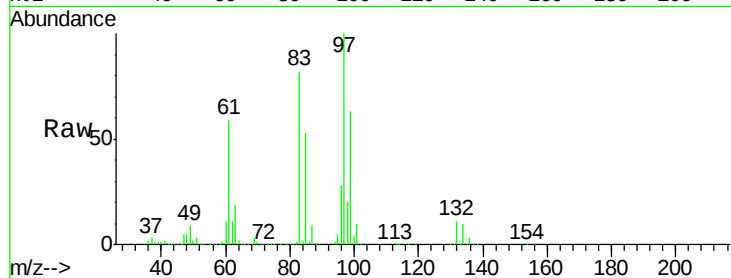




#55
 1,1,2-Trichloroethane
 Concen: 49.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

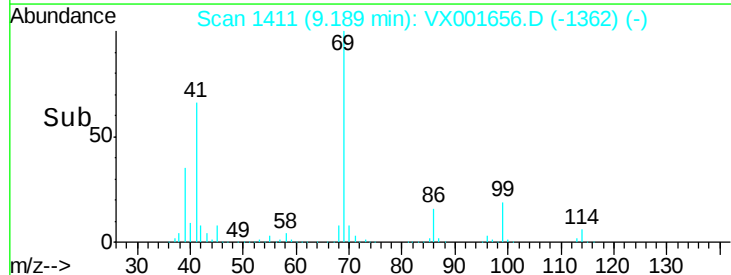
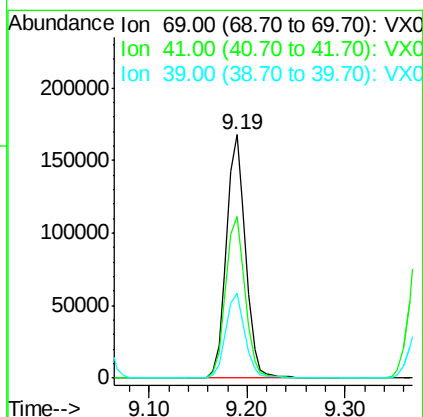
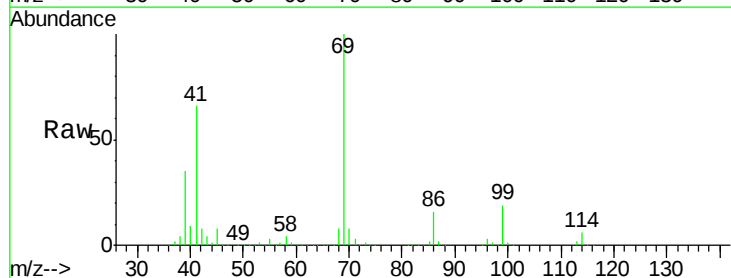
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

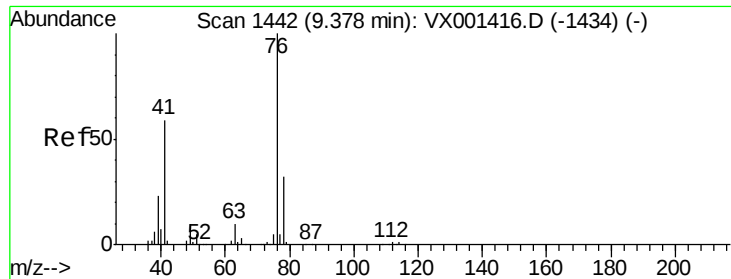
Tgt Ion:	97	Resp:	158481
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.0
85	52.8	43.3	64.9
99	63.3	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 49.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion:	69	Resp:	228891
Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.1	82.7
39	35.2	29.9	44.9





#57

1,3-Dichloropropane

Concen: 48.21 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

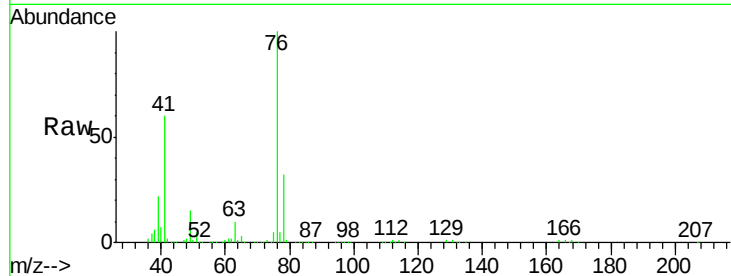
J2741-07MSDMSD

Tgt Ion: 76 Resp: 256543

Ion Ratio Lower Upper

76 100

78 32.1 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

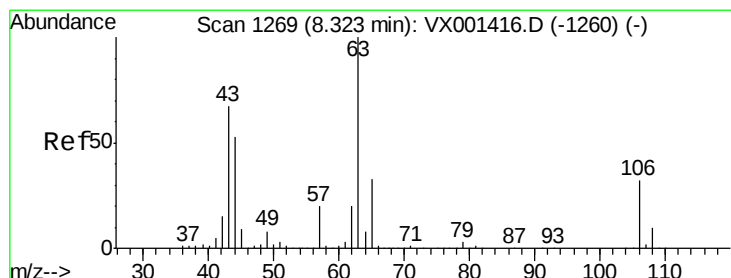
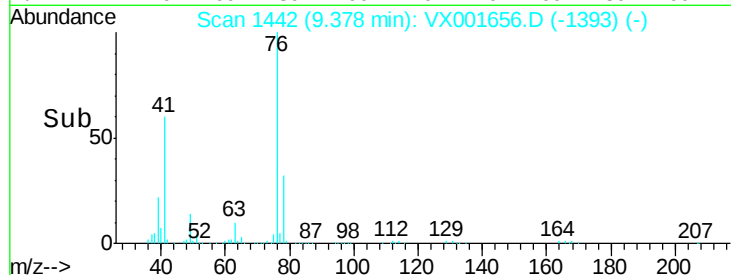
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 0.21 ug/l

RT: 8.29 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VX001656.D

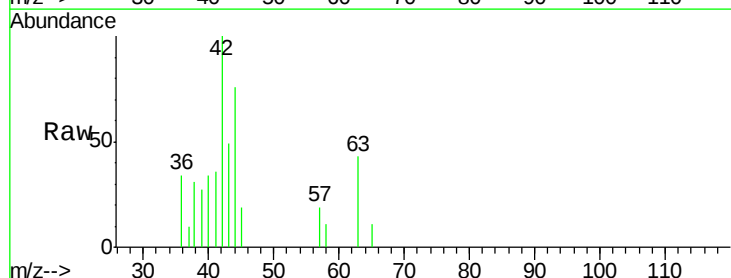
Acq: 11 May 2018 22:48

Tgt Ion: 63 Resp: 471

Ion Ratio Lower Upper

63 100

106 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300

250

200

150

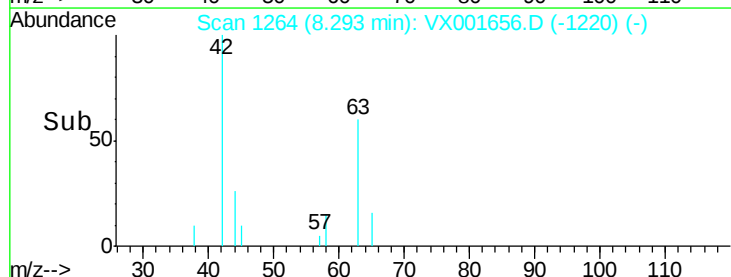
100

50

0

Time-->

8.25 8.30 8.35

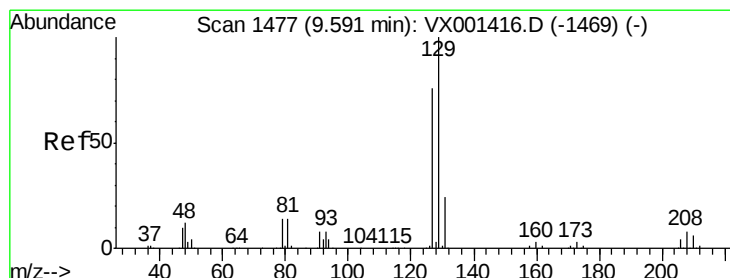
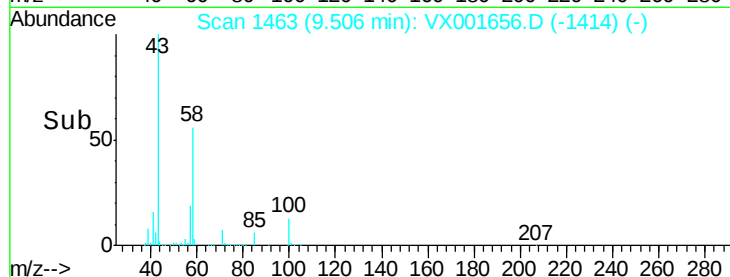
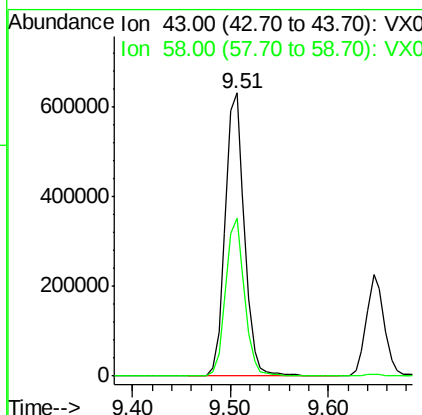
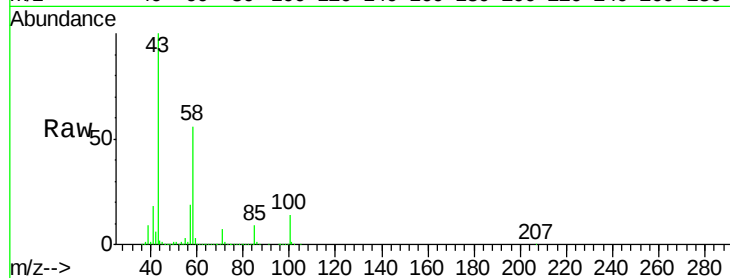




#59
2-Hexanone
Concen: 240.27 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

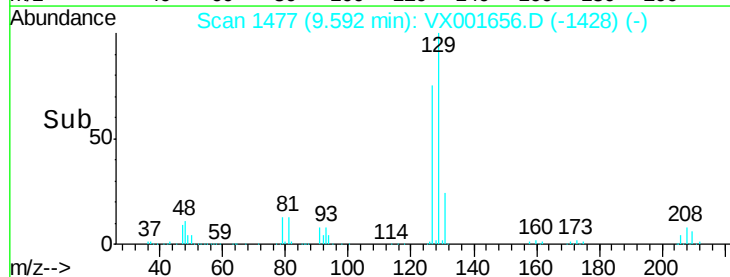
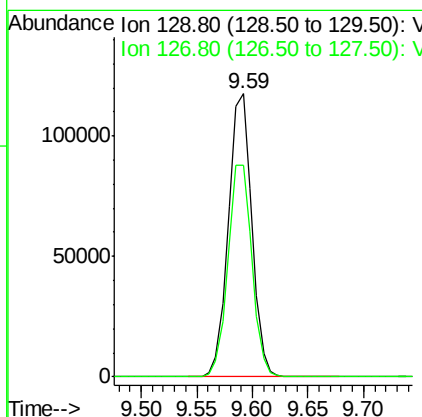
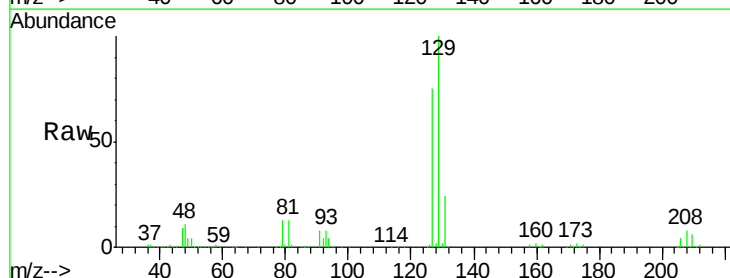
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

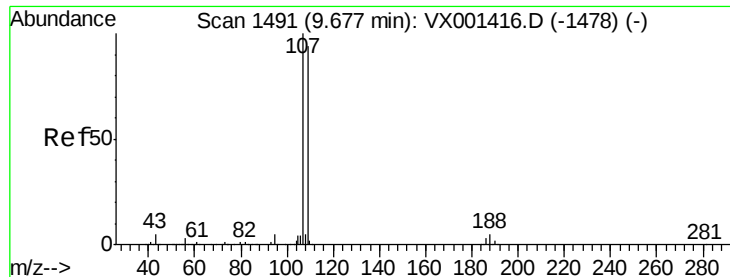
Tgt Ion: 43 Resp: 860440
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.2



#60
Dibromochloromethane
Concen: 51.87 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 129 Resp: 170922
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

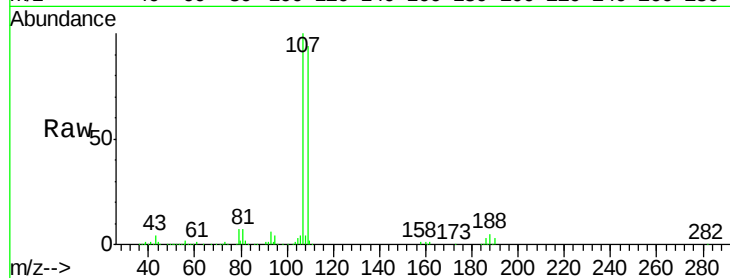
J2741-07MSDMSD

Tgt Ion: 107 Resp: 164751

Ion Ratio Lower Upper

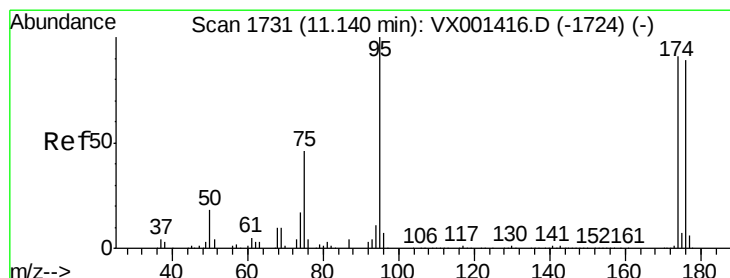
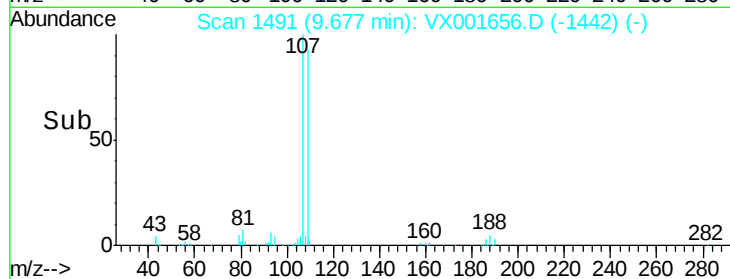
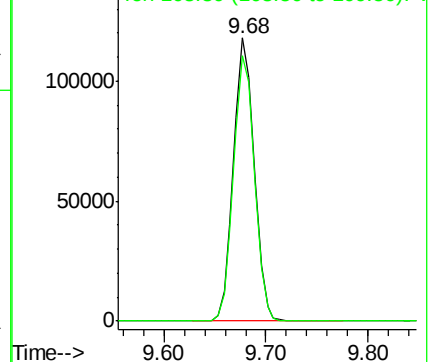
107 100

109 95.3 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

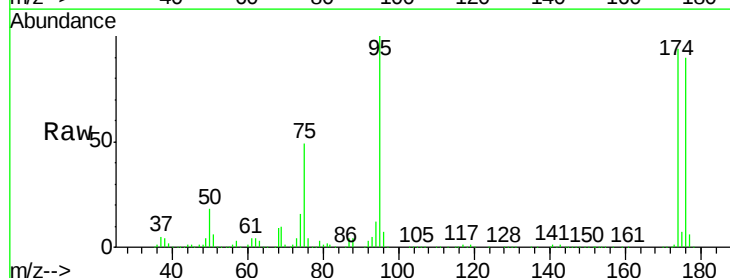
Tgt Ion: 95 Resp: 167366

Ion Ratio Lower Upper

95 100

174 102.7 0.0 202.0

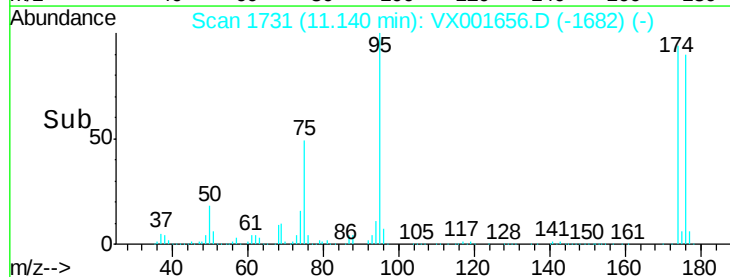
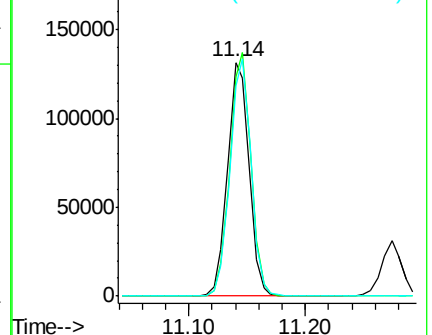
176 99.7 0.0 197.4

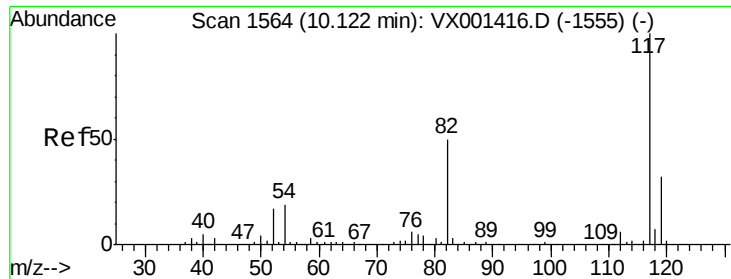


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1564

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

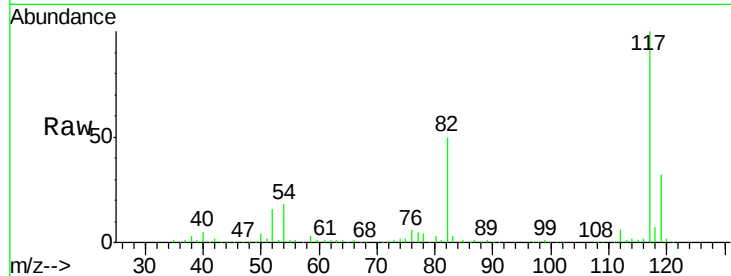
Tgt Ion:117 Resp: 307315

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

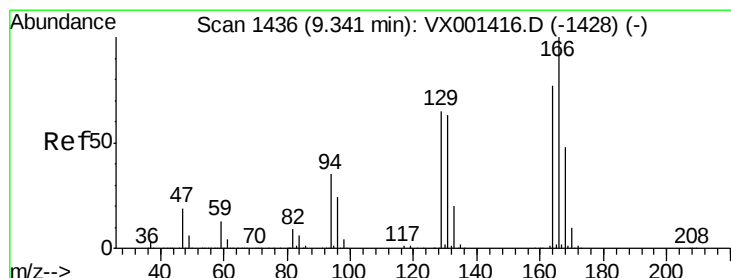
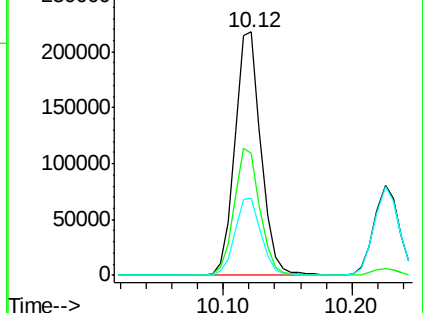
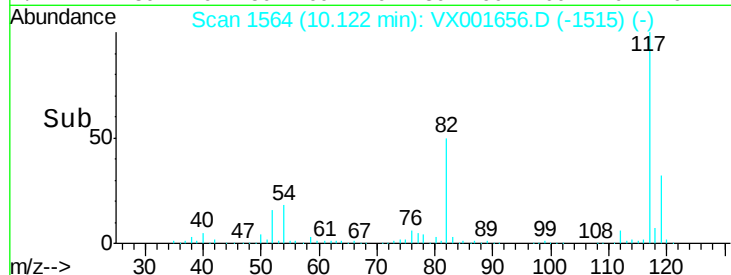
119 31.9 25.8 38.8



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: 45.67 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:164 Resp: 195612

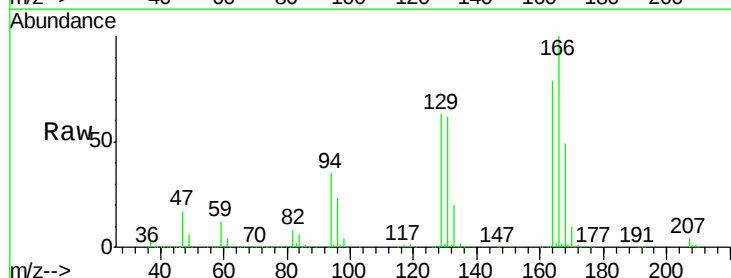
Ion Ratio Lower Upper

164 100

166 126.8 103.5 155.3

129 80.3 66.7 100.1

131 78.7 64.9 97.3

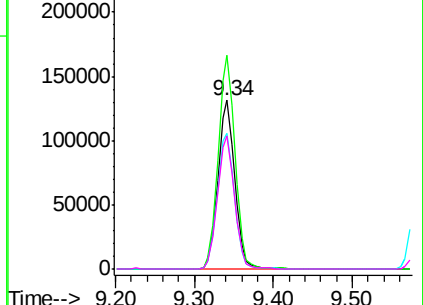
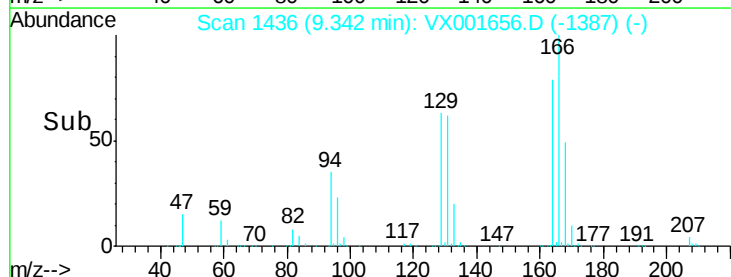


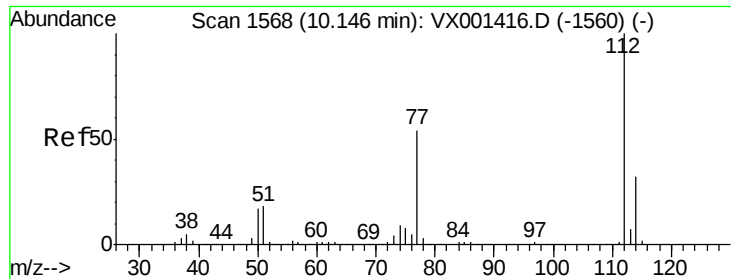
Abundance Ion 163.80 (163.50 to 164.50): V

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

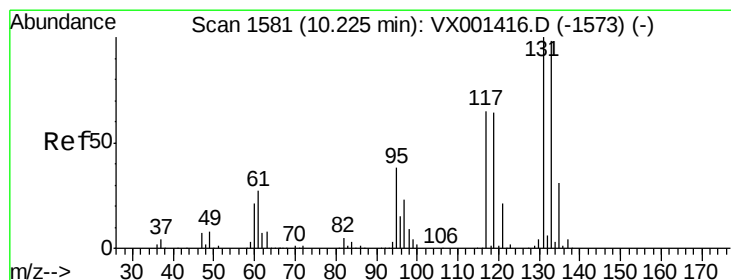
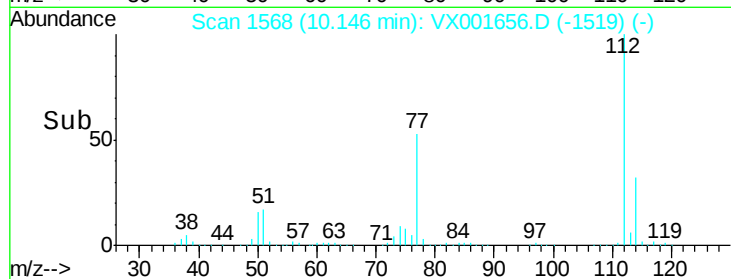
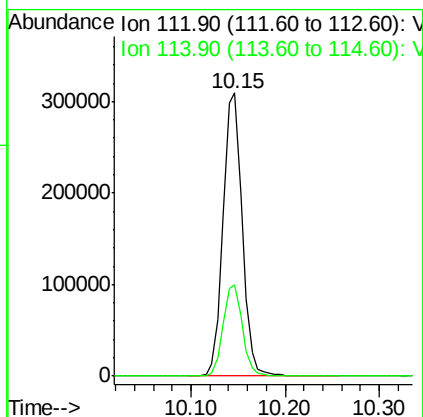
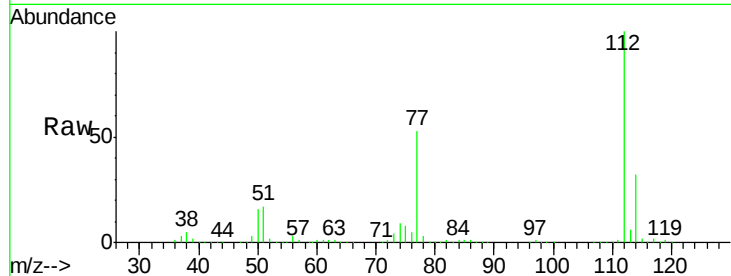




#65
Chlorobenzene
Concen: 48.38 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

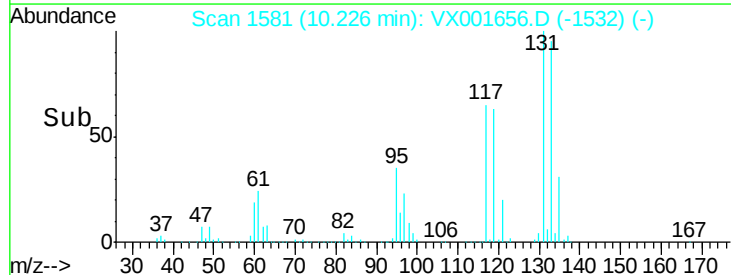
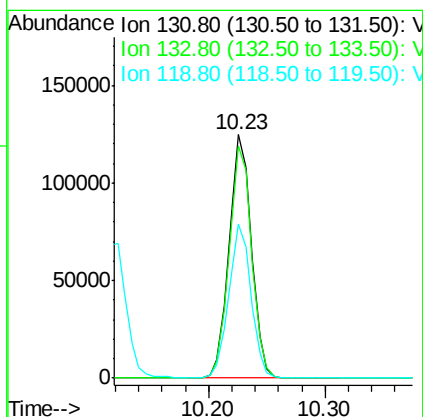
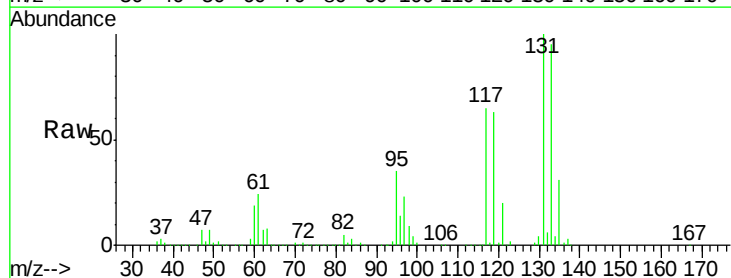
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

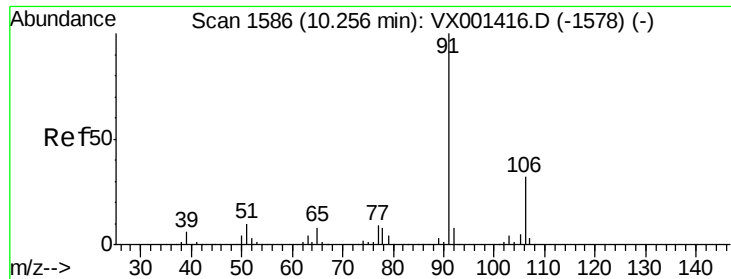
Tgt Ion:112 Resp: 436019
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion:131 Resp: 166966
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 63.2 31.1 93.3

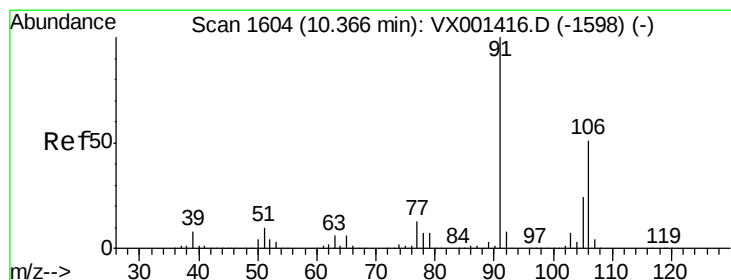
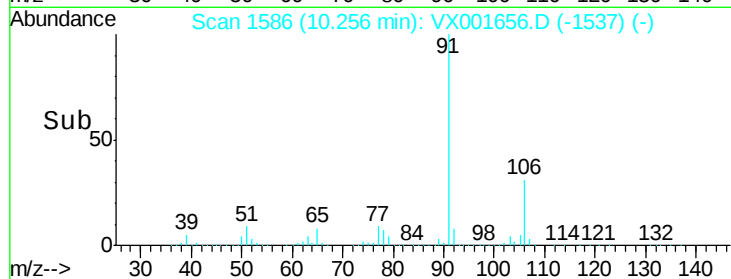
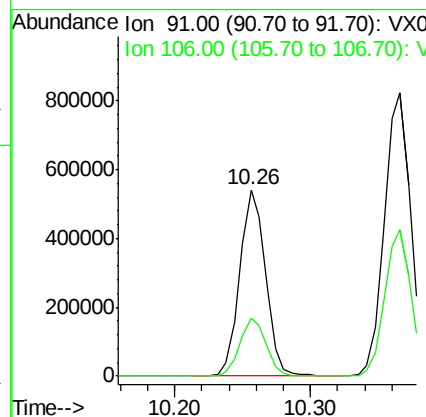
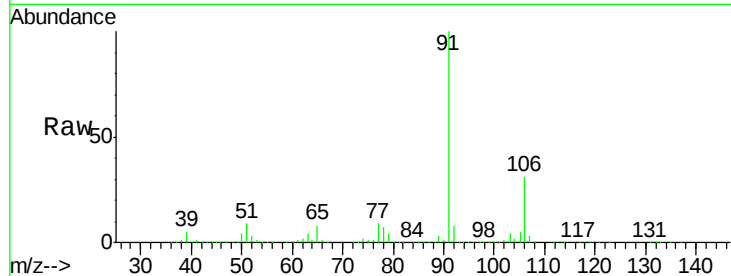




#67
Ethyl Benzene
Concen: 48.47 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

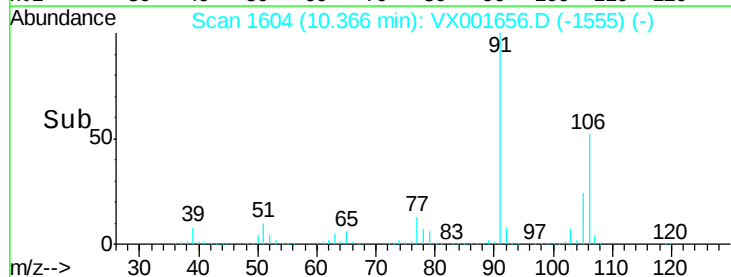
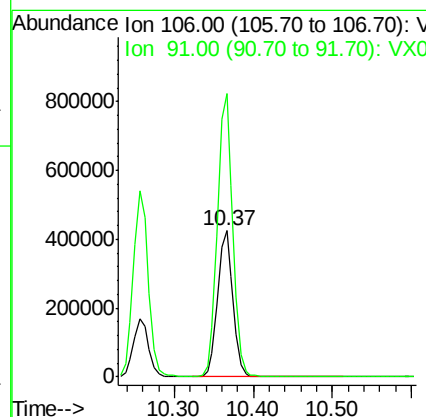
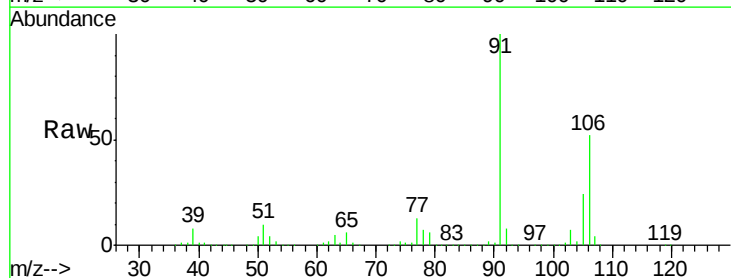
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

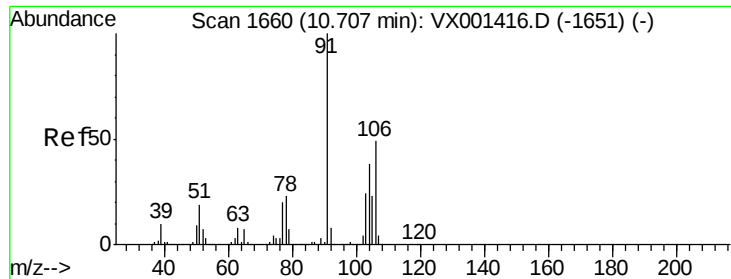
Tgt Ion: 91 Resp: 716015
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 97.90 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 106 Resp: 571435
Ion Ratio Lower Upper
106 100
91 195.0 157.5 236.3

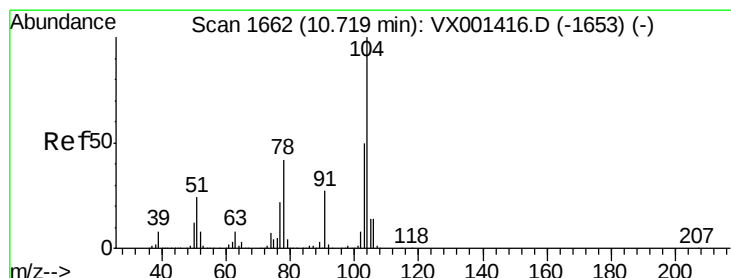
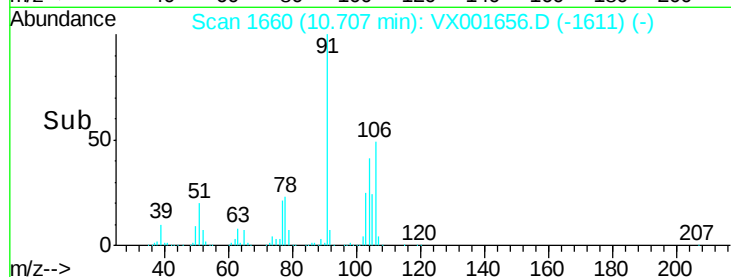
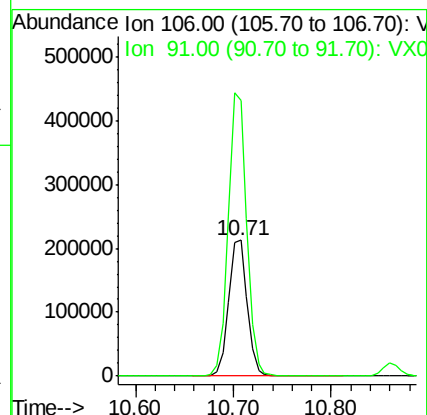
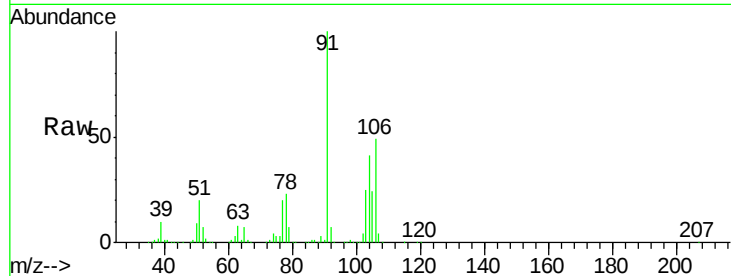




#69
o-Xylene
Concen: 49.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

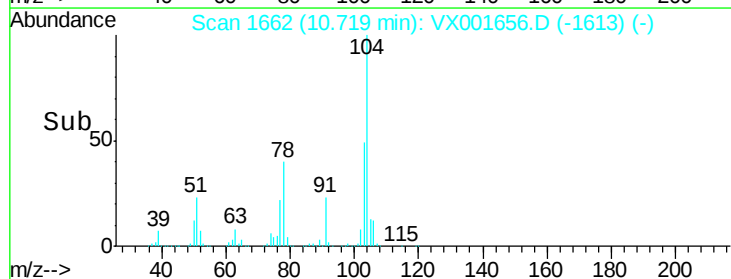
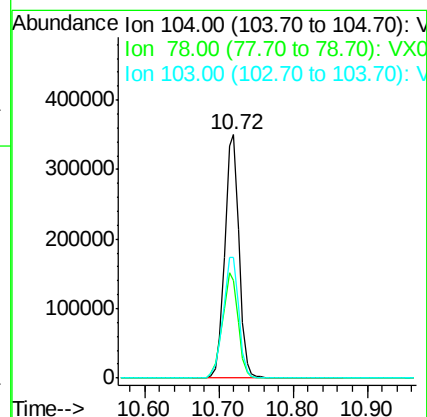
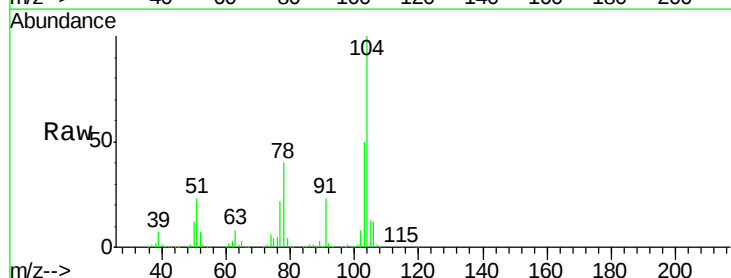
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

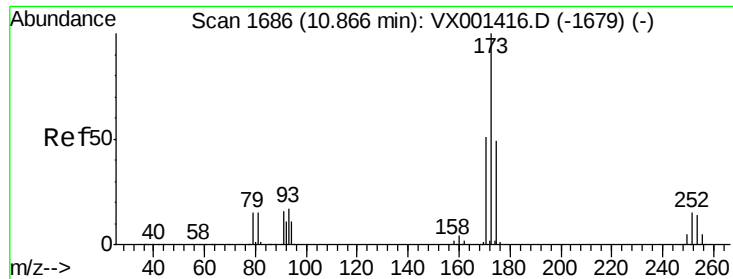
Tgt Ion:106 Resp: 280156
Ion Ratio Lower Upper
106 100
91 206.9 103.1 309.1



#70
Styrene
Concen: 50.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion:104 Resp: 462782
Ion Ratio Lower Upper
104 100
78 47.0 38.6 58.0
103 54.6 44.0 66.0





#71

Bromoform

Concen: 45.33 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

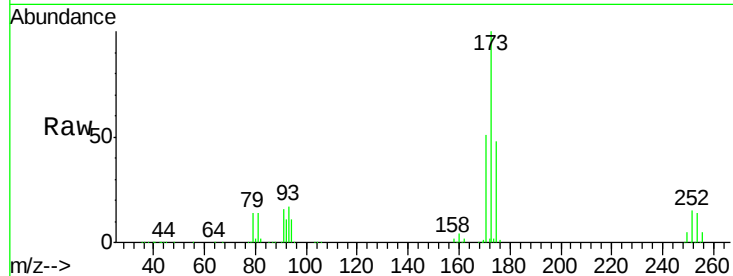
Tgt Ion:173 Resp: 139429

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

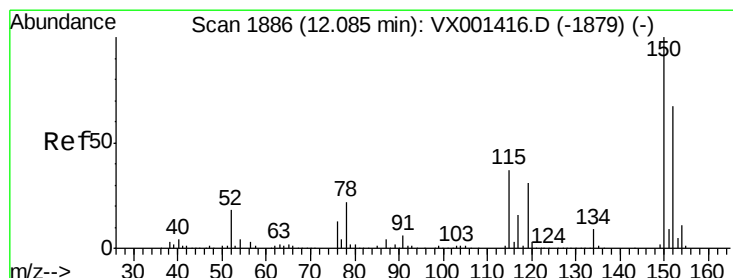
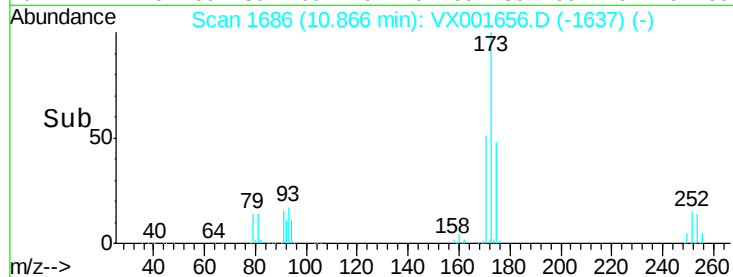
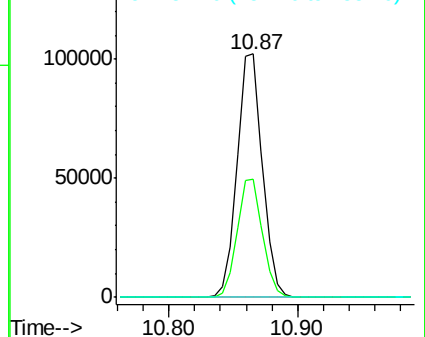
254 0.2 0.2 0.2



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: VX001656.D

Acq: 11 May 2018 22:48

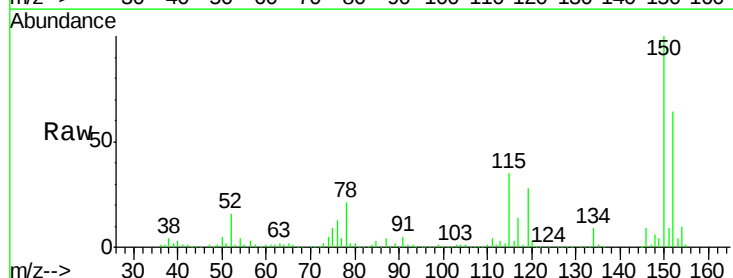
Tgt Ion:152 Resp: 214538

Ion Ratio Lower Upper

152 100

115 75.8 37.7 113.1

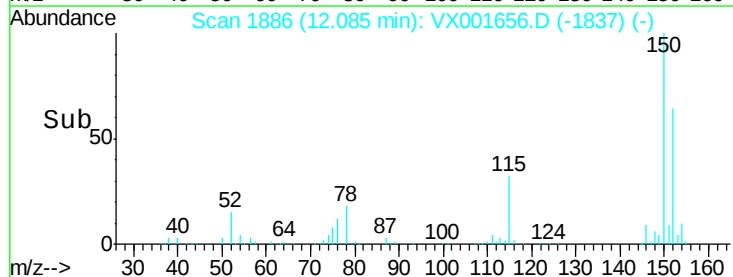
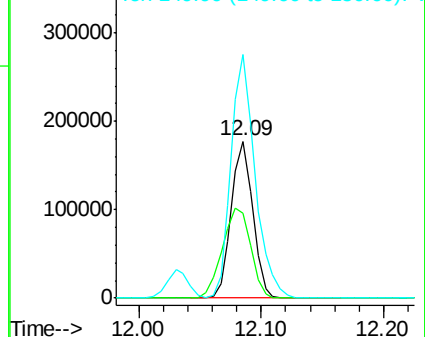
150 174.1 0.0 349.4



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: 50.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

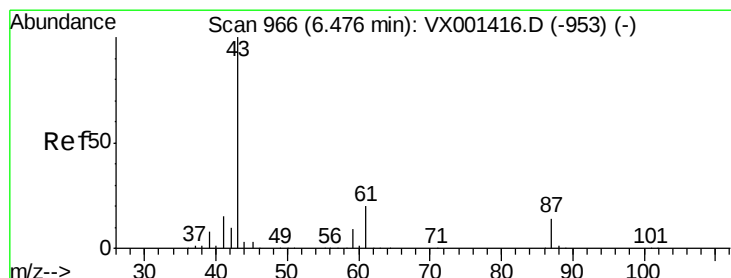
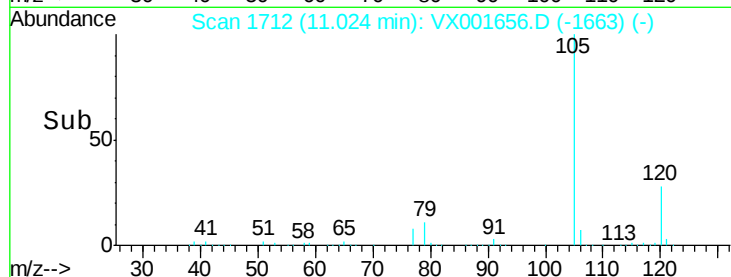
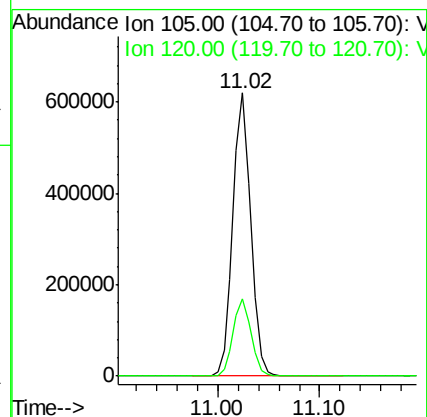
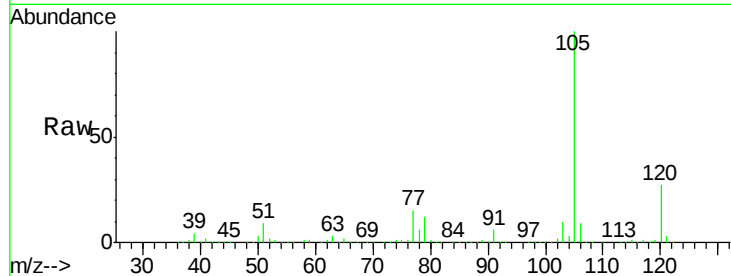
J2741-07MSDMSD

Tgt Ion: 105 Resp: 748392

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 50.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion: 43 Resp: 338068

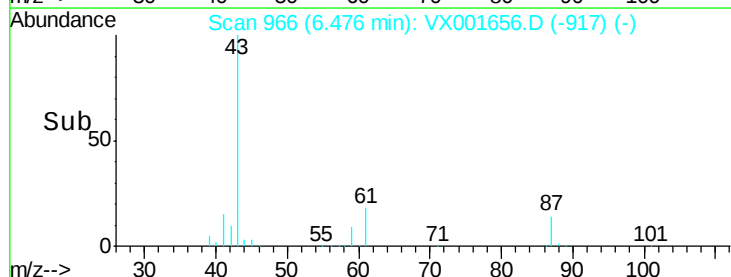
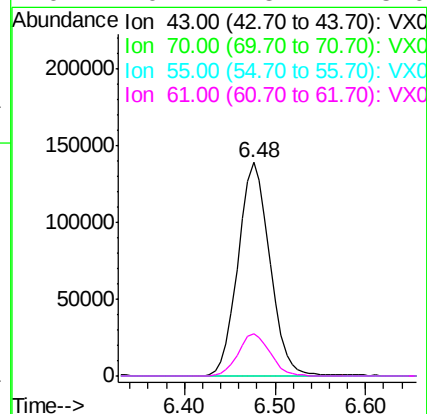
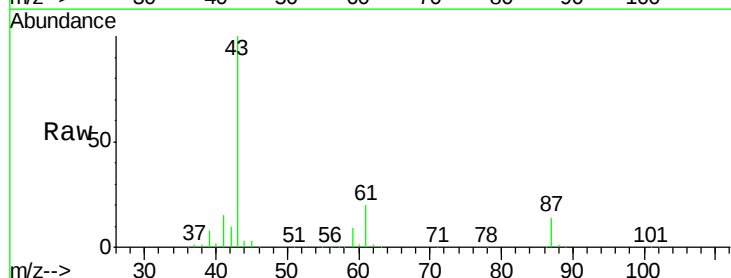
Ion Ratio Lower Upper

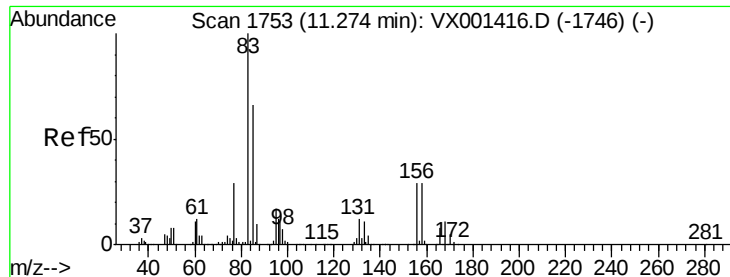
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.7 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

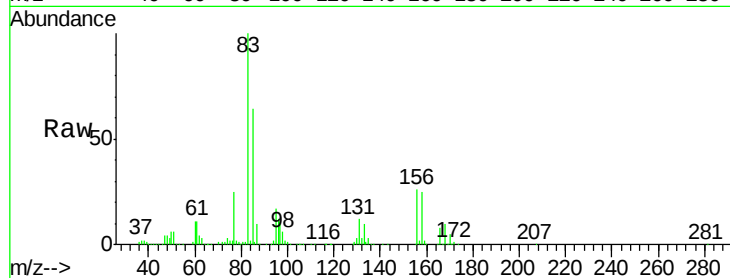
Tgt Ion: 83 Resp: 232580

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

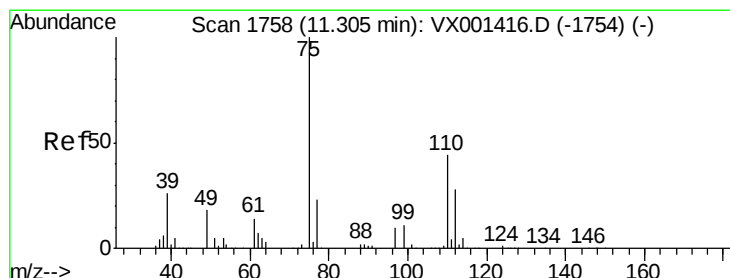
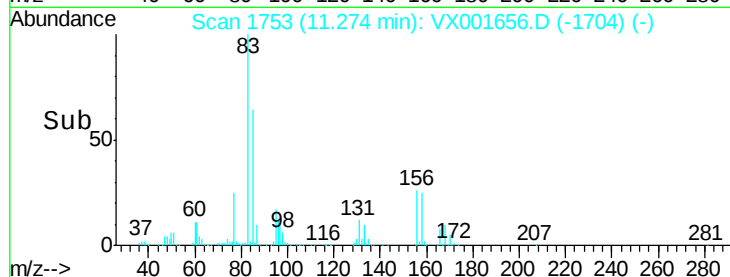
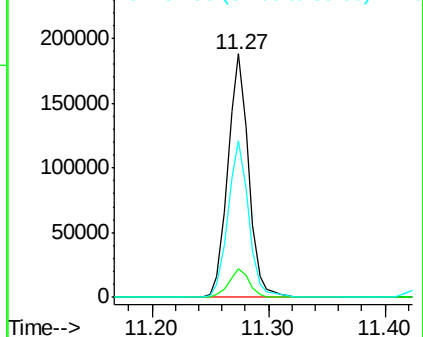
85 64.0 32.7 98.1



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: 60.66 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001656.D

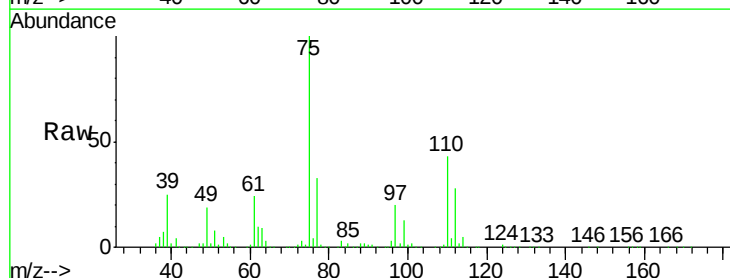
Acq: 11 May 2018 22:48

Tgt Ion: 75 Resp: 263924

Ion Ratio Lower Upper

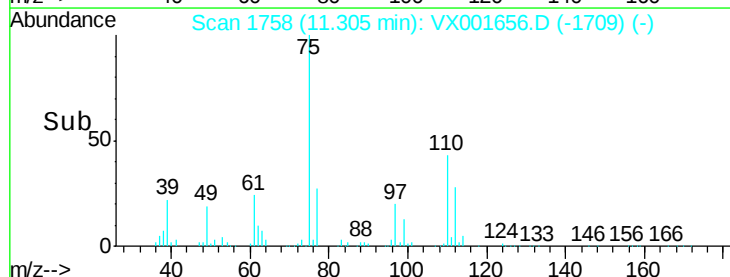
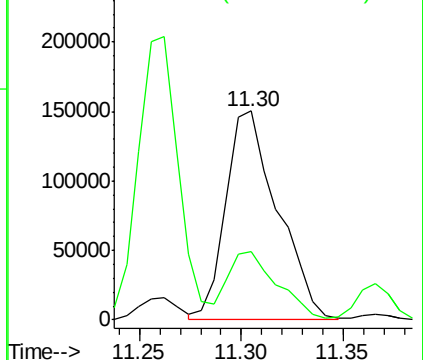
75 100

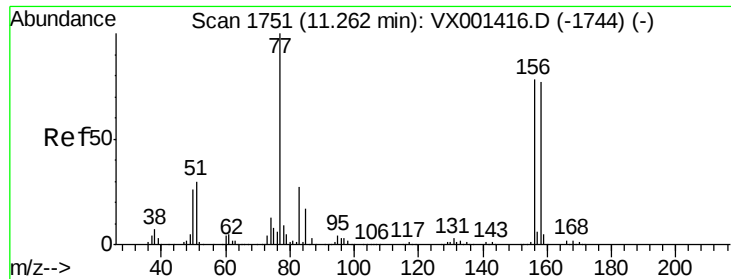
77 31.2 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

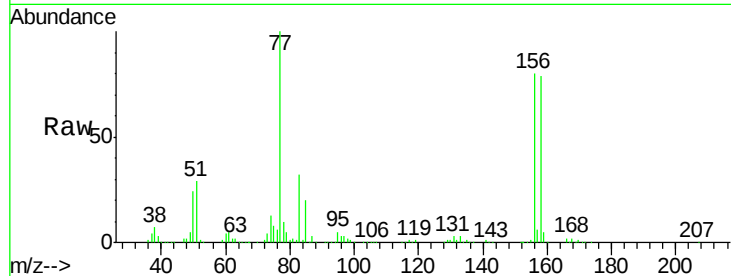
Tgt Ion:156 Resp: 214549

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

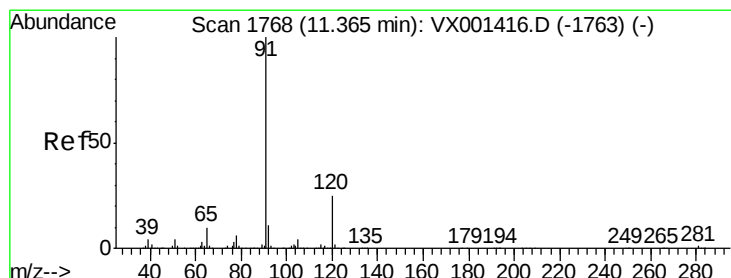
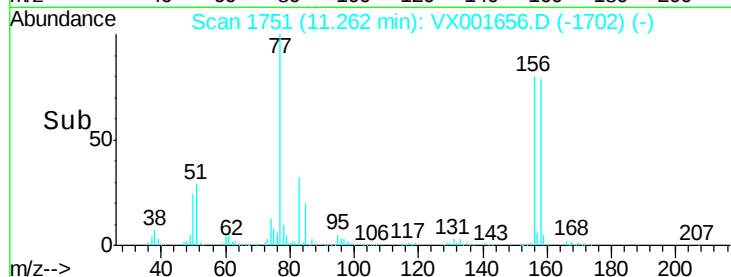
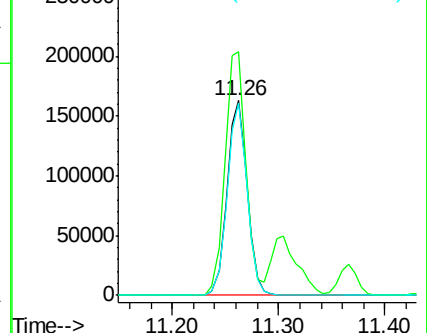
158 97.5 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001656.D

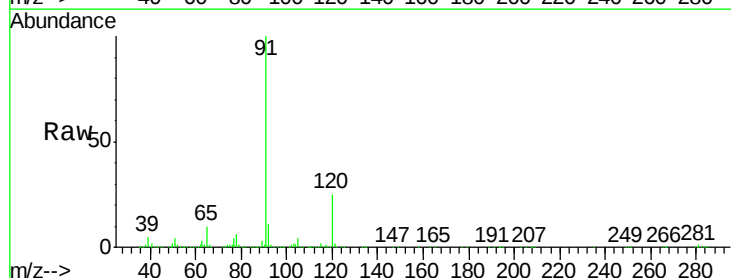
Acq: 11 May 2018 22:48

Tgt Ion: 91 Resp: 818167

Ion Ratio Lower Upper

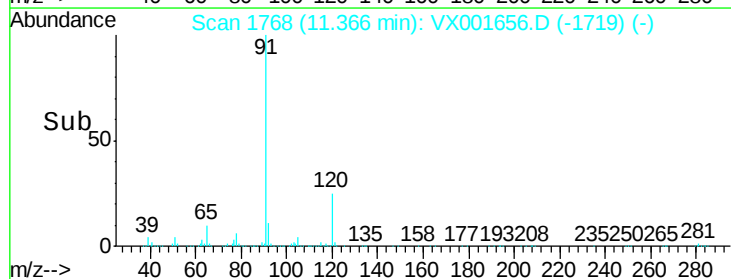
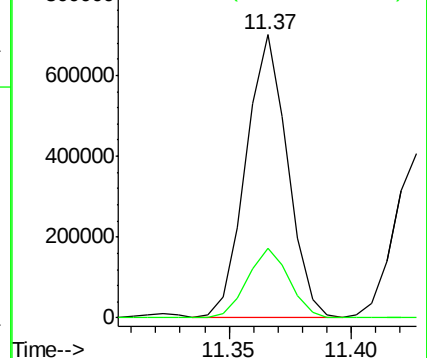
91 100

120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

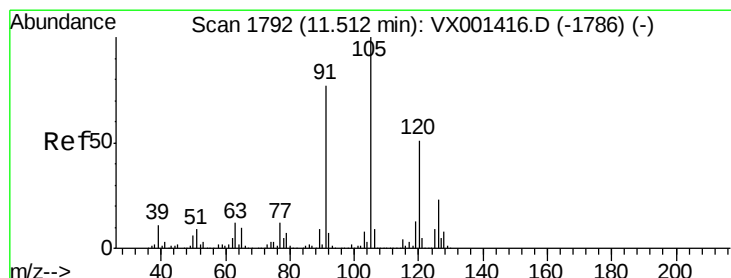
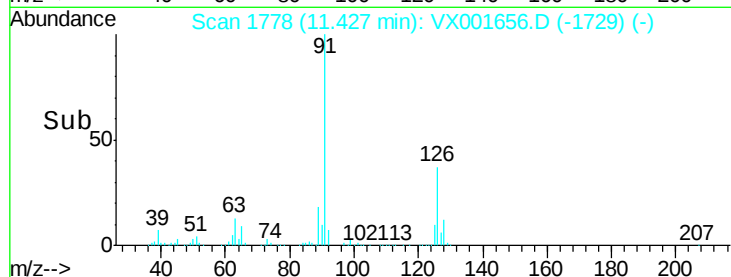
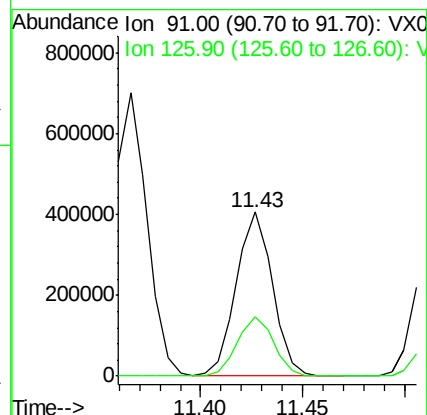
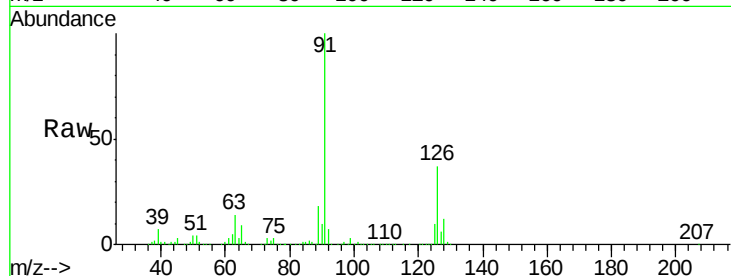
J2741-07MSDMSD

Tgt Ion: 91 Resp: 496390

Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 50.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001656.D

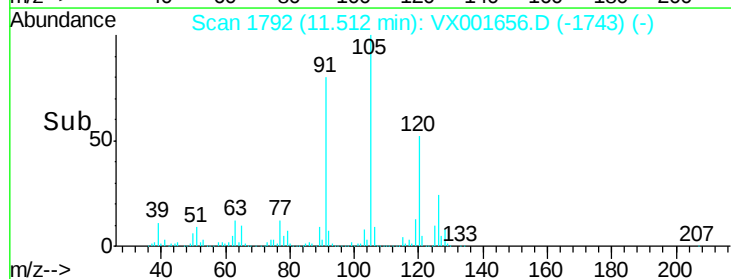
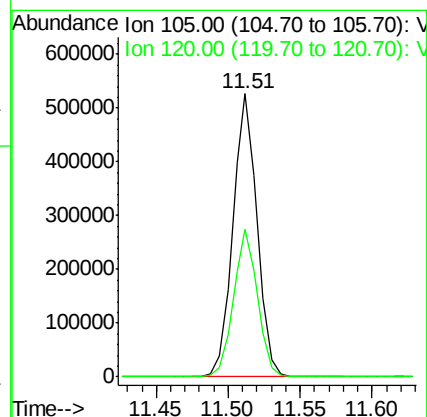
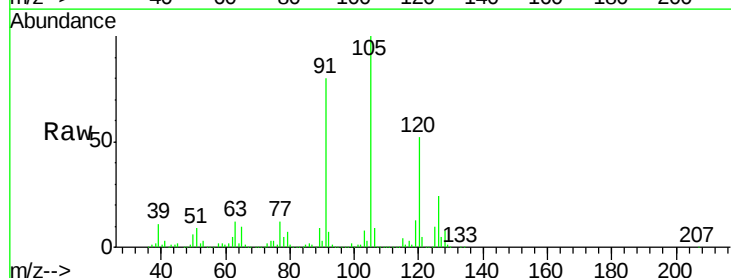
Acq: 11 May 2018 22:48

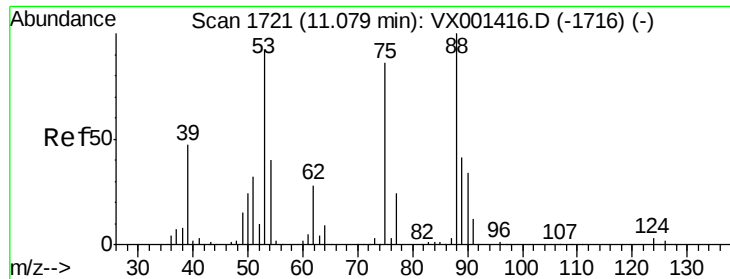
Tgt Ion: 105 Resp: 618673

Ion Ratio Lower Upper

105 100

120 51.7 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 44.07 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

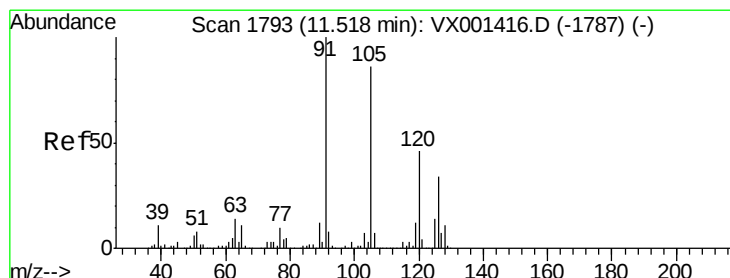
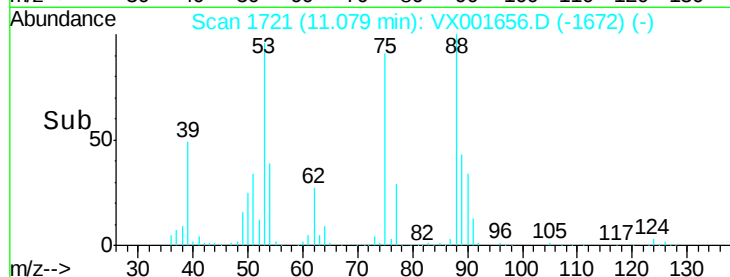
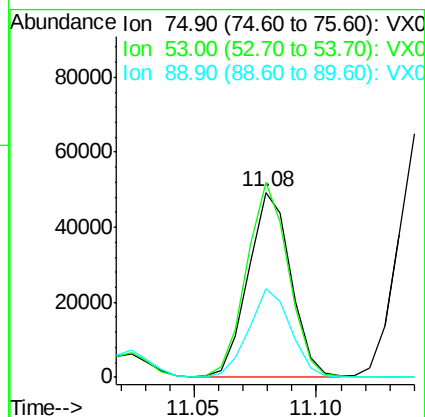
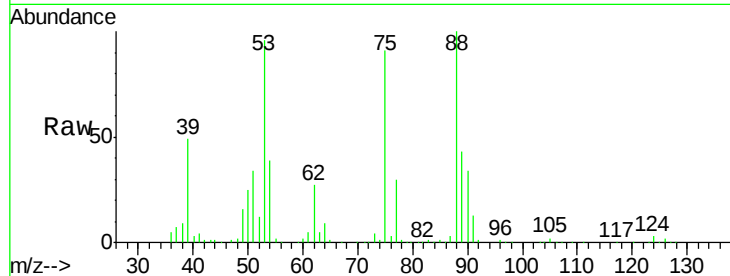
Tgt Ion: 75 Resp: 59387

Ion Ratio Lower Upper

75 100

53 103.7 84.5 126.7

89 47.4 39.5 59.3



#82

4-Chlorotoluene

Concen: 49.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001656.D

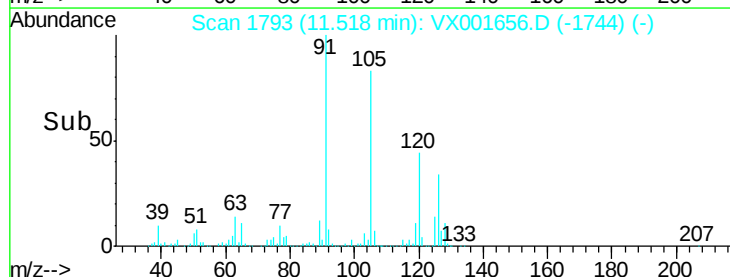
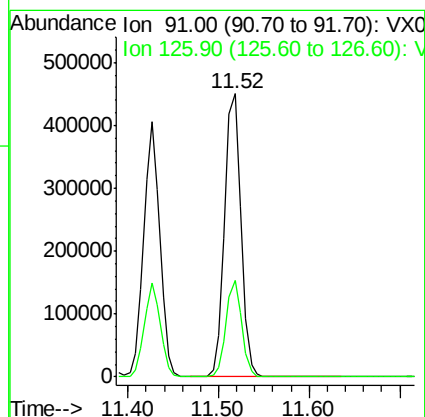
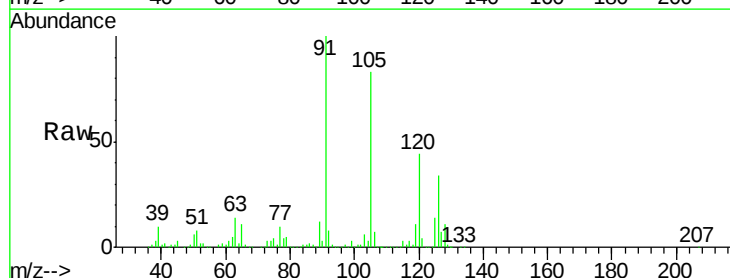
Acq: 11 May 2018 22:48

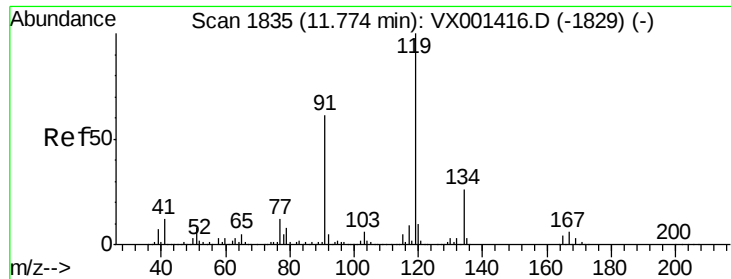
Tgt Ion: 91 Resp: 571036

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5

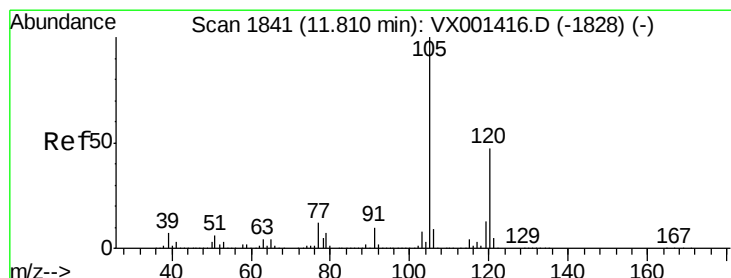
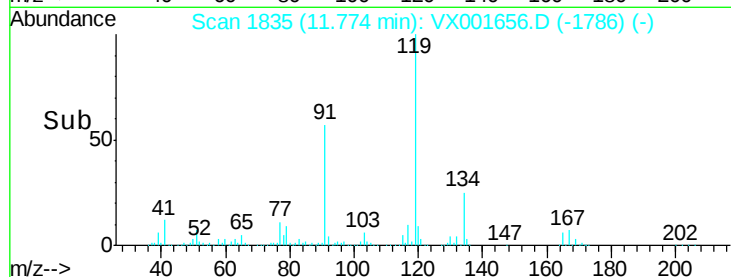
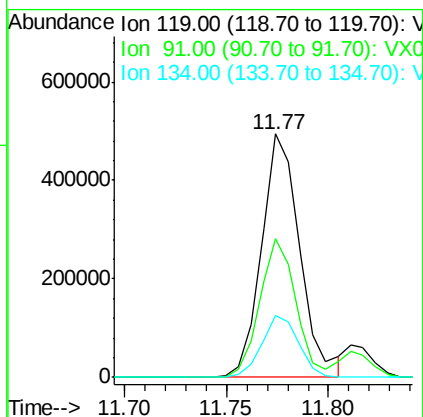
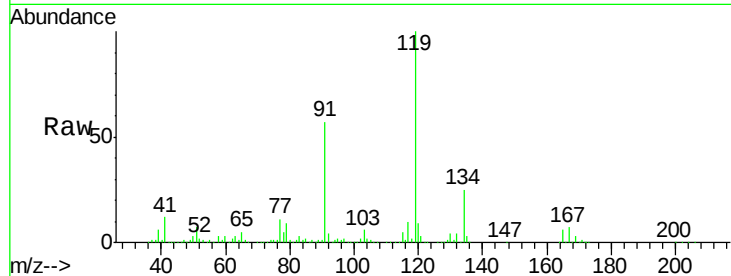




#83
 tert-Butylbenzene
 Concen: 52.68 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

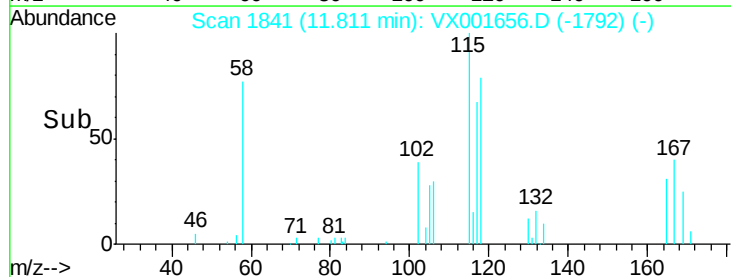
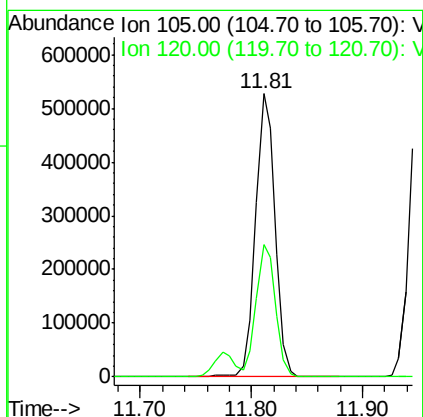
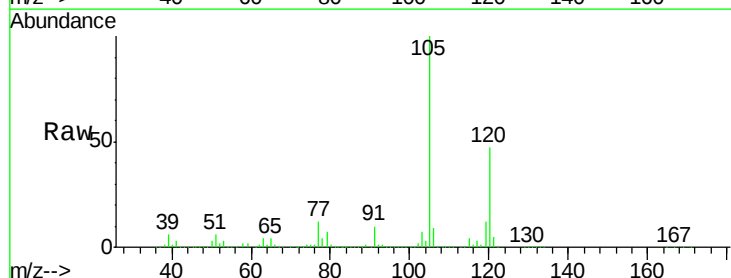
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

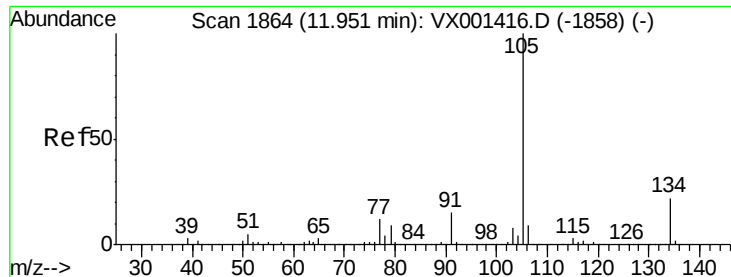
Tgt Ion:119 Resp: 648141
 Ion Ratio Lower Upper
 119 100
 91 53.3 27.8 83.3
 134 24.5 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion:105 Resp: 642681
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.2

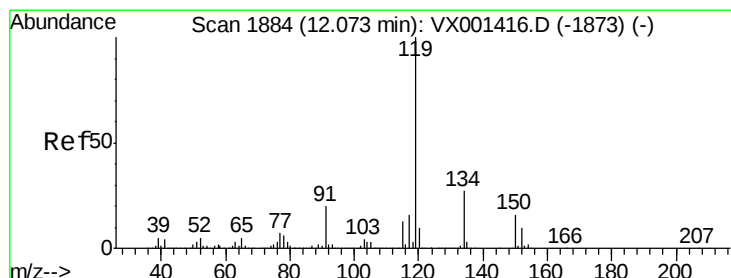
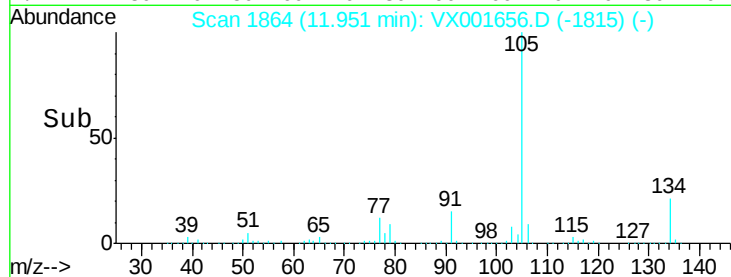
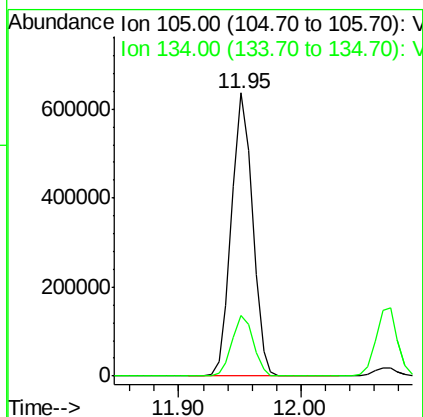
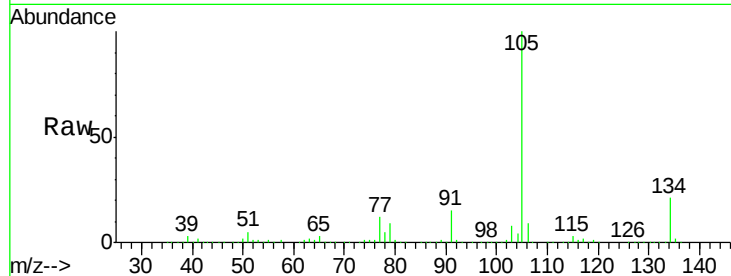




#85
 sec-Butylbenzene
 Concen: 51.15 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

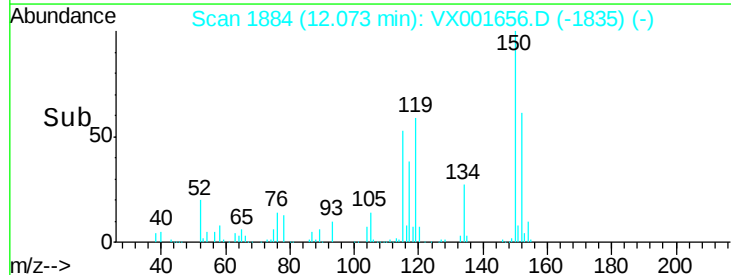
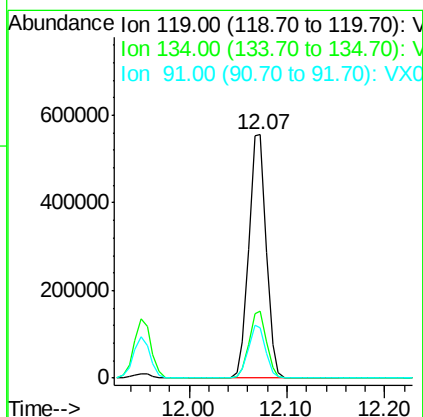
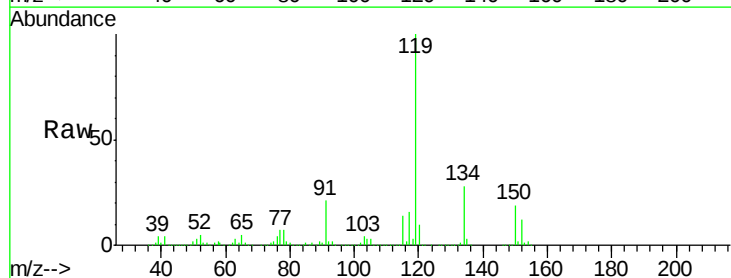
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

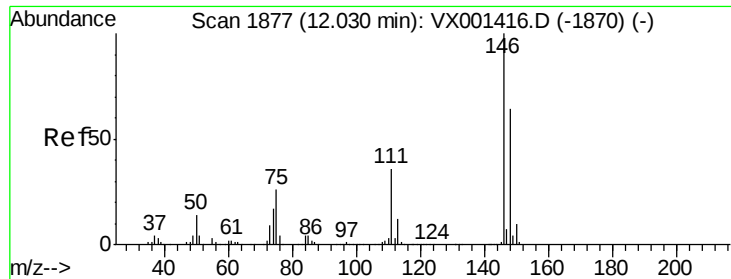
Tgt Ion:105 Resp: 755365
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.87 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion:119 Resp: 689109
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.8
 91 21.4 10.8 32.3

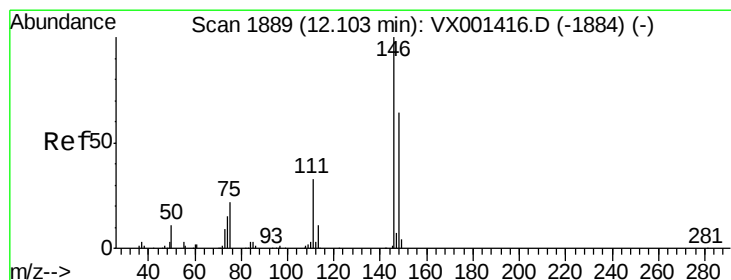
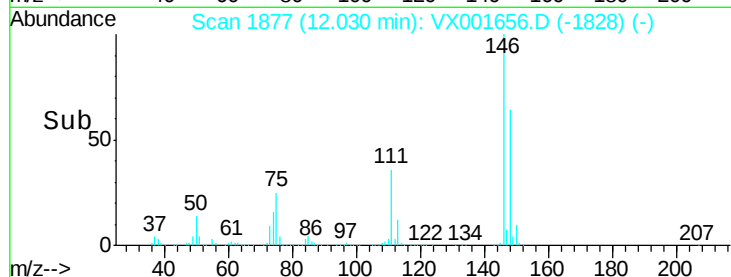
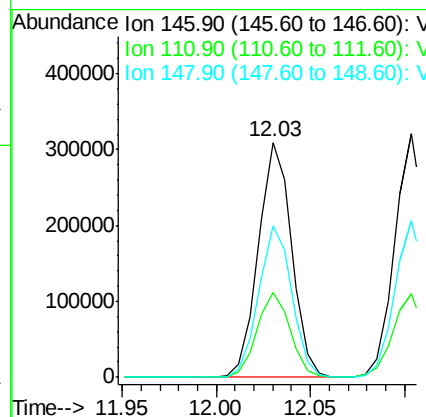
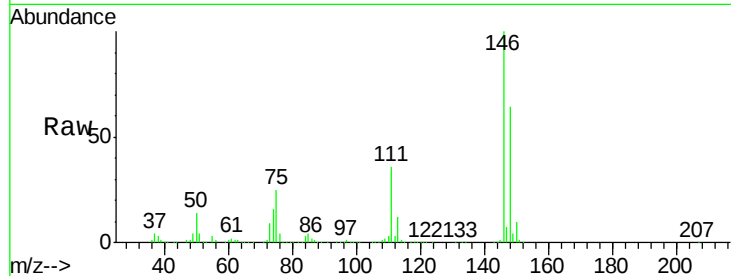




#87
 1,3-Dichlorobenzene
 Concen: 49.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

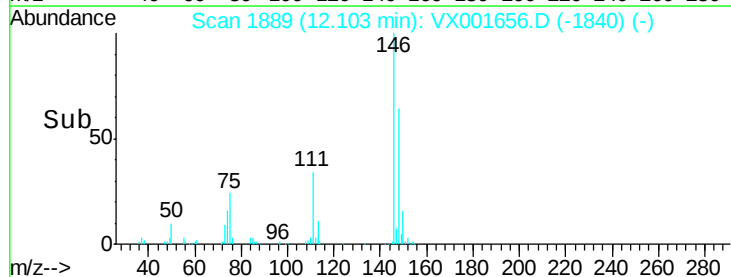
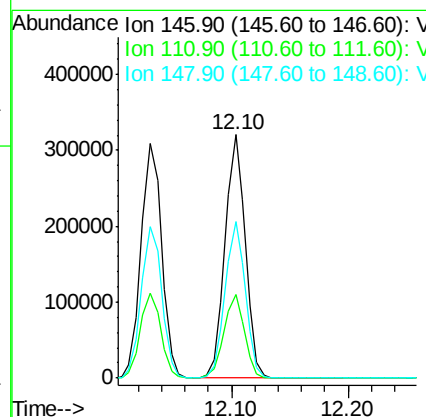
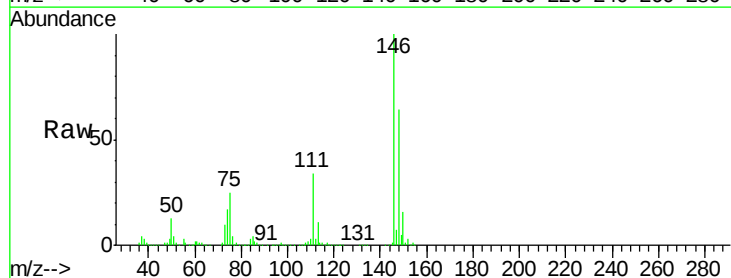
Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

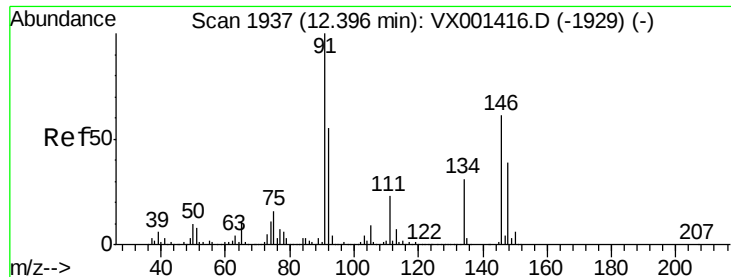
Tgt Ion:146 Resp: 379328
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.1
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.69 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion:146 Resp: 383320
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.4 52.3
 148 64.3 32.2 96.6

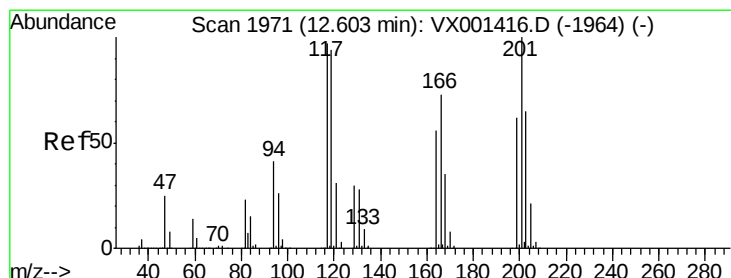
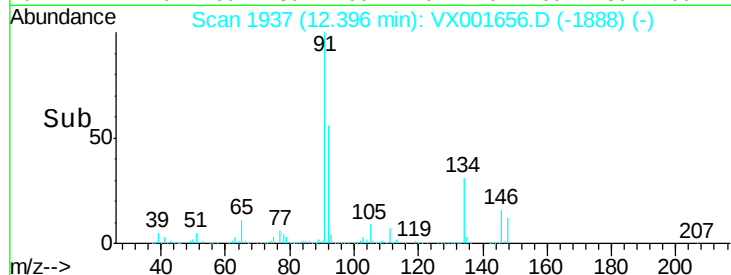
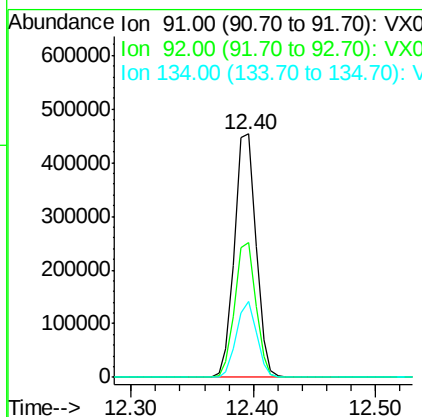
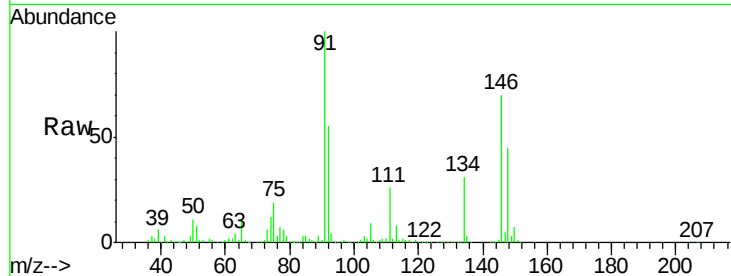




#89
n-Butylbenzene
Concen: 48.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

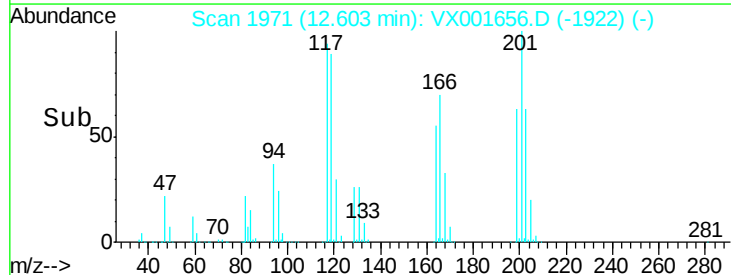
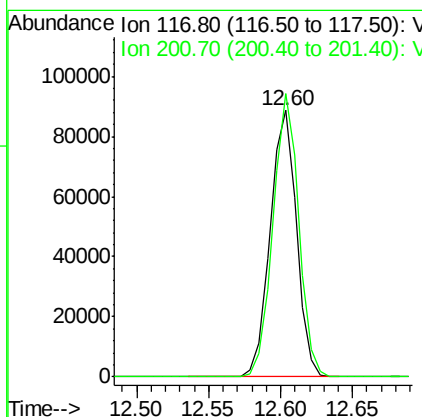
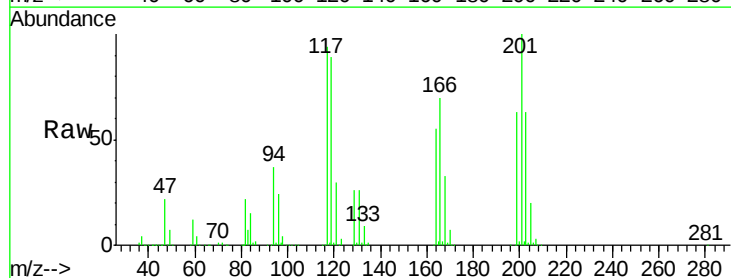
Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

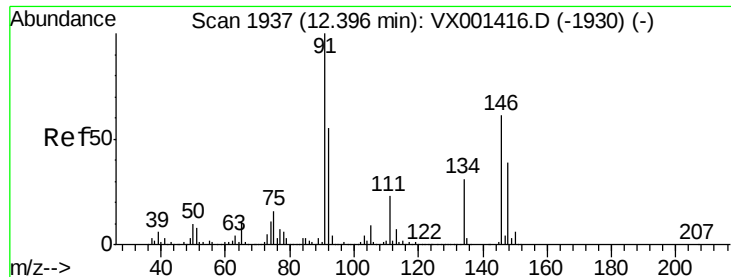
Tgt Ion: 91 Resp: 549676
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 29.4 14.6 44.0



#90
Hexachloroethane
Concen: 55.09 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 117 Resp: 112370
Ion Ratio Lower Upper
117 100
201 104.4 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 49.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

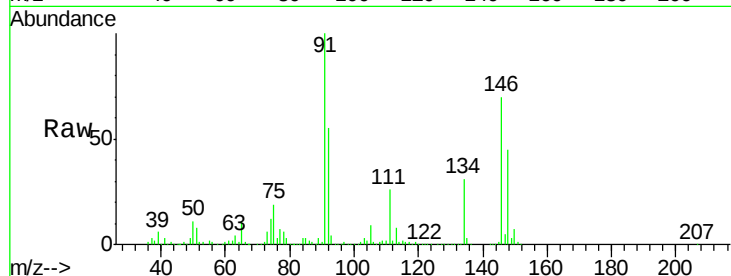
Tgt Ion: 146 Resp: 388641

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

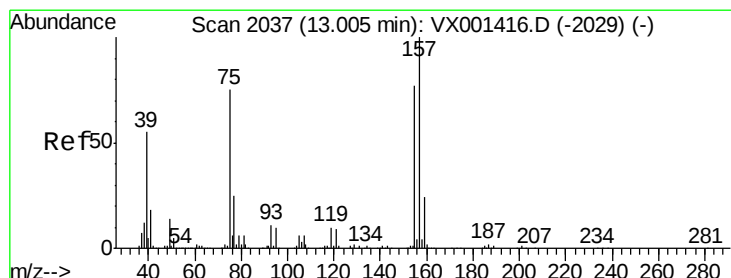
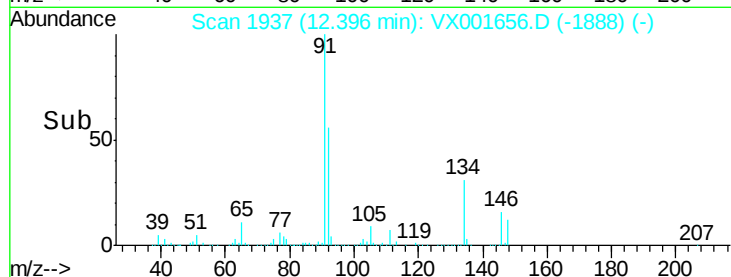
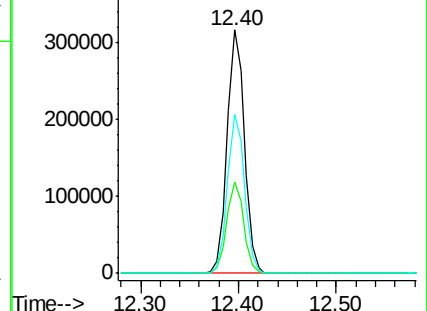
148 64.6 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.06 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

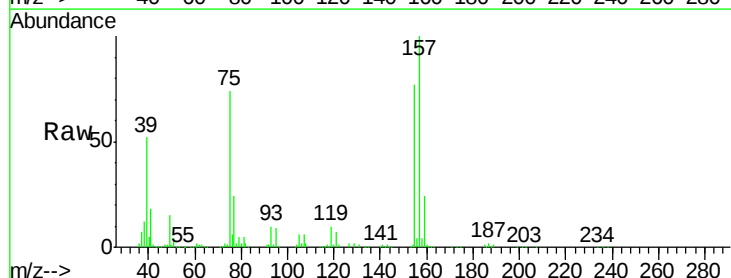
Tgt Ion: 75 Resp: 52100

Ion Ratio Lower Upper

75 100

155 108.2 53.4 160.2

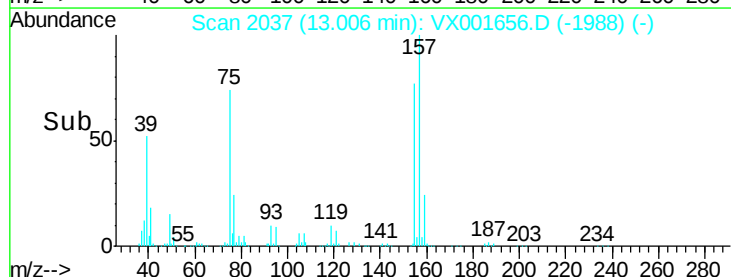
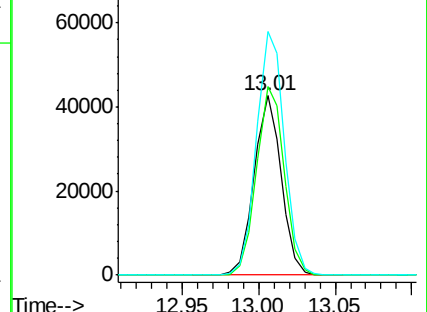
157 140.0 68.3 204.8

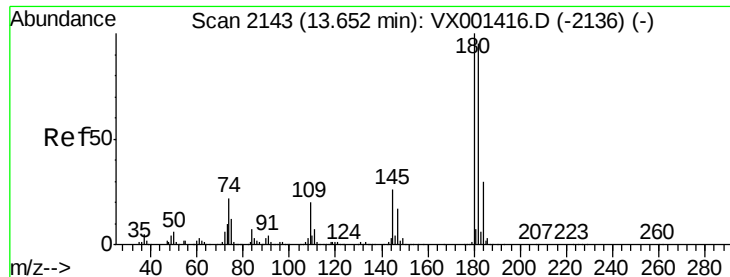


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.86 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

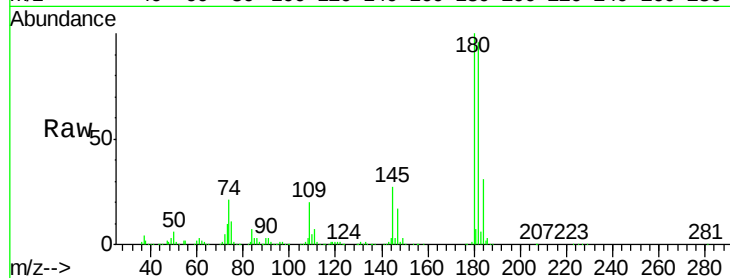
Tgt Ion:180 Resp: 286521

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.4

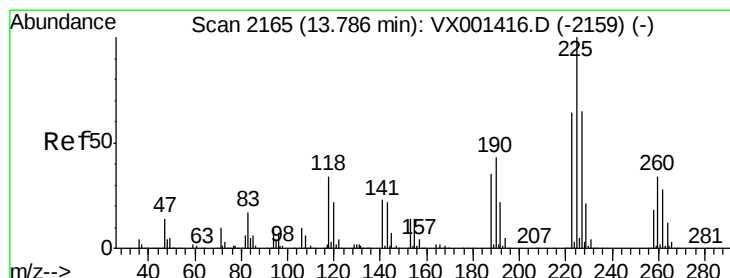
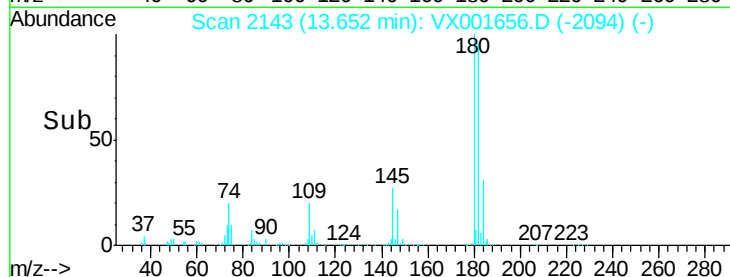
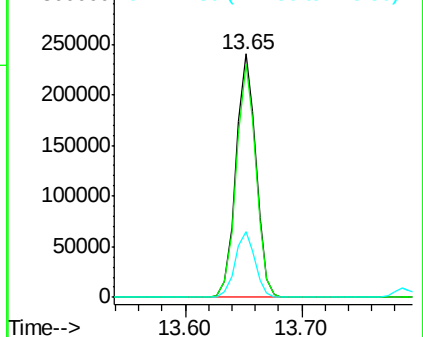
145 26.9 13.3 39.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.77 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

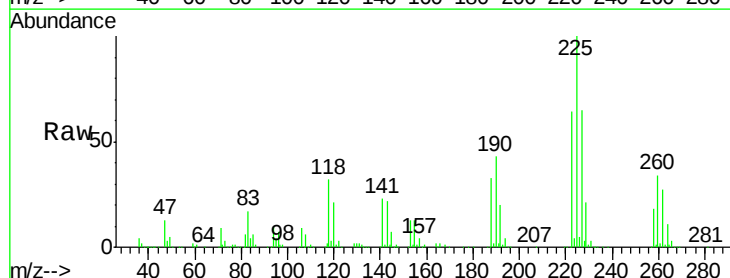
Tgt Ion:225 Resp: 150206

Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

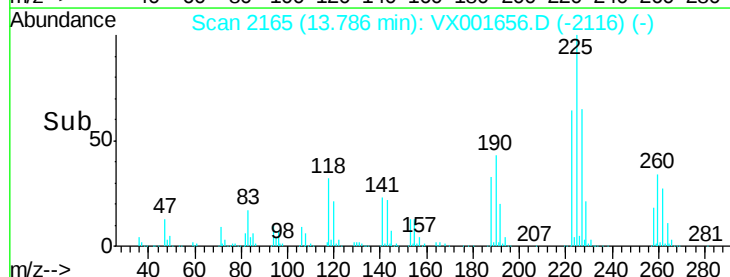
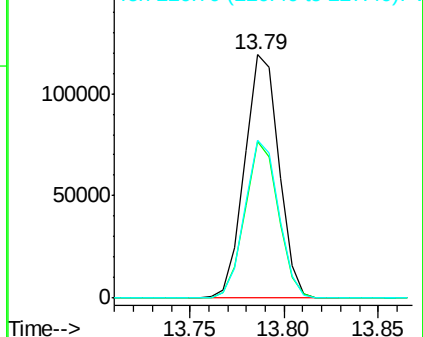
227 63.9 32.4 97.2

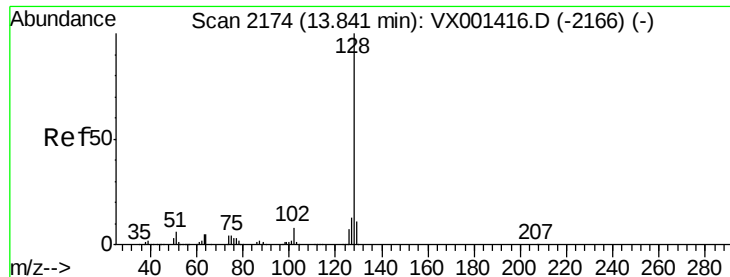


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

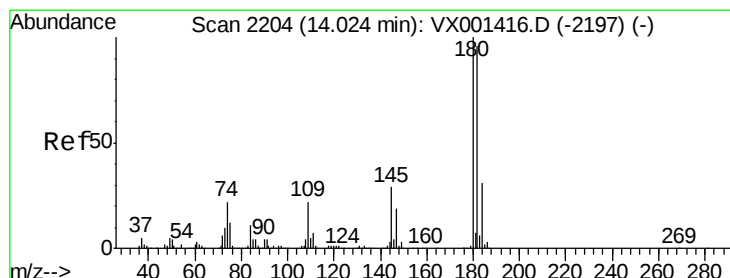
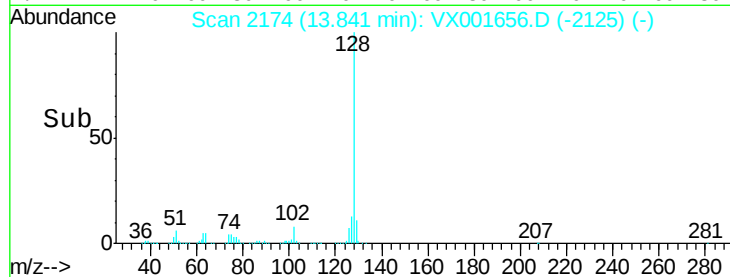
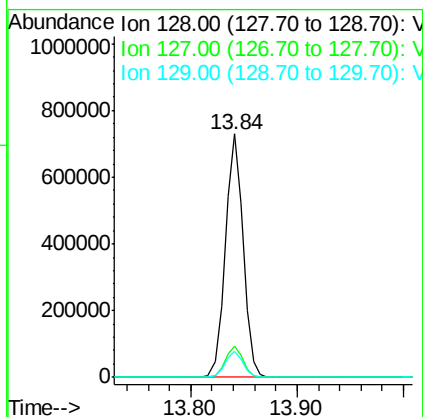
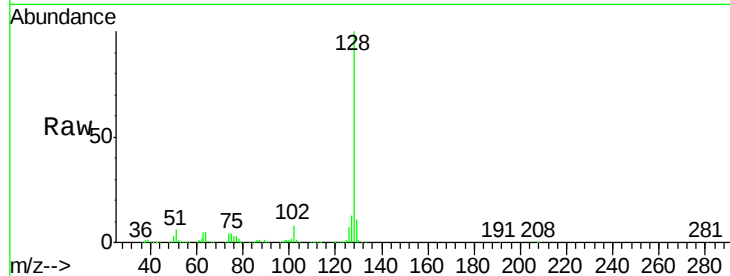




#95
Naphthalene
Concen: 53.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tgt Ion:128 Resp: 849515
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.81 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion:180 Resp: 299593
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 27.9 14.1 42.4

