

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002429.D
 Acq On : 09 Jun 2018 18:49
 Operator : JC/MD
 Sample : J3394-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:09:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147484	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
35) Dibromofluoromethane	5.51	113	113892	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.72	98	451976	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.14	95	158980	43.71	ug/l	0.00
Spiked Amount			Recovery	=	87.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1451	Below Cal	#	83
5) Bromomethane	1.66	94	1461	Below Cal	#	74
6) Chloroethane	1.72	64	802	0.44	ug/l	43
8) Diethyl Ether	2.28	74	63	Below Cal		52
10) Methyl Iodide	2.52	142	1915	0.58	ug/l	91
11) Tert butyl alcohol	3.07	59	875	Below Cal	#	43
13) Acrolein	2.27	56	47847	151.66	ug/l	1
14) Allyl chloride	2.81	41	87333	17.44	ug/l	1
15) Acrylonitrile	3.33	53	369	Below Cal	#	43
16) Acetone	2.45	43	22818	Below Cal		96
18) Methyl Acetate	2.76	43	270	Below Cal	#	71
19) Methyl tert-butyl Ether	3.21	73	219	Below Cal	#	83
20) Methylene Chloride	2.87	84	659	Below Cal	#	53
22) Diisopropyl ether	3.88	45	159	Below Cal	#	44
25) 2-Butanone	4.71	43	4211	1.98	ug/l	95
28) Bromochloromethane	5.01	49	20	Below Cal	#	13
30) Chloroform	5.31	83	1369	0.29	ug/l	19
31) Cyclohexane	5.58	56	24320	6.22	ug/l	92
36) 1,1-Dichloropropene	5.67	75	15136	4.60	ug/l	52
38) Carbon Tetrachloride	5.67	117	19990	5.81	ug/l	15
39) Methylcyclohexane	7.46	83	14167	3.73	ug/l	94
40) Benzene	6.15	78	8197	0.81	ug/l	99
43) Isopropyl Acetate	6.40	43	18018	2.68	ug/l	66
51) 4-Methyl-2-Pentanone	8.66	43	903	0.22	ug/l	98
52) Toluene	8.79	92	121496	18.94	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	1671	0.44	ug/l	1
55) 1,1,2-Trichloroethane	9.17	97	3027	1.15	ug/l	17
59) 2-Hexanone	9.59	43	728	0.23	ug/l	74
65) Chlorobenzene	10.14	112	13542	1.90	ug/l	93
67) Ethyl Benzene	10.26	91	6292	0.53	ug/l	98
68) m/p-Xylenes	10.37	106	27926	6.03	ug/l	98
69) o-Xylene	10.70	106	12806	2.78	ug/l	99
73) Isopropylbenzene	11.02	105	142039	12.08	ug/l	100
74) N-amyl acetate	6.40	43	18018	2.84	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

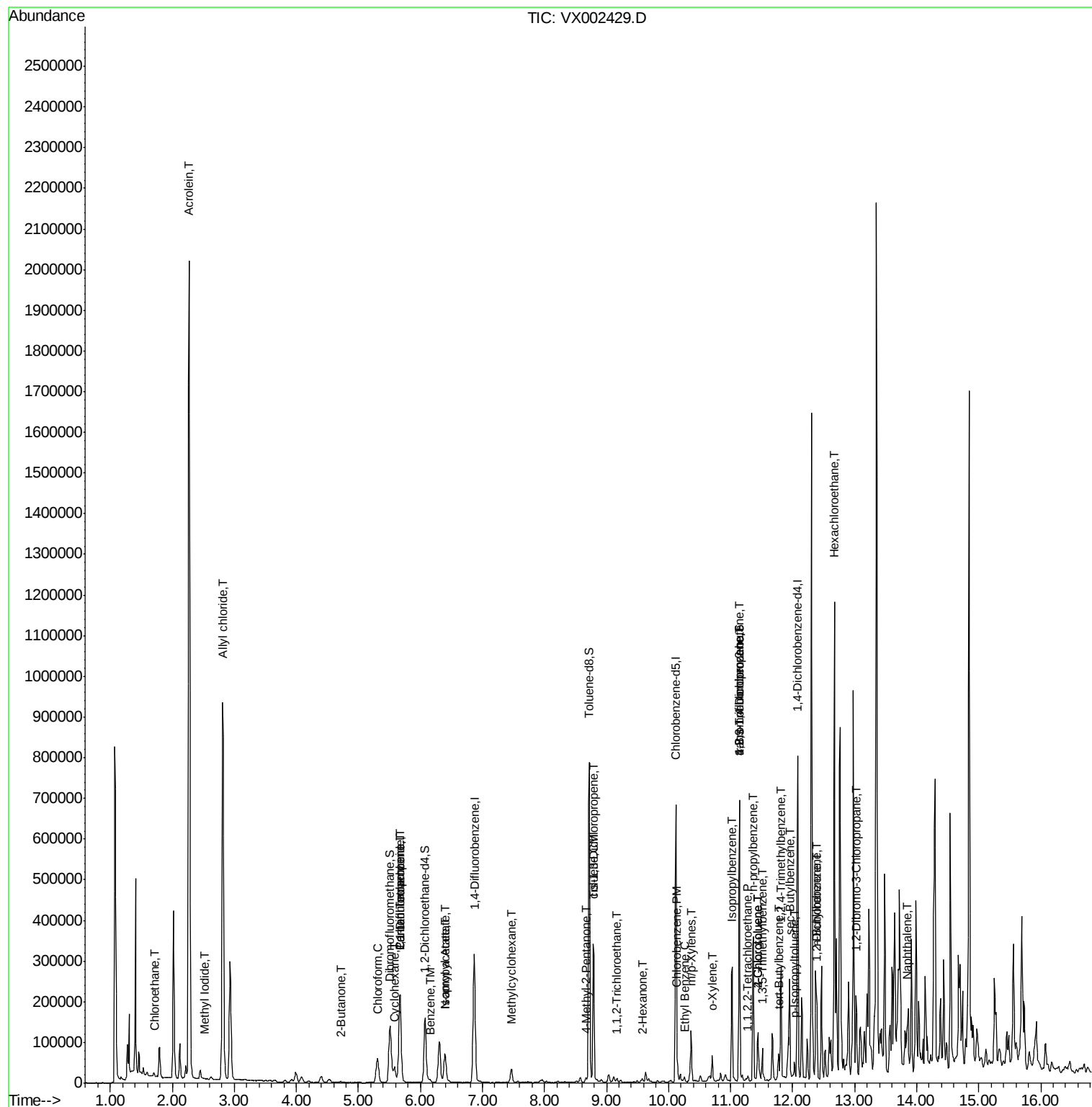
75) 1,1,2,2-Tetrachloroethane	11.28	83	766	0.21	ug/l #	52
76) 1,2,3-Trichloropropane	11.14	75	85447	23.04	ug/l #	32
78) n-propylbenzene	11.37	91	213595	16.35	ug/l	99
79) 2-Chlorotoluene	11.44	91	8673	1.05	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	32385	3.21	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	85447	80.77	ug/l #	7
82) 4-Chlorotoluene	11.44	91	8673	0.91	ug/l #	44
83) tert-Butylbenzene	11.77	119	20669	2.10	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	112848	10.87	ug/l	98
85) sec-Butylbenzene	11.95	105	121025	10.51	ug/l	79
86) p-Isopropyltoluene	12.03	119	13506	1.29	ug/l	95
89) n-Butylbenzene	12.39	91	70291	7.99	ug/l #	64
90) Hexachloroethane	12.67	117	50921	30.42	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	1930	0.32	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	13.02	75	618	0.76	ug/l #	1
95) Naphthalene	13.84	128	51506	4.19	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

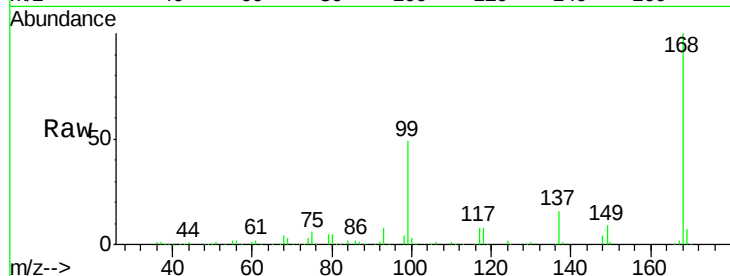
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 216713

Ion Ratio Lower Upper

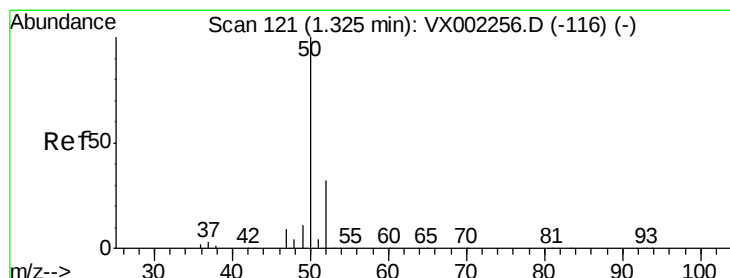
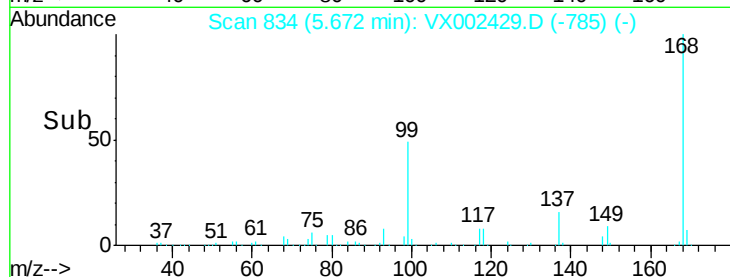
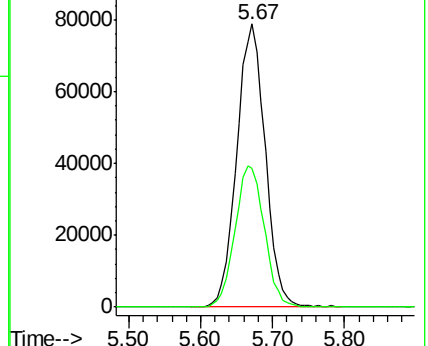
168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002429.D

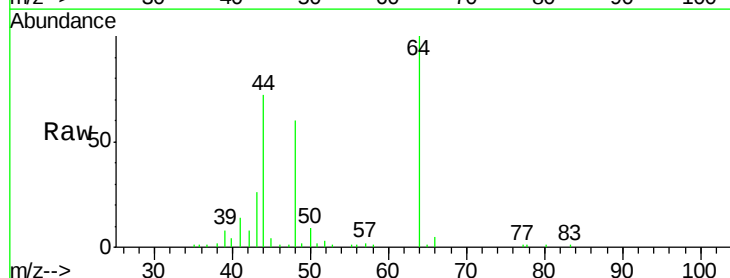
Acq: 09 Jun 2018 18:49

Tgt Ion: 50 Resp: 1451

Ion Ratio Lower Upper

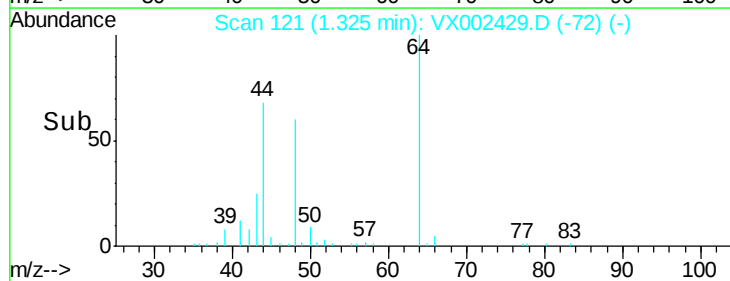
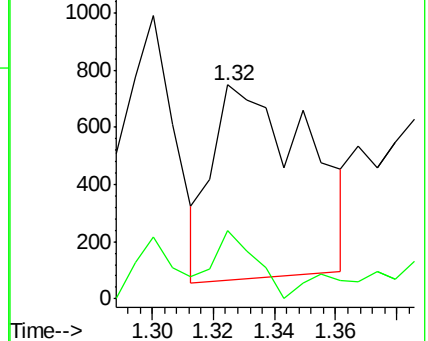
50 100

52 41.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

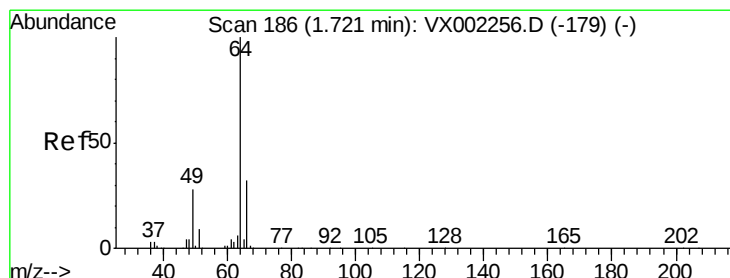
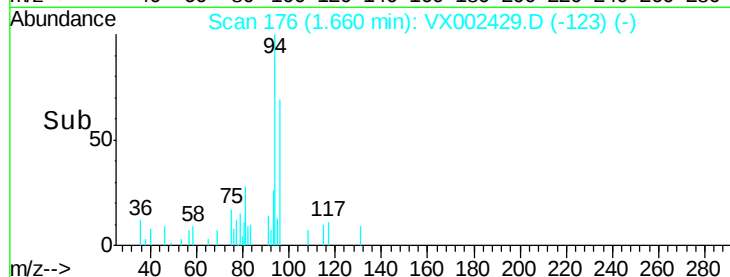
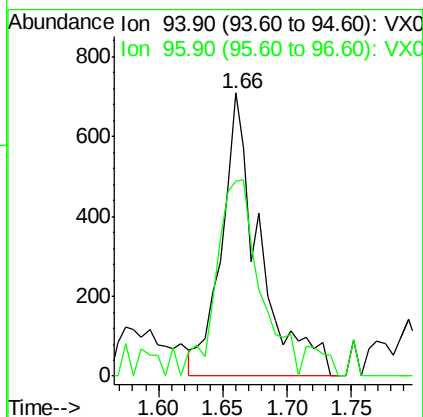
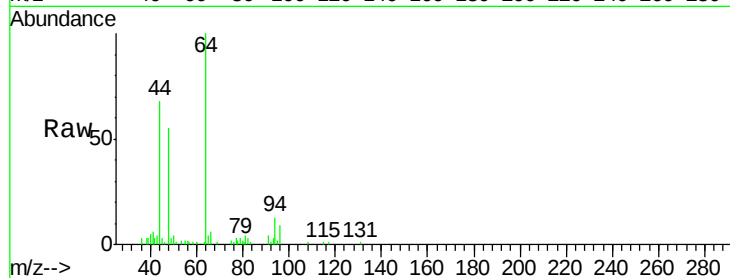
ClientSampleId :

Tot Ion: 94 Resp: 1461

Ion Ratio Lower Upper

94 100

96 69.0 74.9 112.3#



#6

Chloroethane

Concen: 0.44 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002429.D

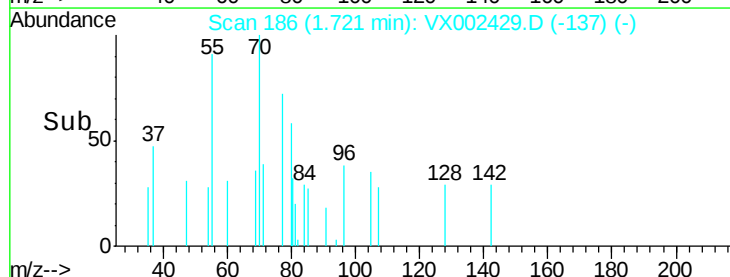
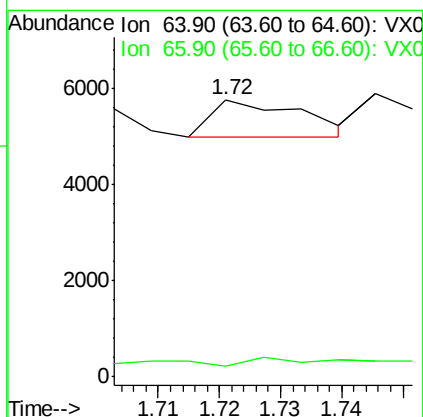
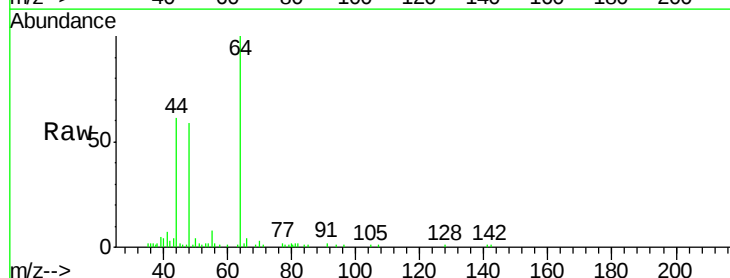
Acq: 09 Jun 2018 18:49

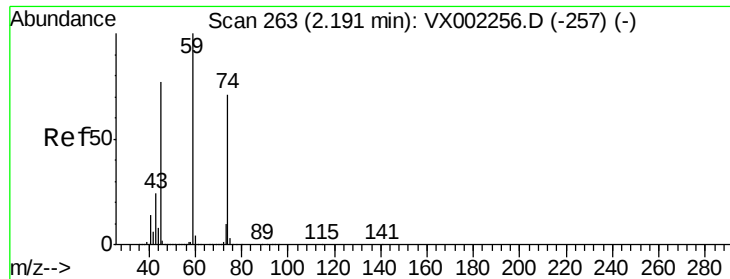
Tgt Ion: 64 Resp: 802

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.28 min Scan# 277

Delta R.T. 0.09 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

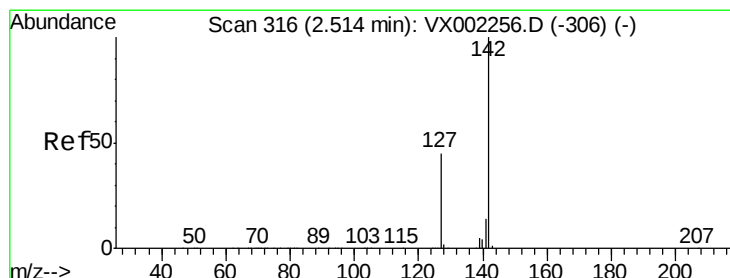
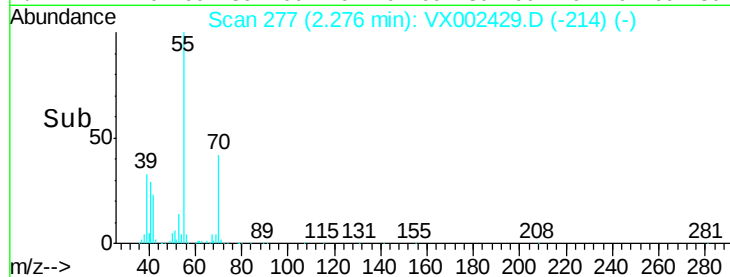
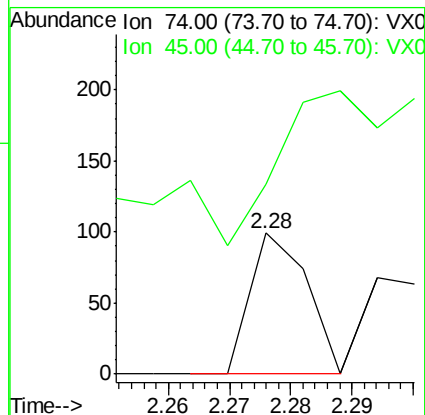
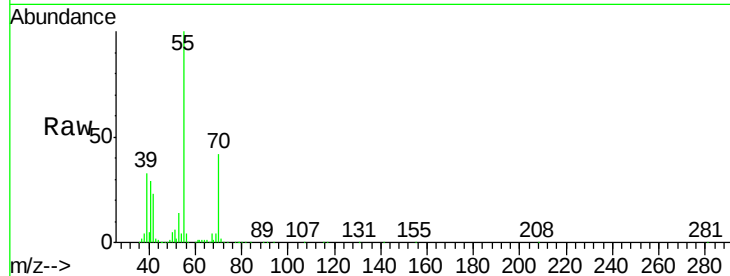
ClientSampleId :

Tot Ion: 74 Resp: 63

Ion Ratio Lower Upper

74 100

45 155.6 53.1 159.4



#10

Methyl Iodide

Concen: 0.58 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

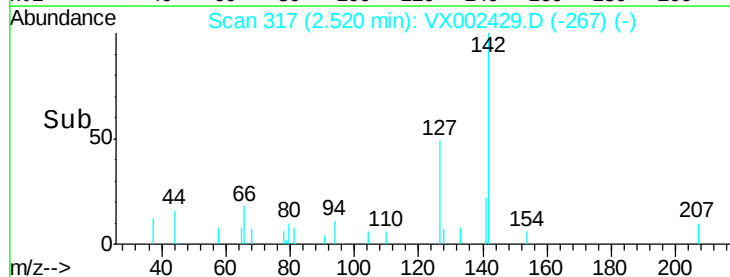
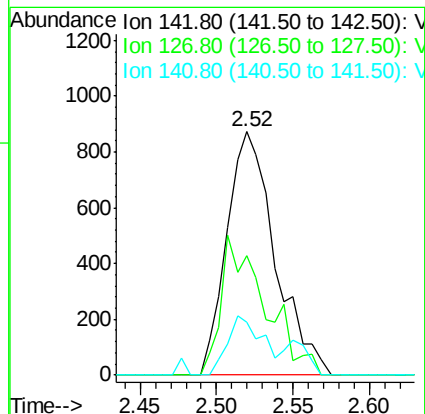
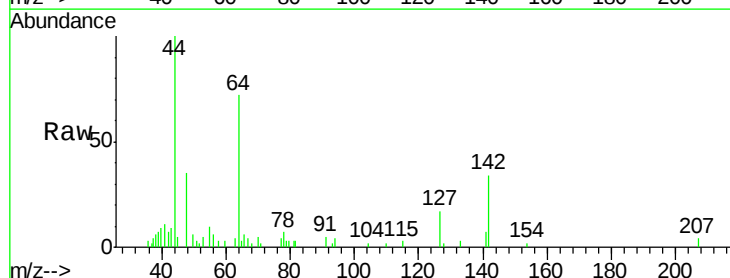
Tgt Ion: 142 Resp: 1915

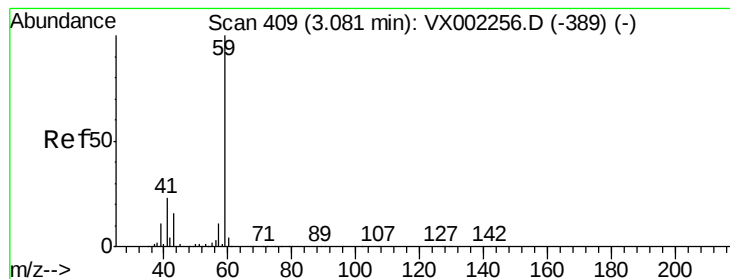
Ion Ratio Lower Upper

142 100

127 52.3 36.6 55.0

141 17.3 11.3 16.9#



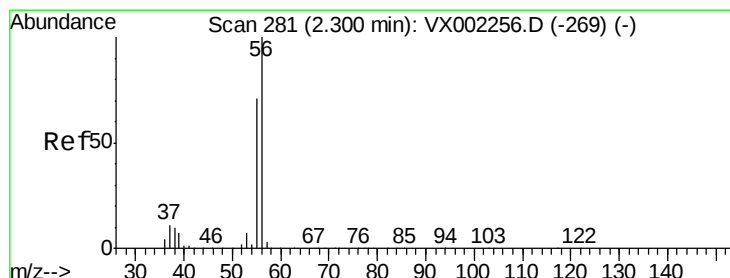
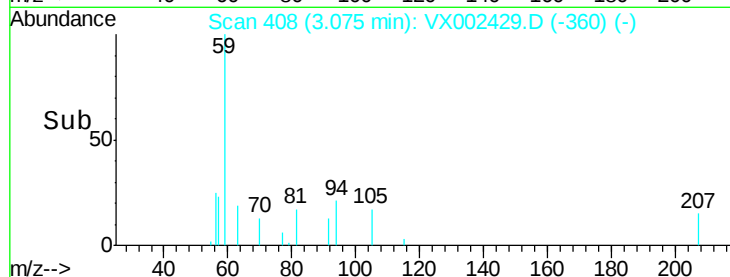
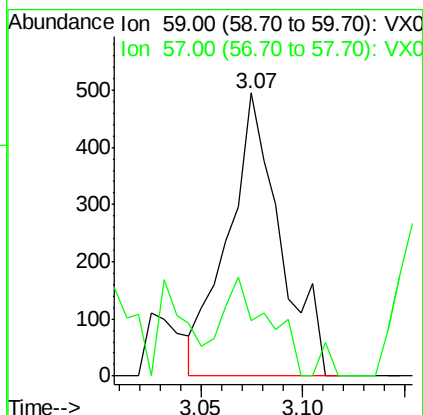
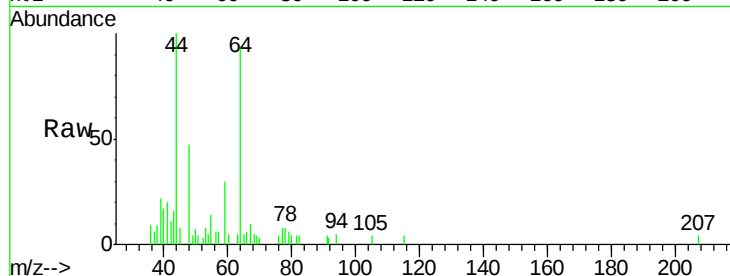


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Instrument :
MSVOA_X
ClientSampled :

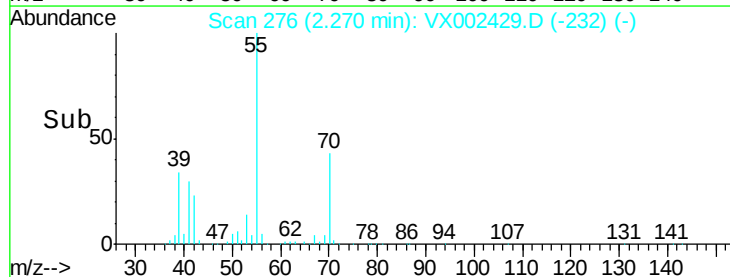
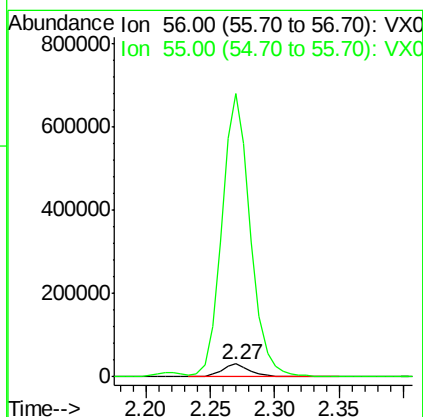
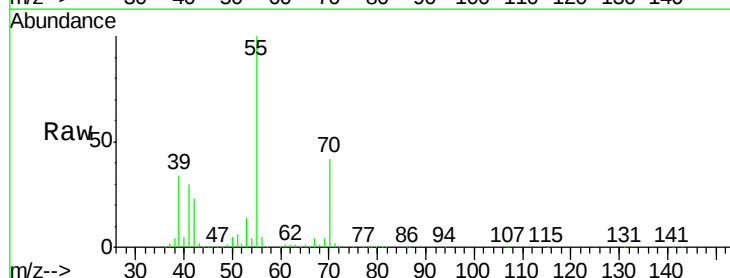
Tot Ion: 59 Resp: 875
Ion Ratio Lower Upper
59 100
57 31.3 8.2 12.2#

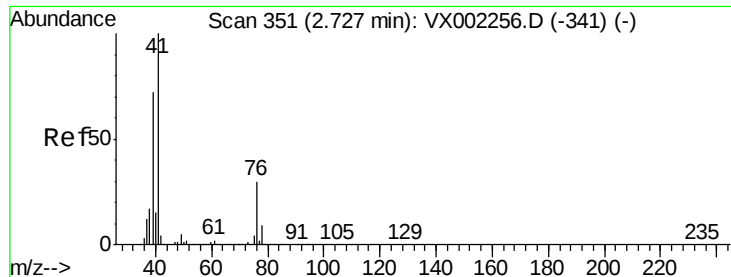


#13

Acrolein
Concen: 151.66 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.03 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 56 Resp: 47847
Ion Ratio Lower Upper
56 100
55 2204.4 57.0 85.4#





#14

Allvl chloride

Concen: 17.44 ua/l

RT: 2.81 min Scan# 365

Delta R.T. 0.09 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

ClientSampled :

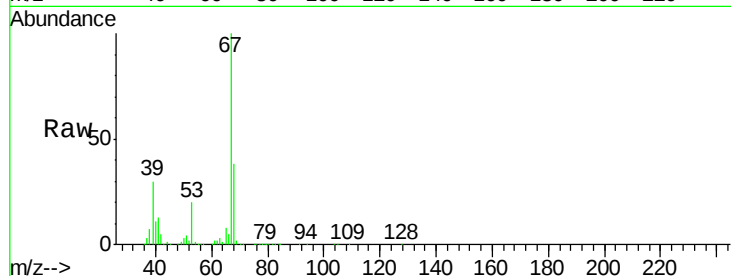
Tot Ion: 41 Resp: 87333

Ion Ratio Lower Upper

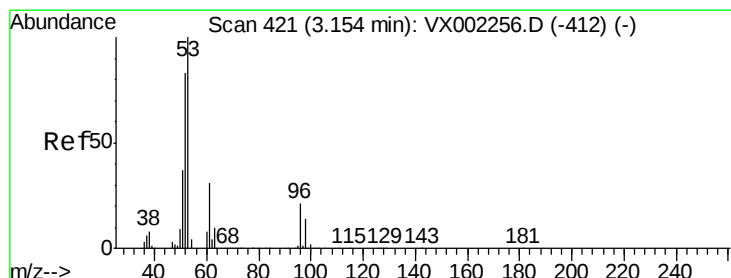
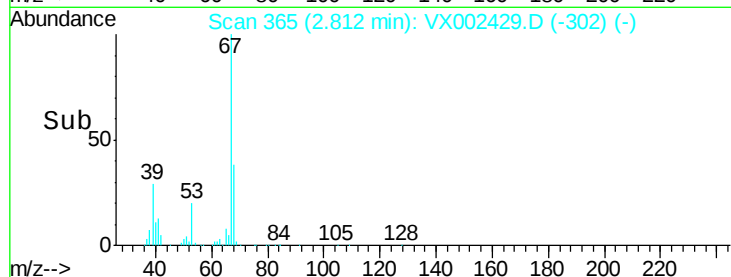
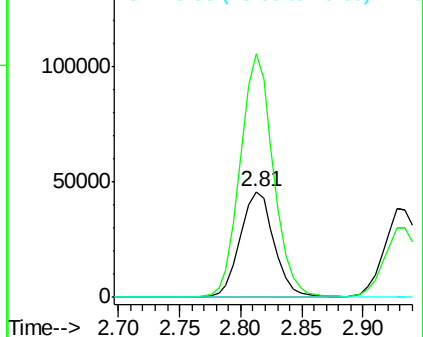
41 100

39 225.5 56.8 85.2#

76 0.1 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: Below Cal

RT: 3.33 min Scan# 450

Delta R.T. 0.18 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

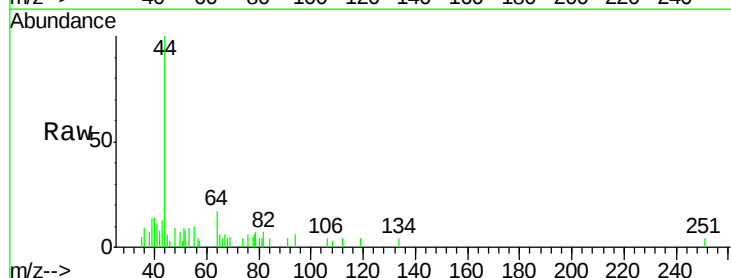
Tgt Ion: 53 Resp: 369

Ion Ratio Lower Upper

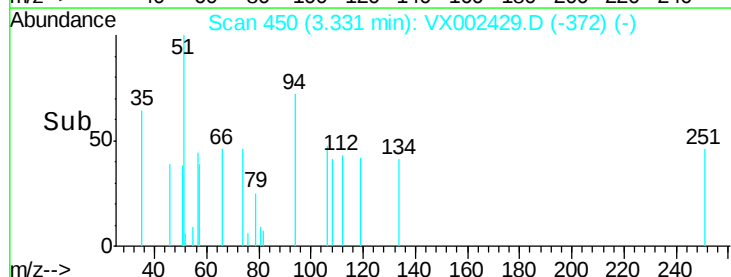
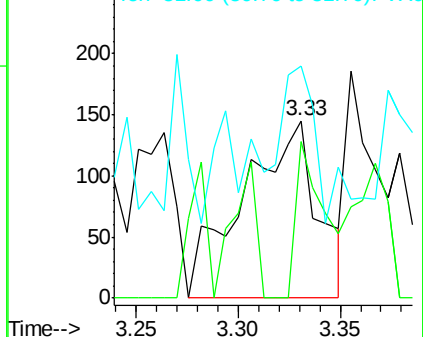
53 100

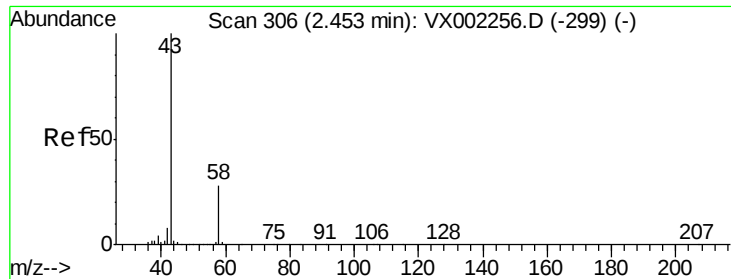
52 33.6 66.7 100.1#

51 0.0 29.9 44.9#



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





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

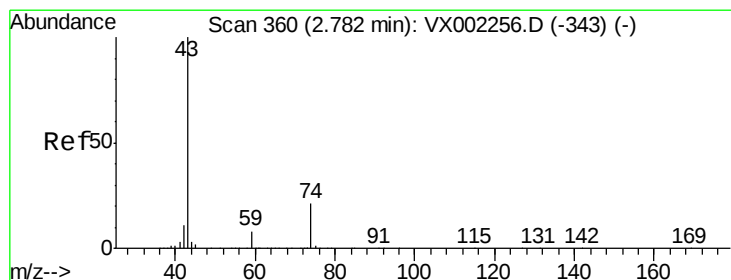
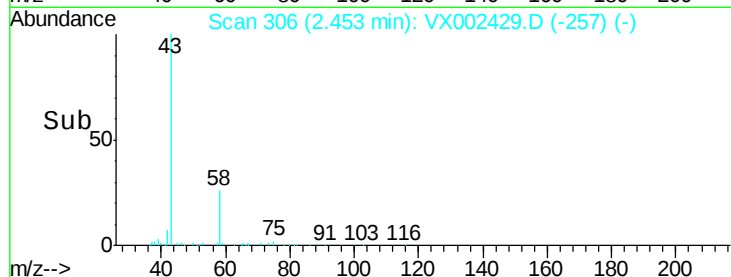
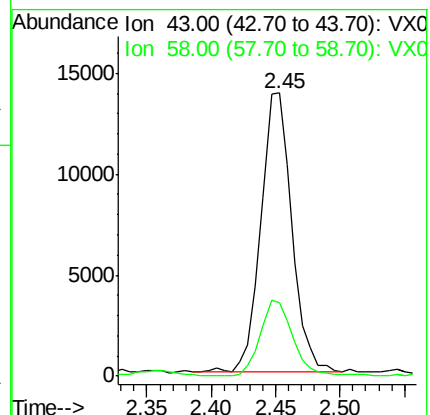
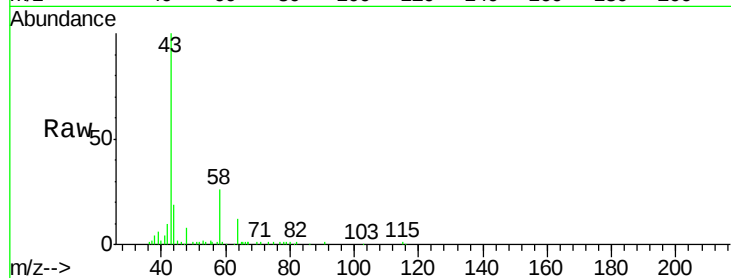
ClientSampled :

Tot Ion: 43 Resp: 22818

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1



#18

Methyl Acetate

Concen: Below Cal

RT: 2.76 min Scan# 357

Delta R.T. -0.02 min

Lab File: VX002429.D

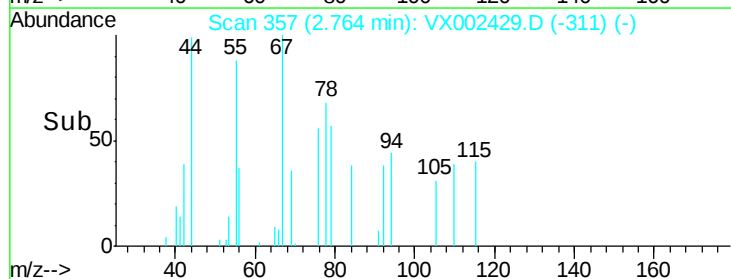
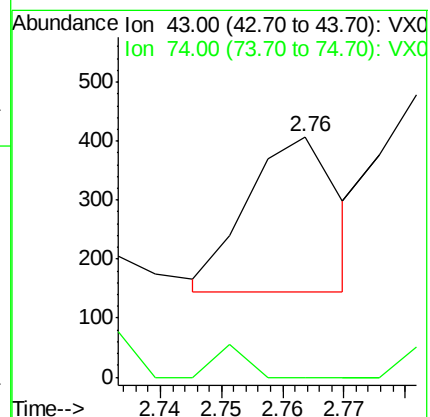
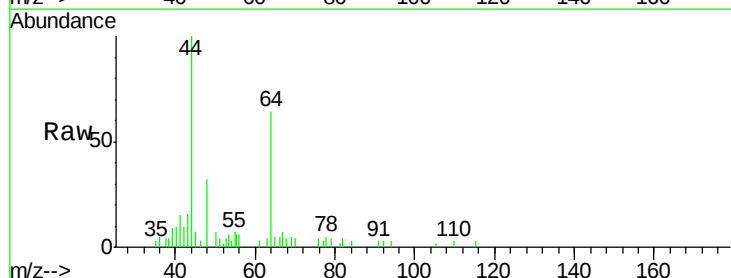
Acq: 09 Jun 2018 18:49

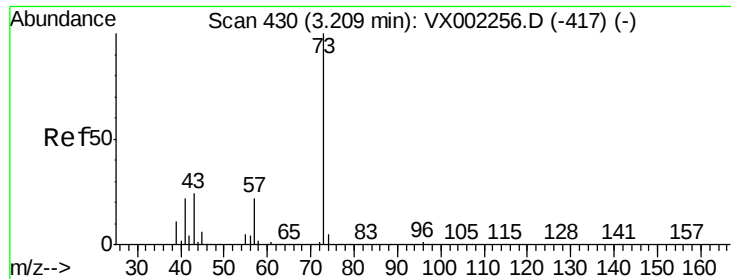
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

74 7.4 16.7 25.1#

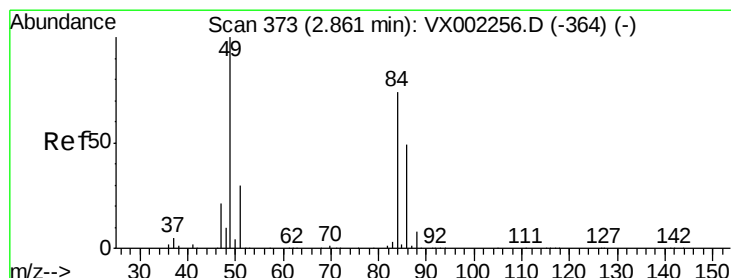
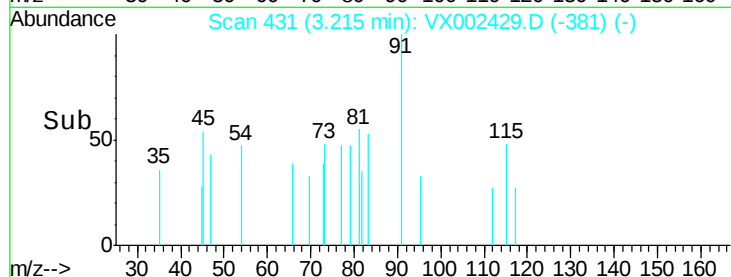
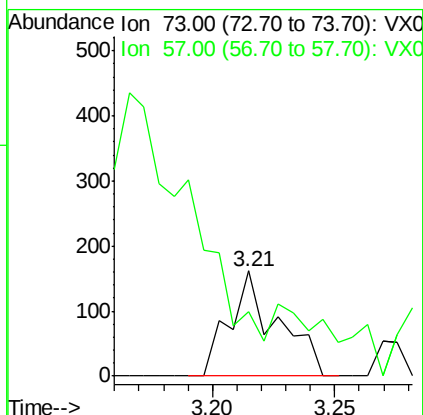
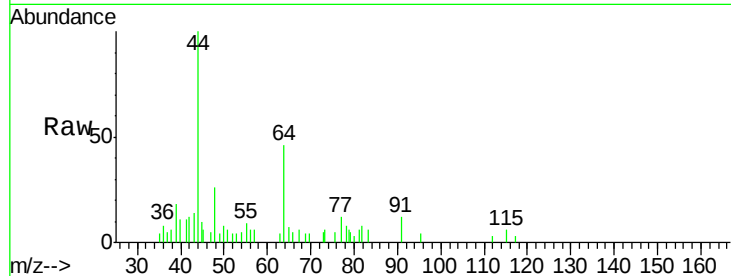




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

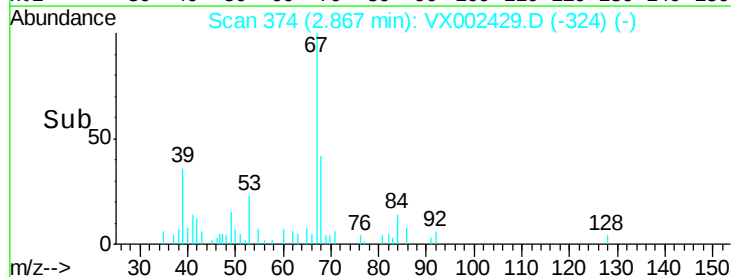
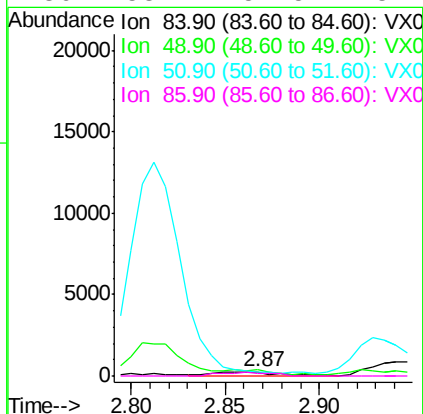
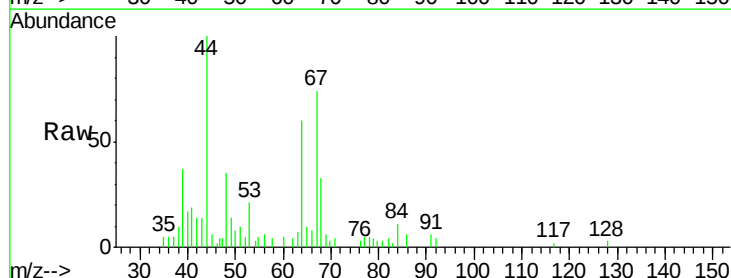
Instrument :
MSVOA_X
ClientSampled :

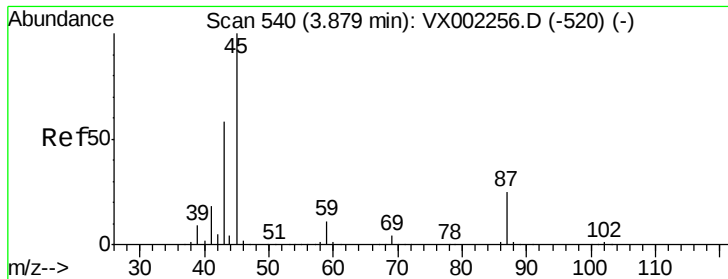
Tot Ion: 73 Resp: 219
Ion Ratio Lower Upper
73 100
57 30.2 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 84 Resp: 659
Ion Ratio Lower Upper
84 100
49 63.9 107.8 161.6#
51 0.0 32.8 49.2#
86 58.4 52.5 78.7



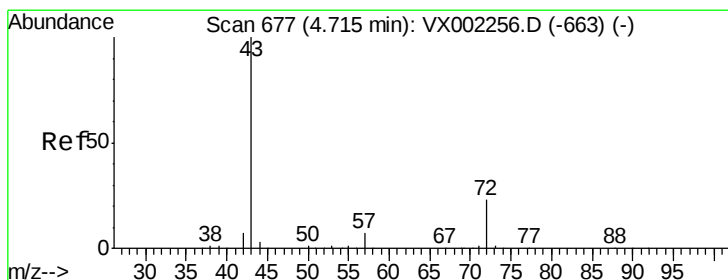
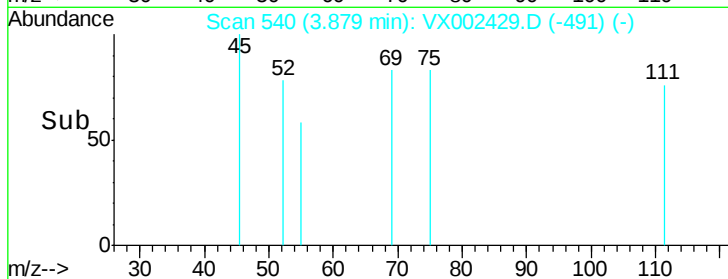
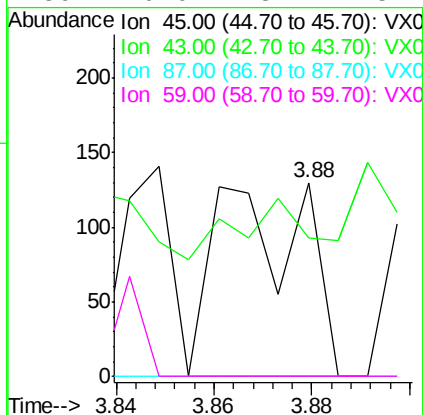
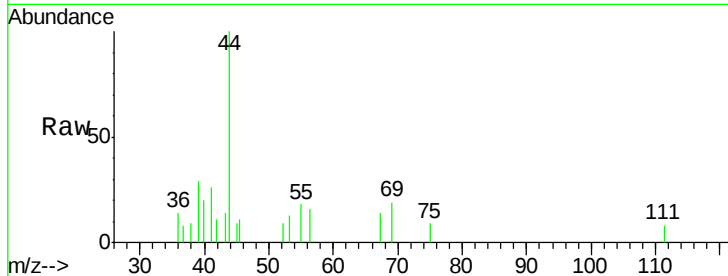


#22

Diisopropyl ether
 Concen: Below Cal
 RT: 3.88 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

Instrument :
 MSVOA_X
 ClientSampled :

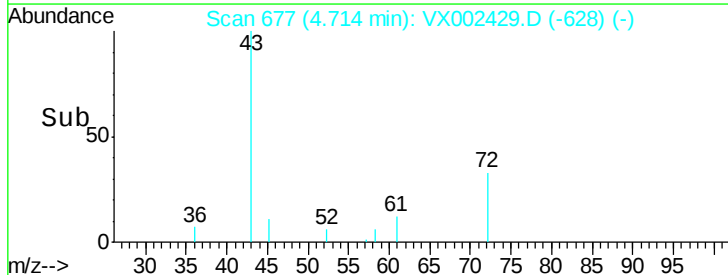
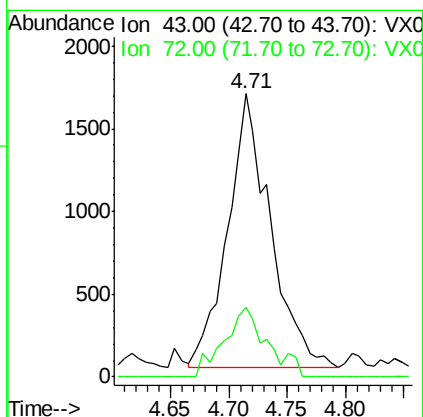
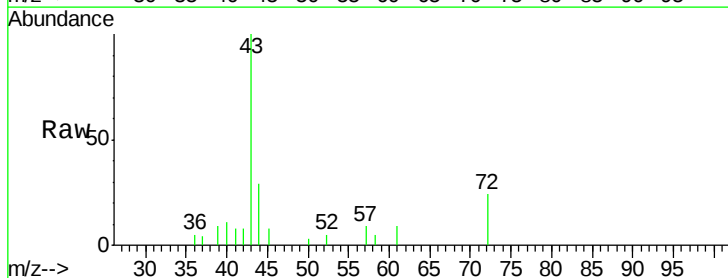
Tot Ion:	45	Resp:	159
Ion	Ratio	Lower	Upper
45	100		
43	11.5	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

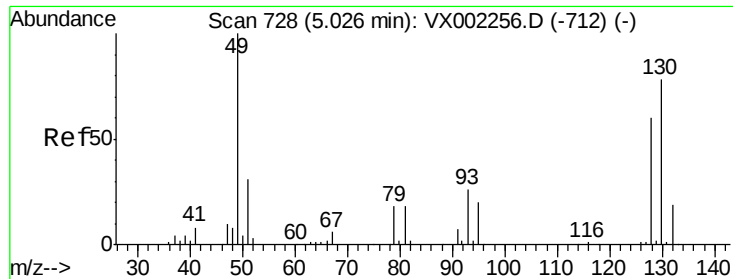


#25

2-Butanone
 Concen: 1.98 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

Tgt Ion:	43	Resp:	4211
Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.5	27.7





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 725

Delta R.T. -0.02 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

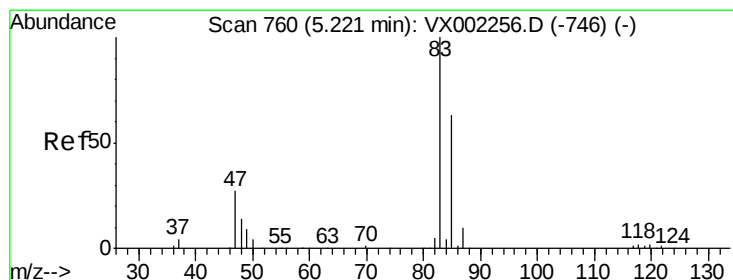
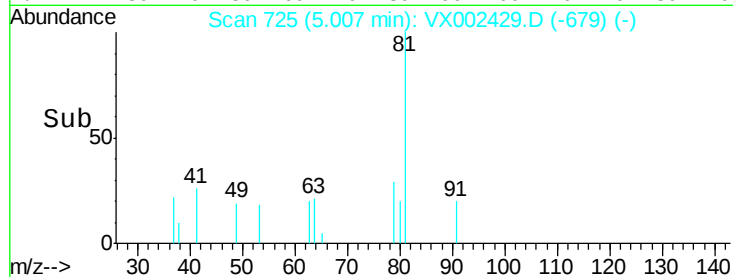
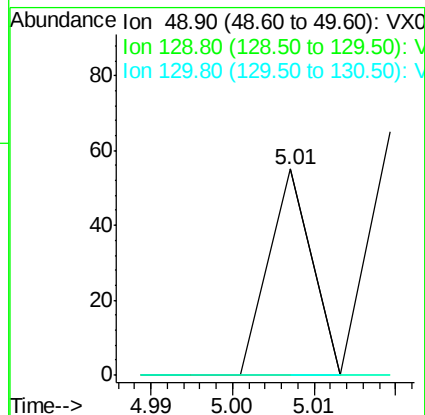
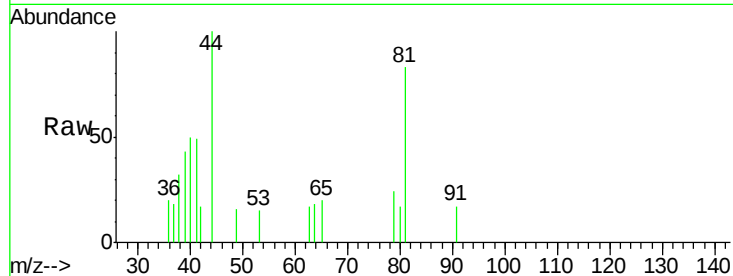
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 49 Resp: 20

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



#30

Chloroform

Concen: 0.29 ug/l

RT: 5.31 min Scan# 775

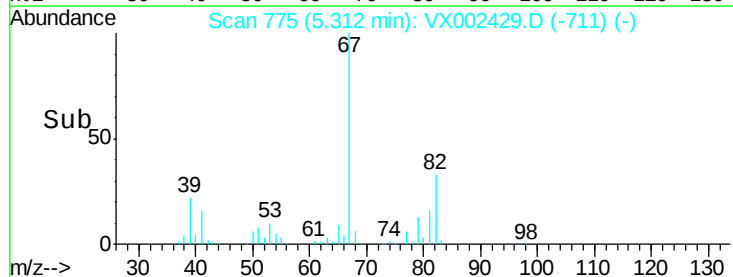
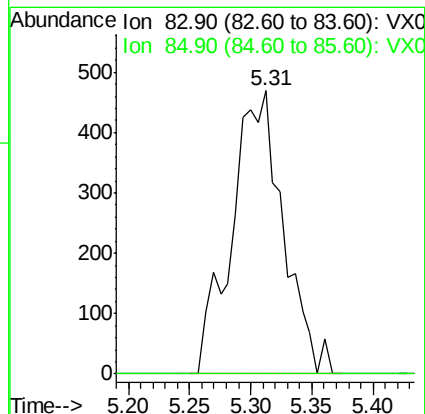
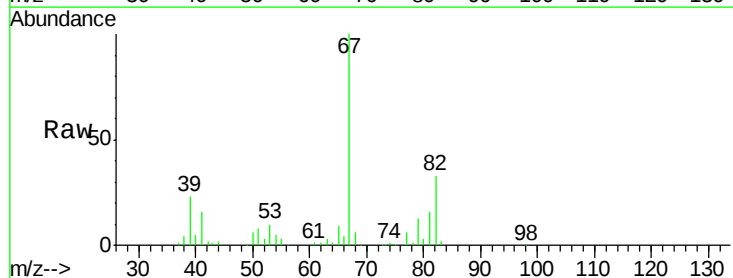
Delta R.T. 0.09 min

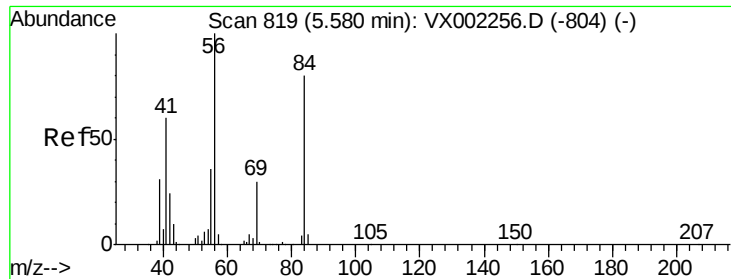
Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Tgt Ion: 83 Resp: 1369

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#

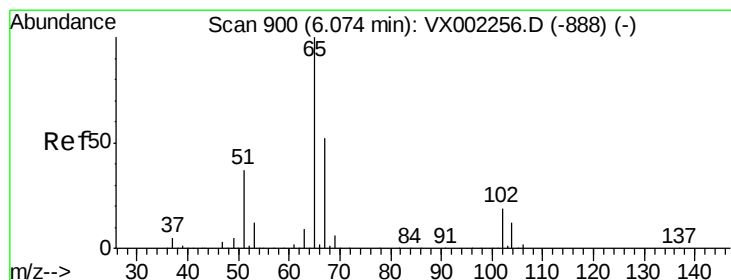
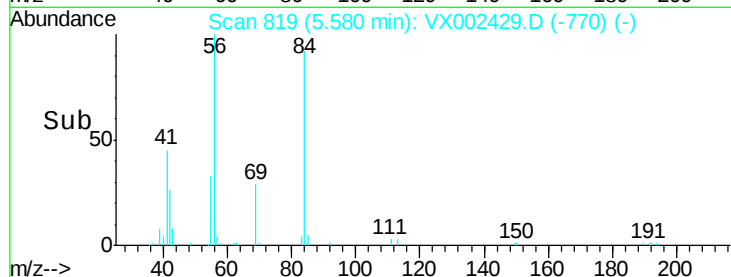
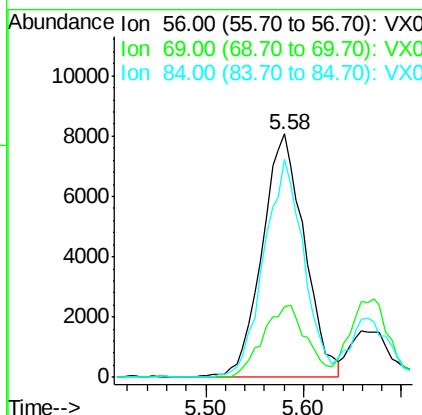
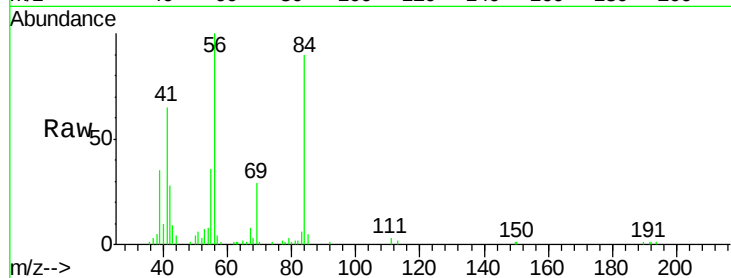




#31
Cyclohexane
Concen: 6.22 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

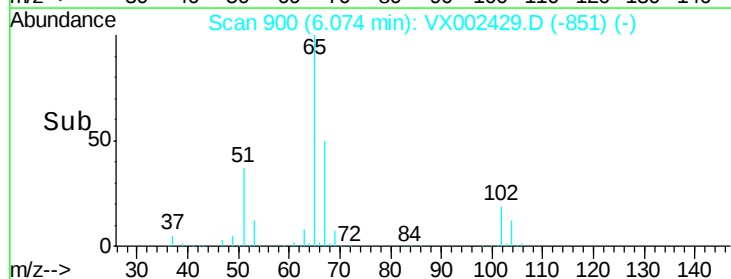
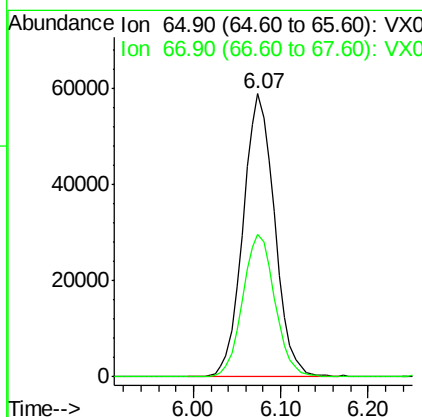
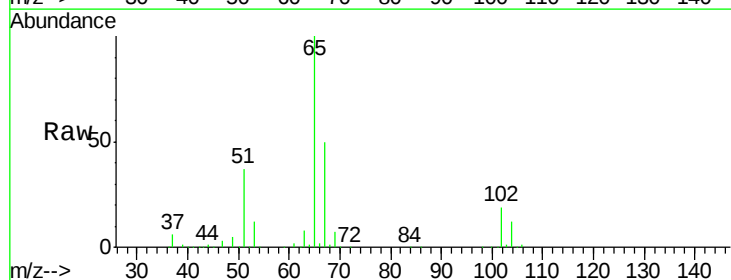
Instrument :
MSVOA_X
ClientSampleId :

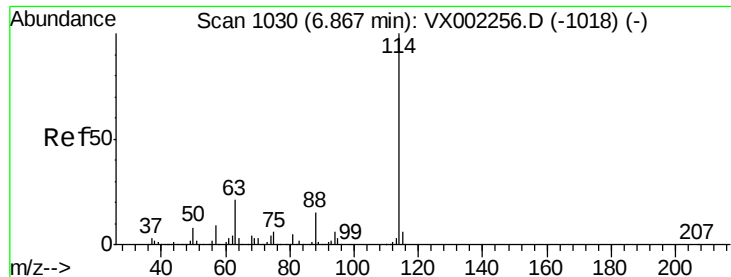
Tot Ion: 56 Resp: 24320
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 89.8 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 47.41 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 65 Resp: 147484
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

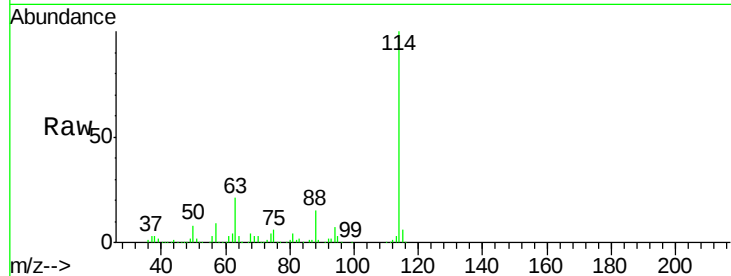
Tot Ion:114 Resp: 312925

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

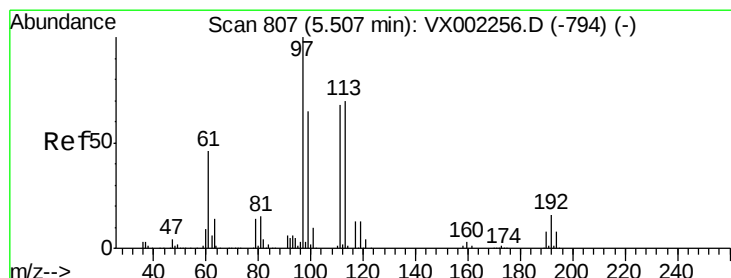
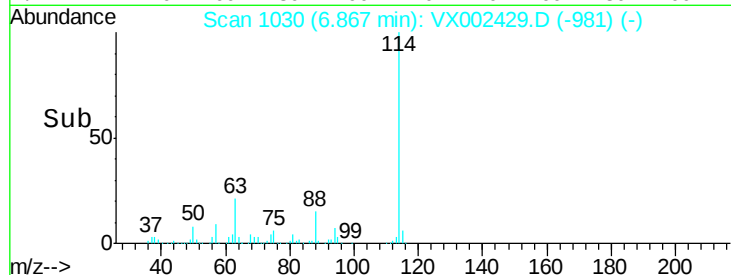
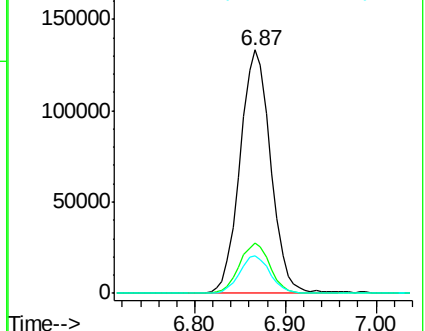
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.28 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

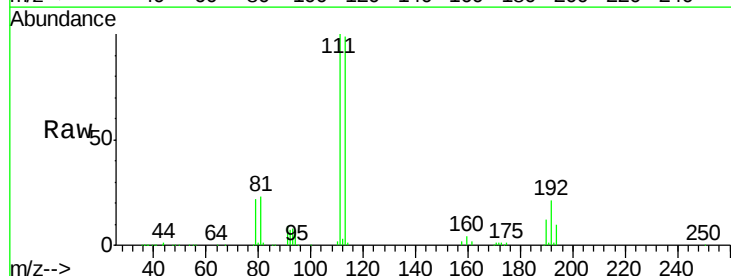
Tgt Ion:113 Resp: 113892

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

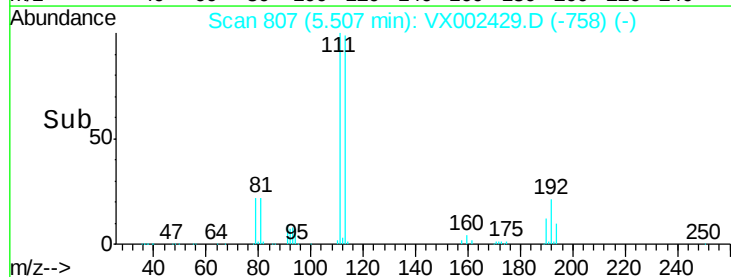
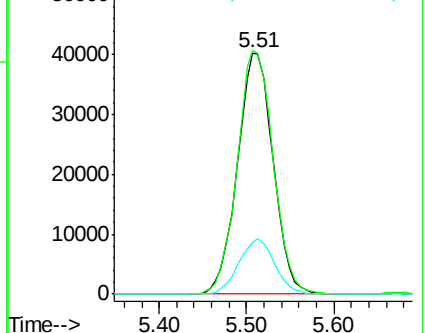
192 22.9 19.1 28.7

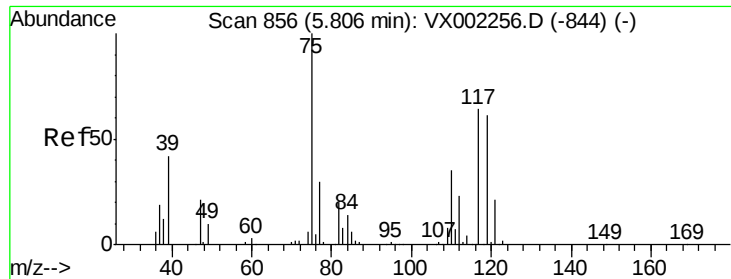


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

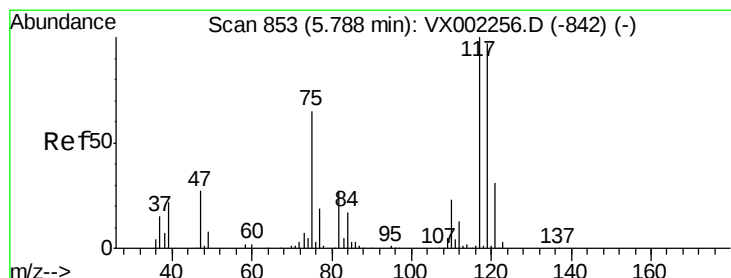
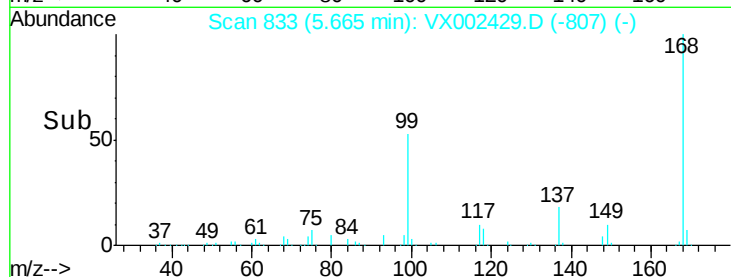
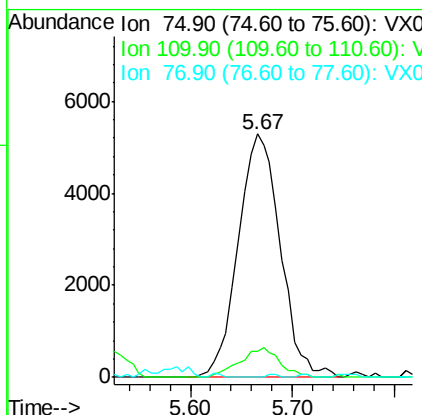
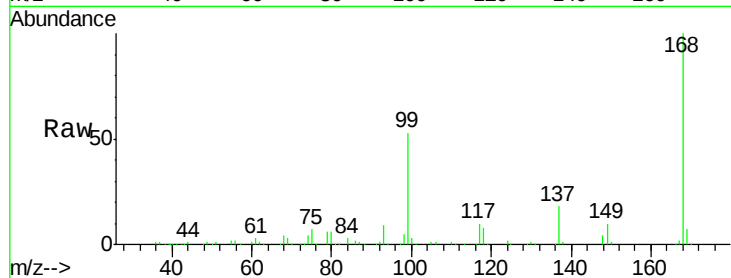




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

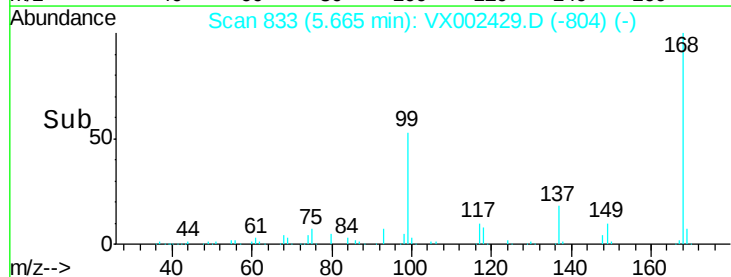
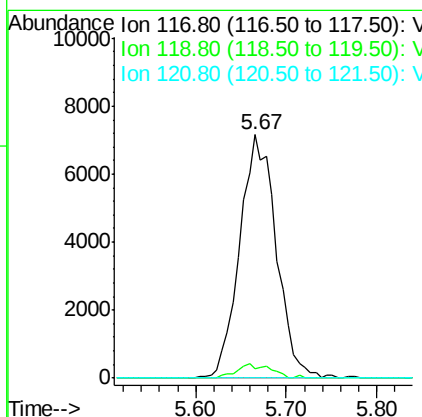
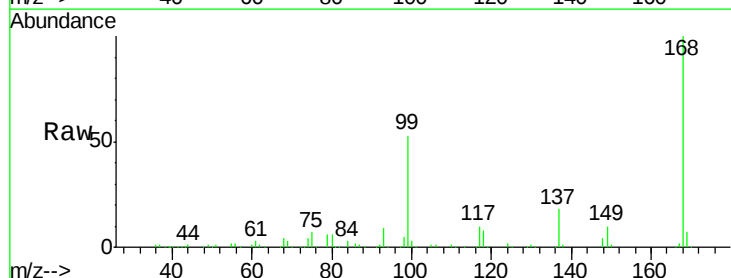
Instrument :
 MSVOA_X
 ClientSampleId :

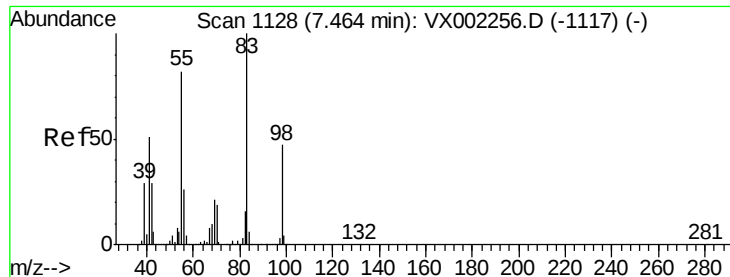
Tot Ion: 75 Resp: 15136
 Ion Ratio Lower Upper
 75 100
 110 11.5 18.1 54.4#
 77 0.3 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.81 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

Tgt Ion: 117 Resp: 19990
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.4 116.0#
 121 0.0 24.4 36.6#

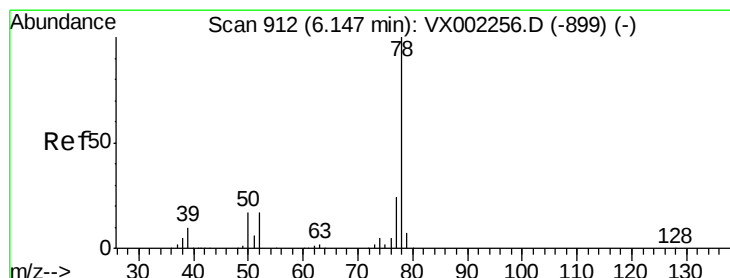
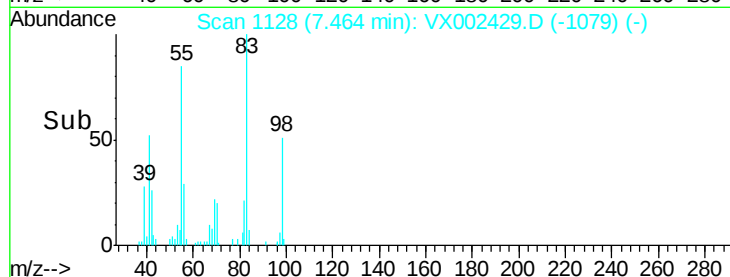
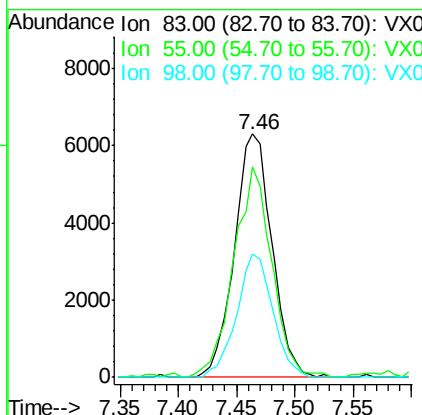
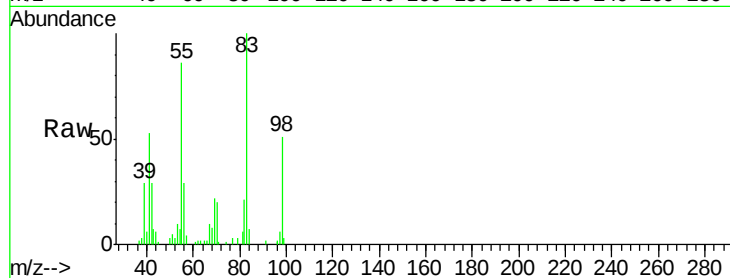




#39
Methvlcvclohexane
Concen: 3.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

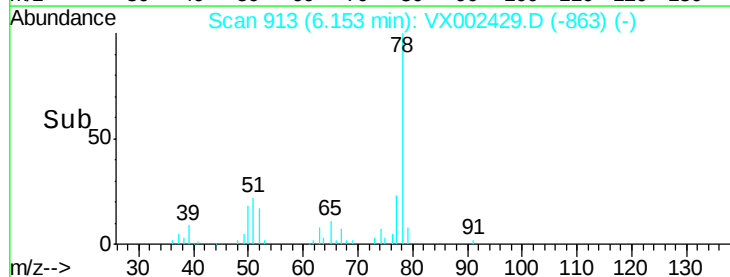
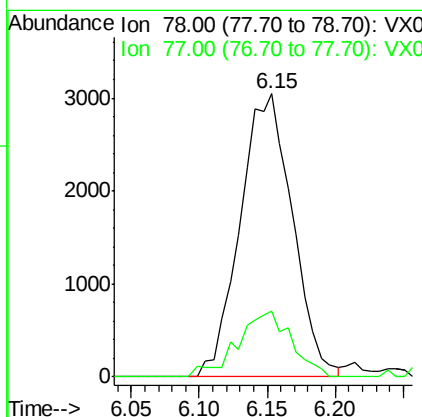
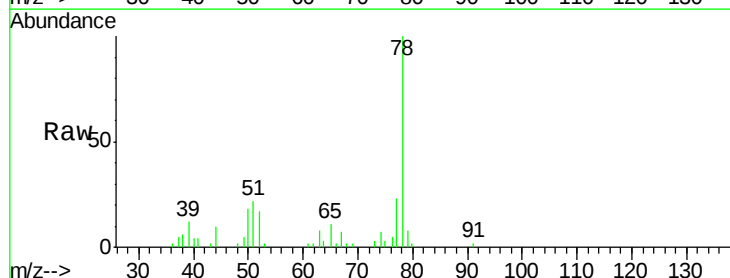
Instrument :
MSVOA_X
ClientSampleId :

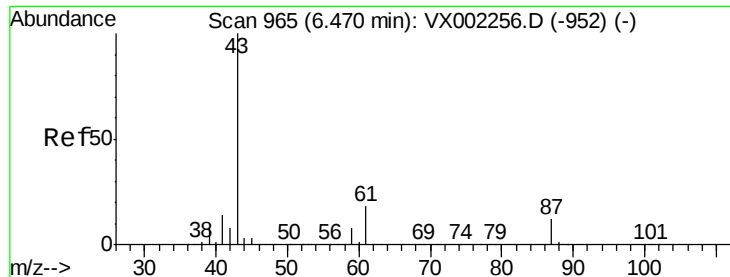
Tot Ion: 83 Resp: 14167
Ion Ratio Lower Upper
83 100
55 86.2 65.4 98.0
98 50.9 37.4 56.0



#40
Benzene
Concen: 0.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 78 Resp: 8197
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





#43

Isopropyl Acetate

Concen: 2.68 ug/l

RT: 6.40 min Scan# 953

Delta R.T. -0.07 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

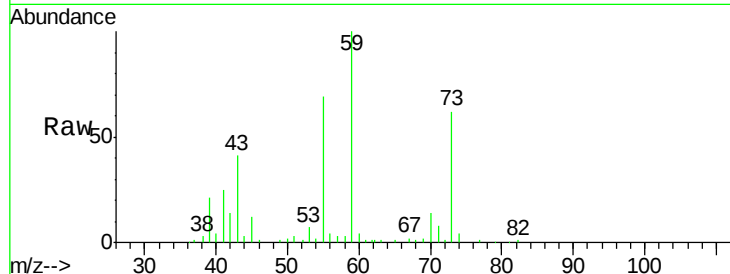
Tot Ion: 43 Resp: 18018

Ion Ratio Lower Upper

43 100

61 1.8 14.4 21.6#

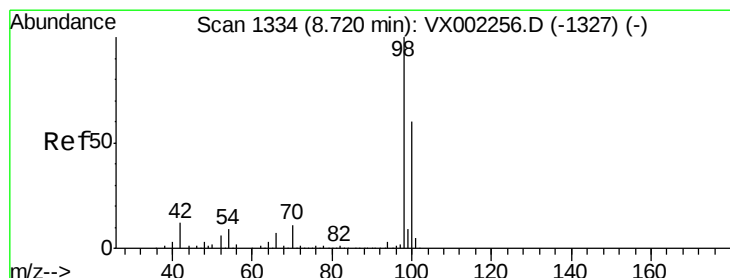
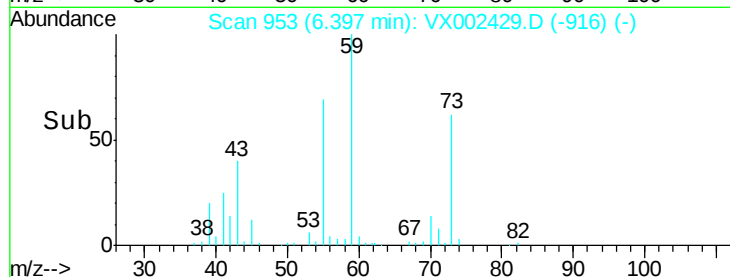
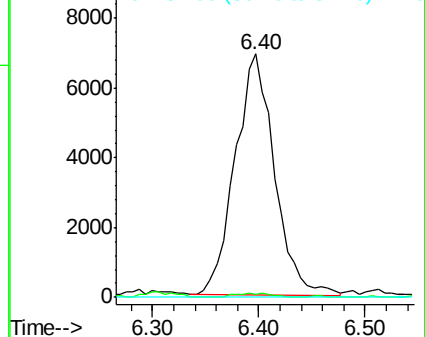
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 47.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002429.D

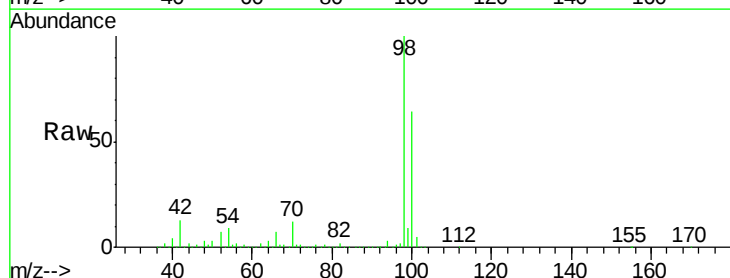
Acq: 09 Jun 2018 18:49

Tgt Ion: 98 Resp: 451976

Ion Ratio Lower Upper

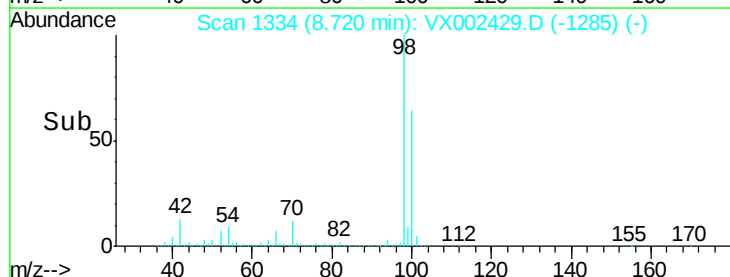
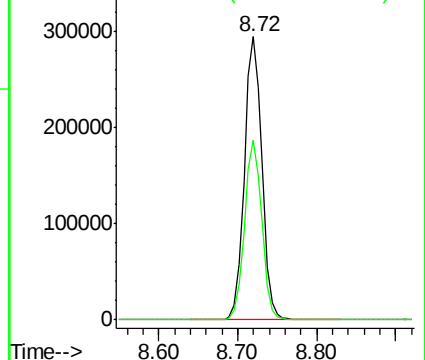
98 100

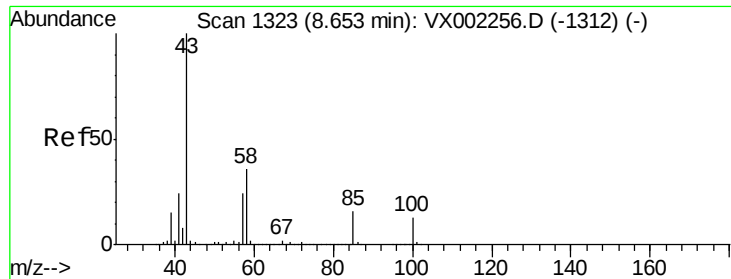
100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

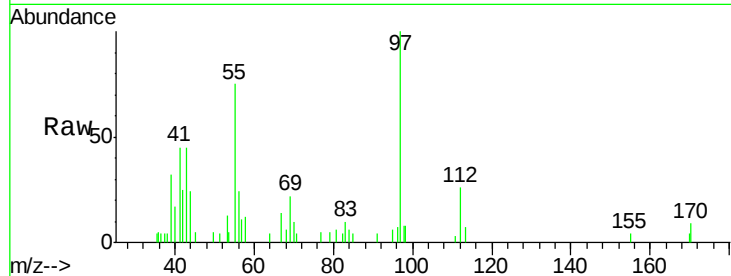
ClientSampled :

Tot Ion: 43 Resp: 903

Ion Ratio Lower Upper

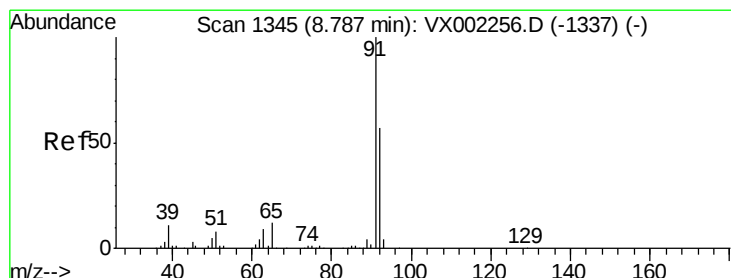
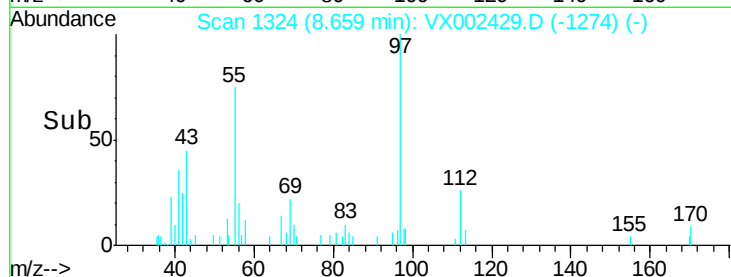
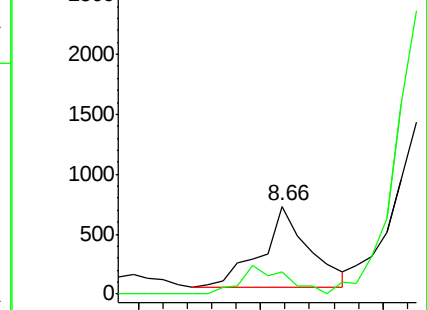
43 100

58 34.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002429.D

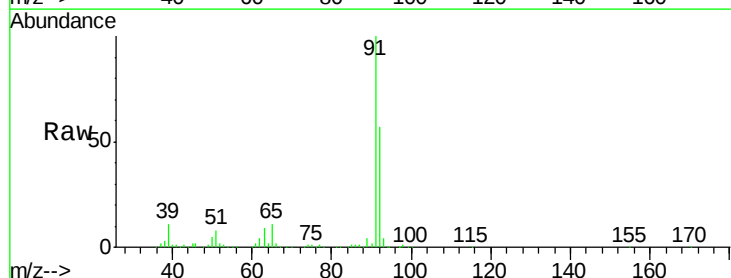
Acq: 09 Jun 2018 18:49

Tgt Ion: 92 Resp: 121496

Ion Ratio Lower Upper

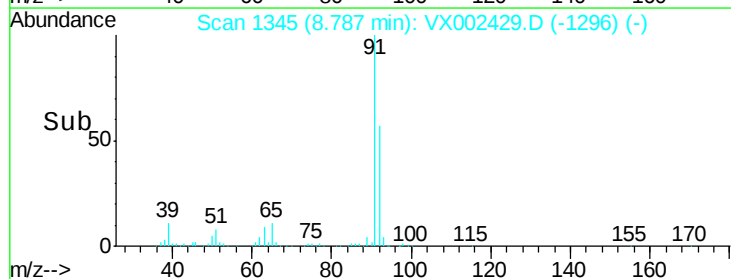
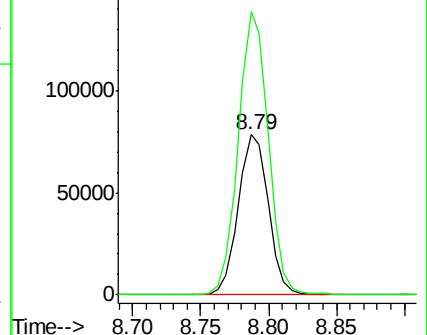
92 100

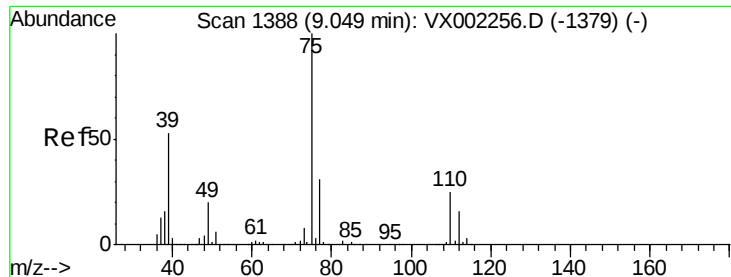
91 175.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



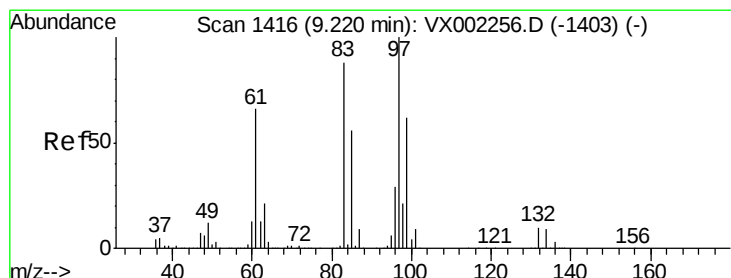
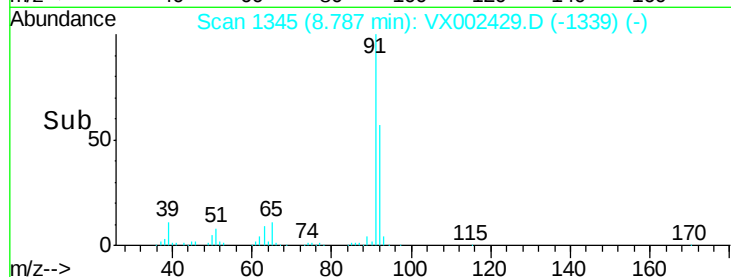
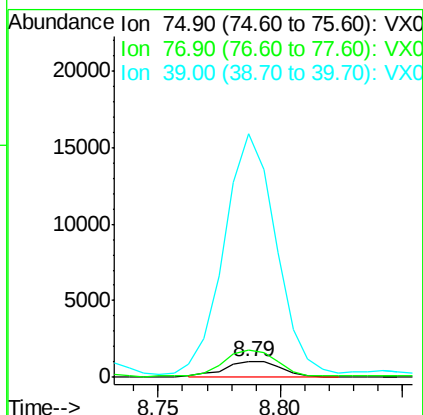
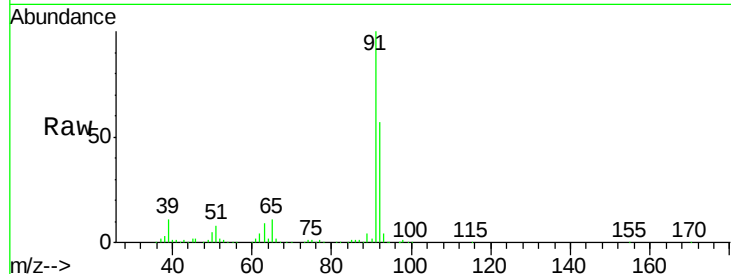


#54

cis-1,3-Dichloropropene
 Concen: 0.44 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.26 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

Instrument :
 MSVOA_X
 ClientSampleId :

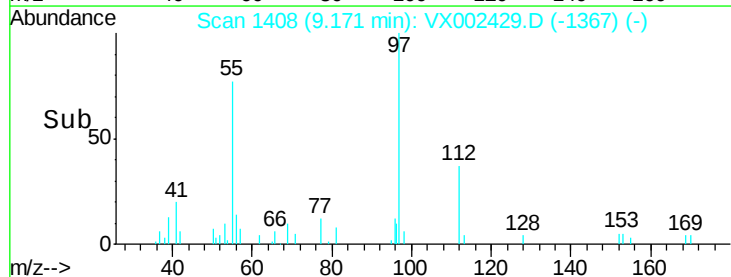
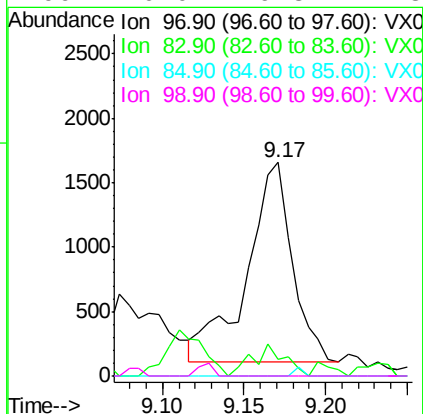
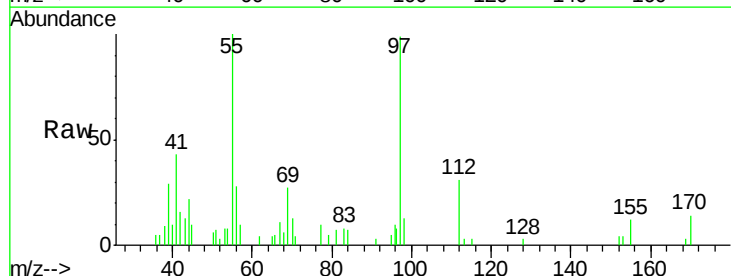
Tot Ion: 75 Resp: 1671
 Ion Ratio Lower Upper
 75 100
 77 169.1 24.8 37.2#
 39 1555.0 42.4 63.6#

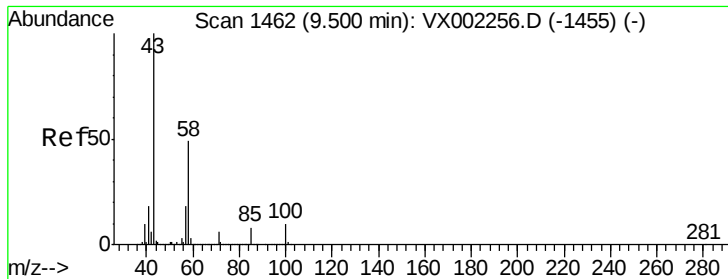


#55

1,1,2-Trichloroethane
 Concen: 1.15 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX002429.D
 Acq: 09 Jun 2018 18:49

Tgt Ion: 97 Resp: 3027
 Ion Ratio Lower Upper
 97 100
 83 5.1 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#

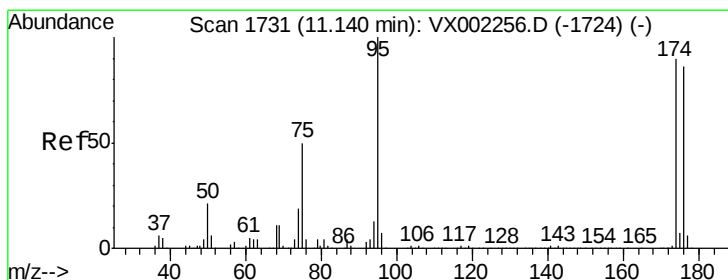
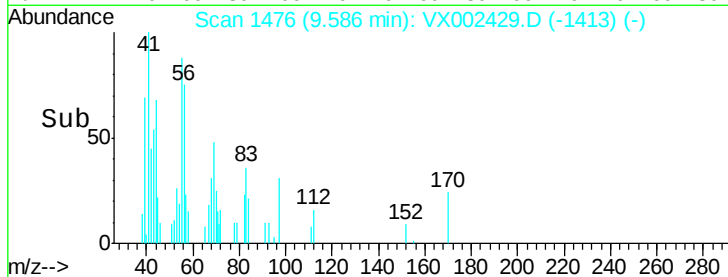
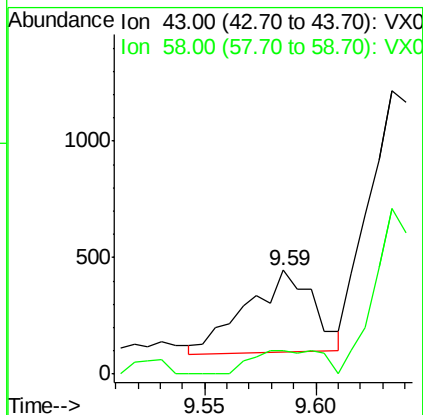
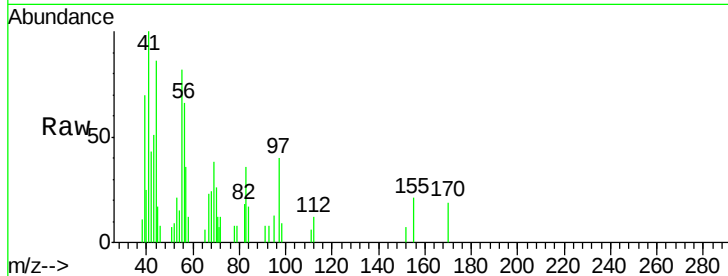




#59
2-Hexanone
Concen: 0.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.09 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

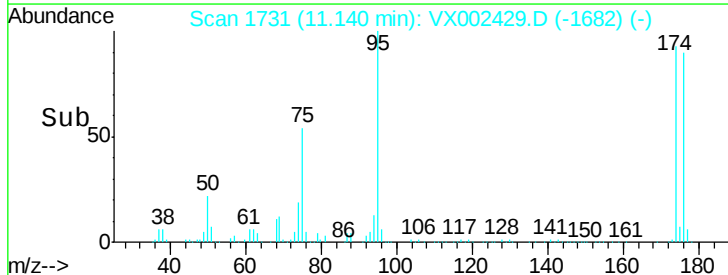
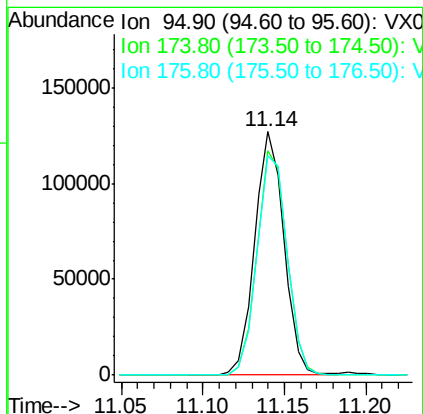
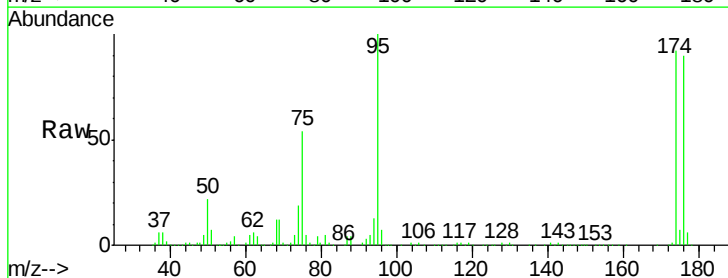
Instrument :
MSVOA_X
ClientSampleId :

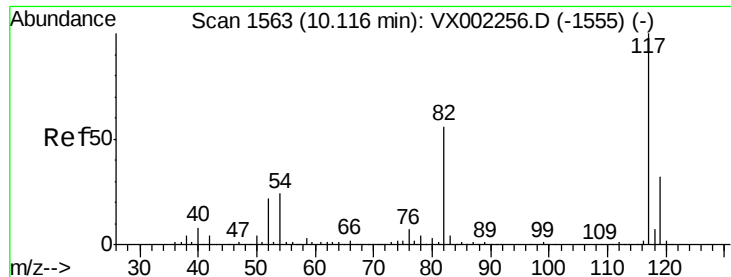
Tot Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 31.0 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 43.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 95 Resp: 158980
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 93.1 0.0 181.0

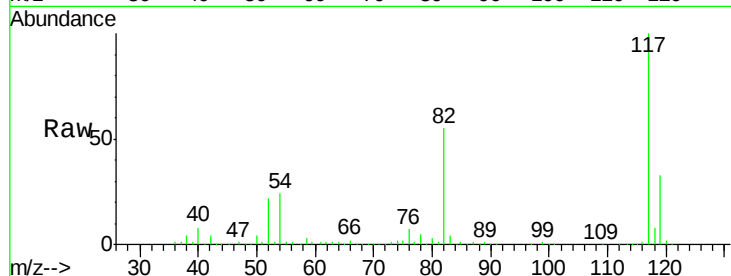




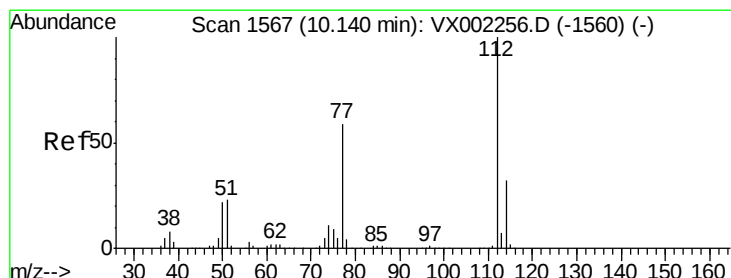
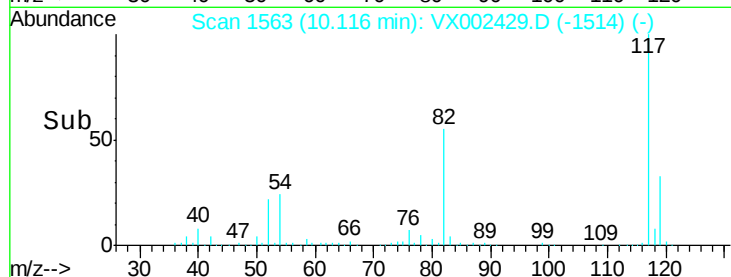
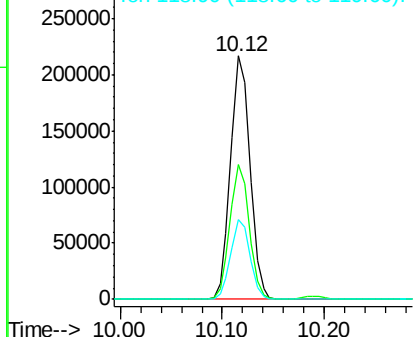
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 286220
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.7 25.8 38.6

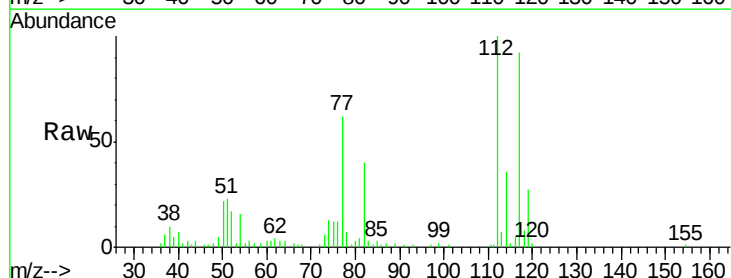


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

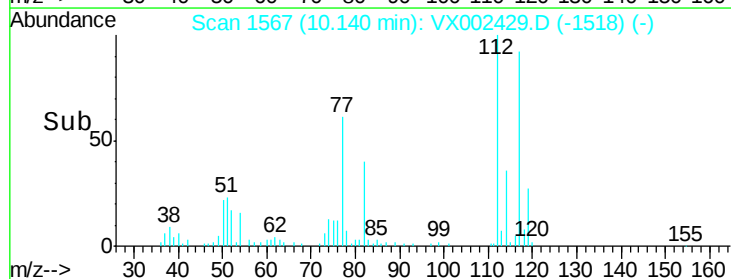
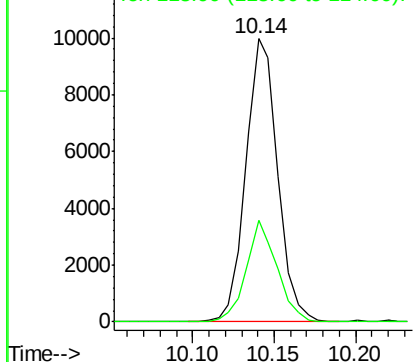


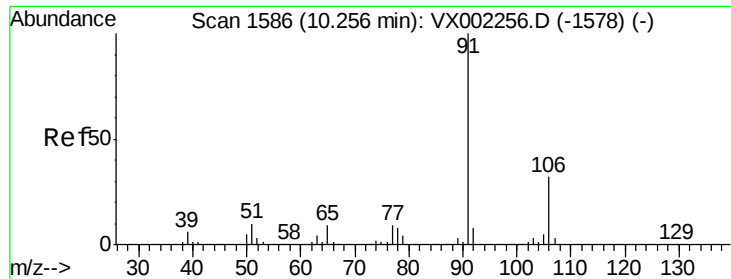
#65
Chlorobenzene
Concen: 1.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion:112 Resp: 13542
Ion Ratio Lower Upper
112 100
114 35.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.53 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

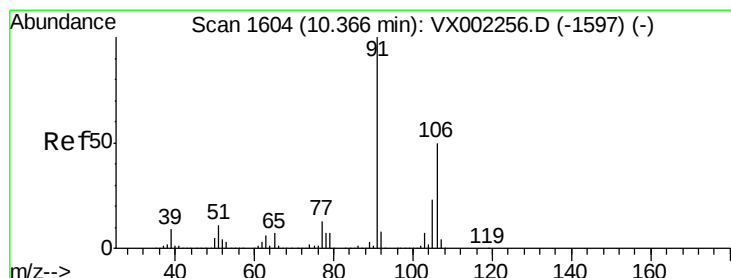
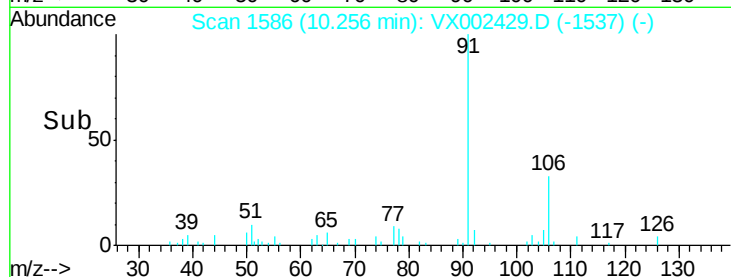
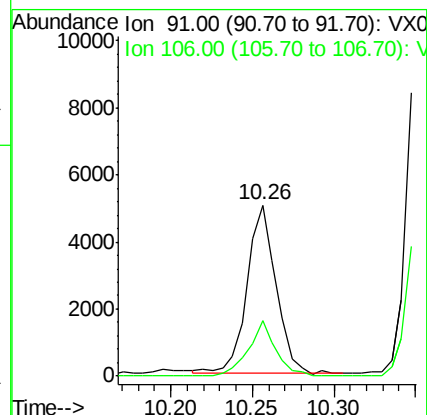
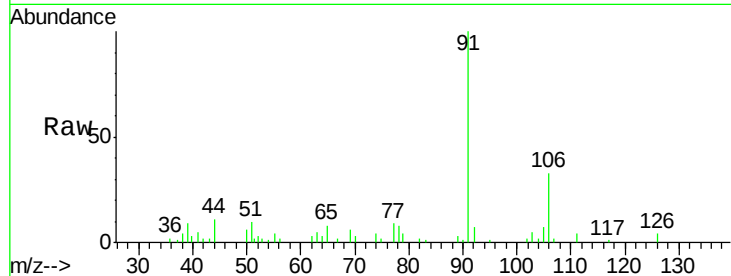
ClientSampleId :

Tot Ion: 91 Resp: 6292

Ion Ratio Lower Upper

91 100

106 33.2 25.5 38.3



#68

m/p-Xylenes

Concen: 6.03 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002429.D

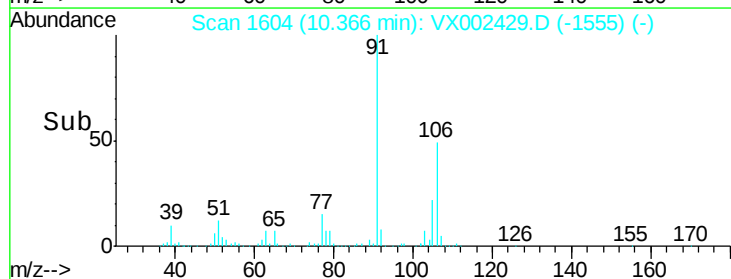
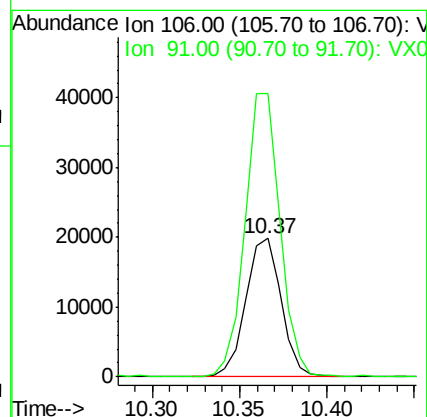
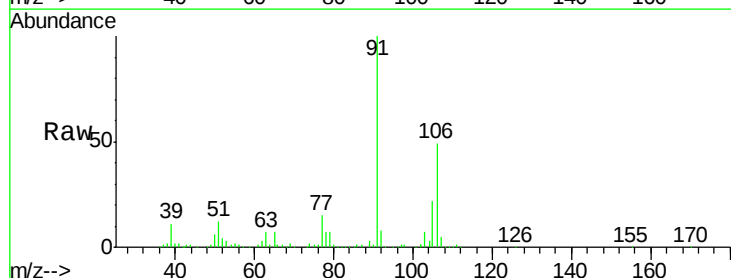
Acq: 09 Jun 2018 18:49

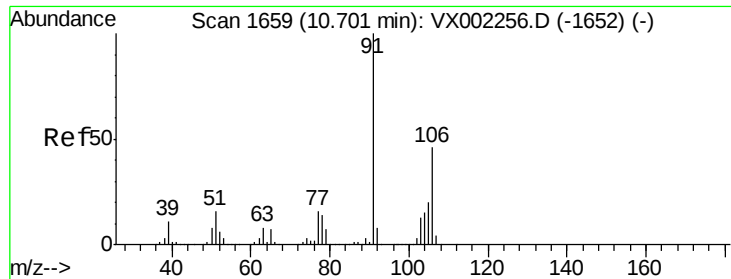
Tgt Ion: 106 Resp: 27926

Ion Ratio Lower Upper

106 100

91 201.1 163.4 245.2

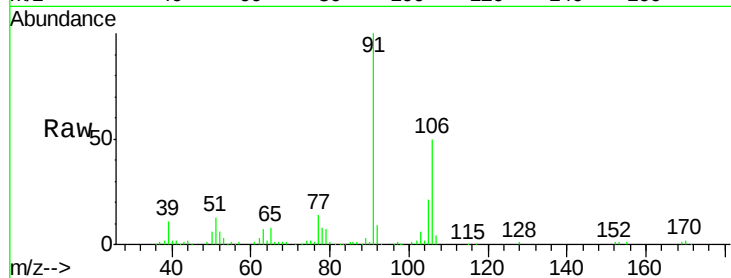




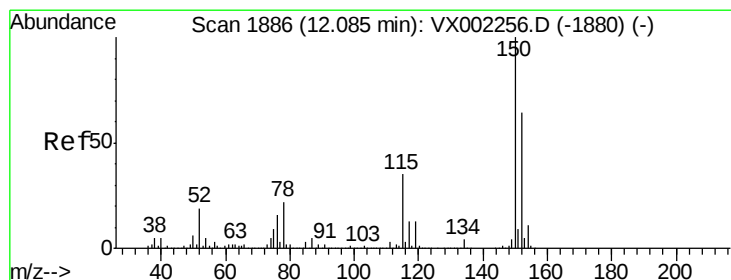
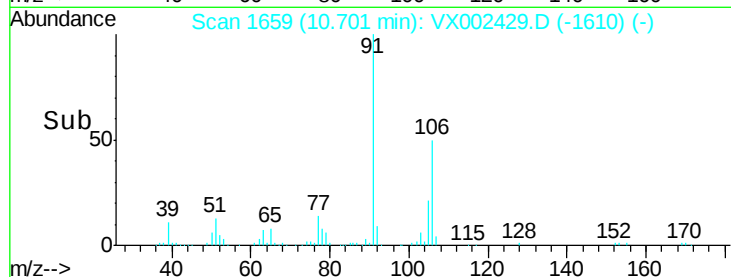
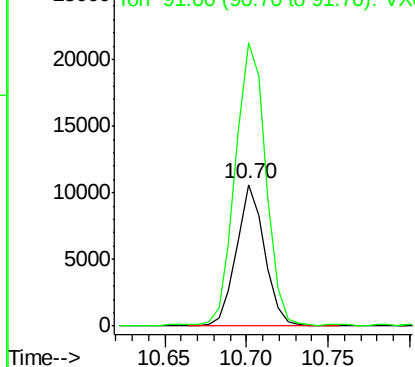
#69
o-Xylene
Concen: 2.78 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 12806
Ion Ratio Lower Upper
106 100
91 218.0 108.2 324.6

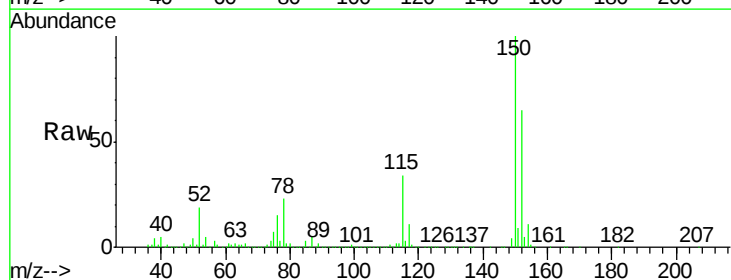


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

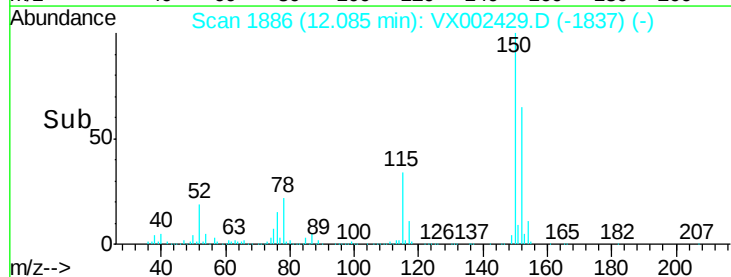
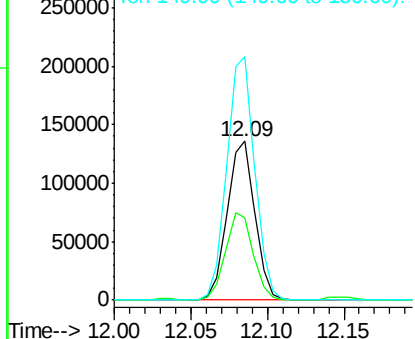


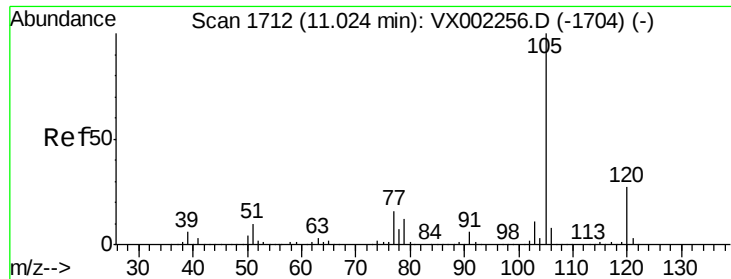
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion:152 Resp: 168997
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 155.2 0.0 347.2



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: 12.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

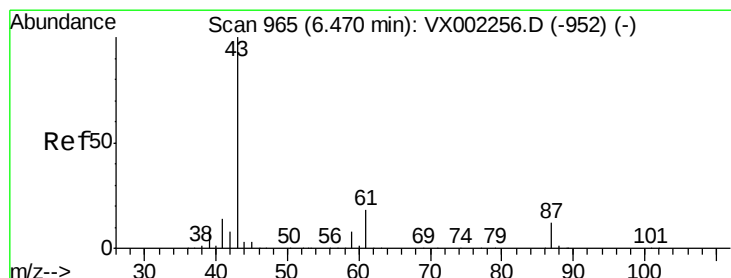
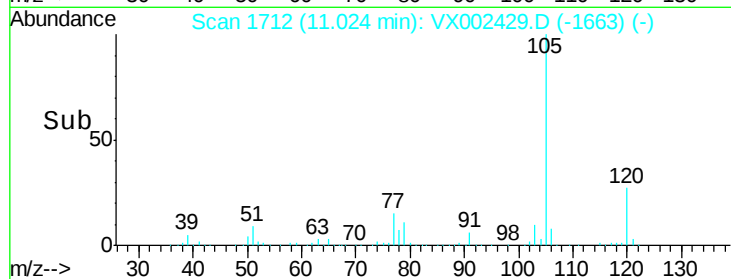
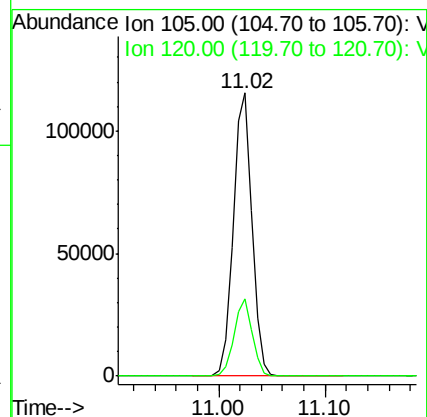
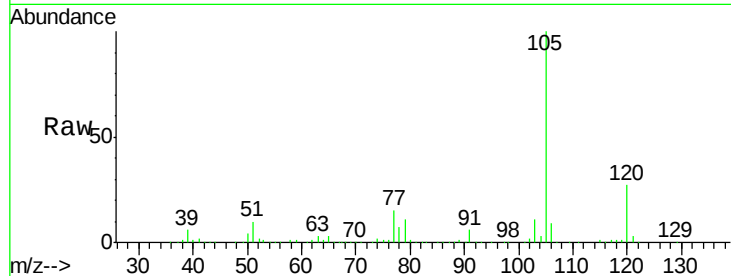
ClientSampleId :

Tot Ion:105 Resp: 142039

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 2.84 ug/l

RT: 6.40 min Scan# 953

Delta R.T. -0.07 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Tgt Ion: 43 Resp: 18018

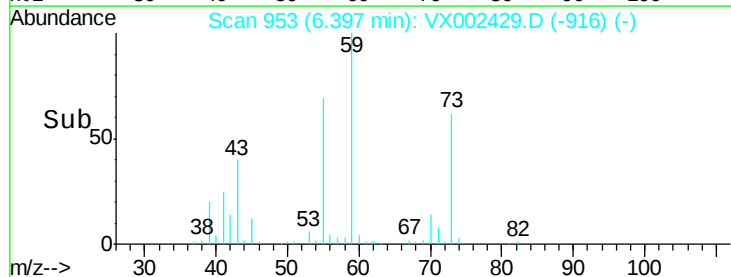
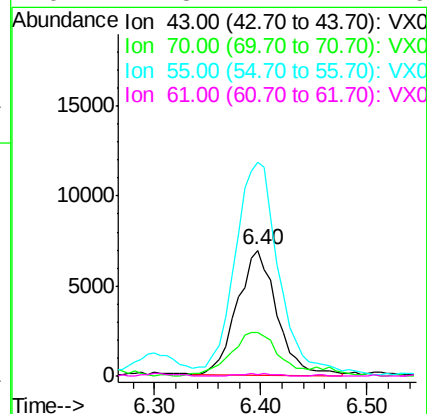
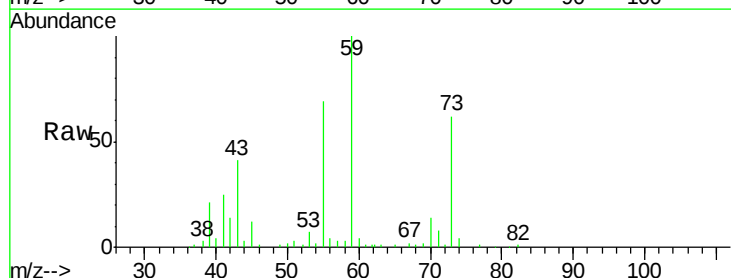
Ion Ratio Lower Upper

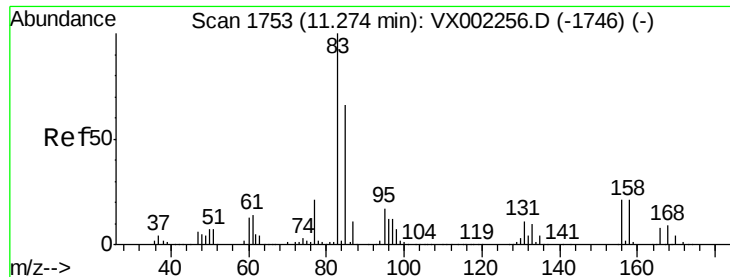
43 100

70 43.0 0.0 0.0#

55 190.7 0.0 0.0#

61 1.8 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.21 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

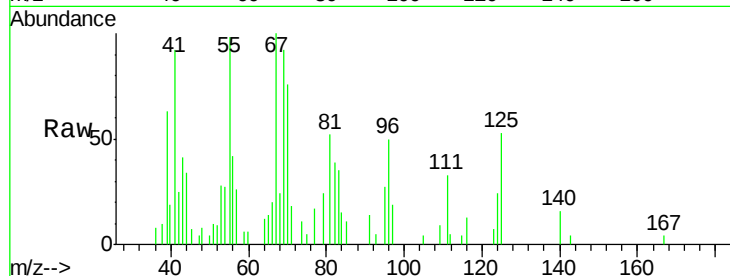
Tot Ion: 83 Resp: 766

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

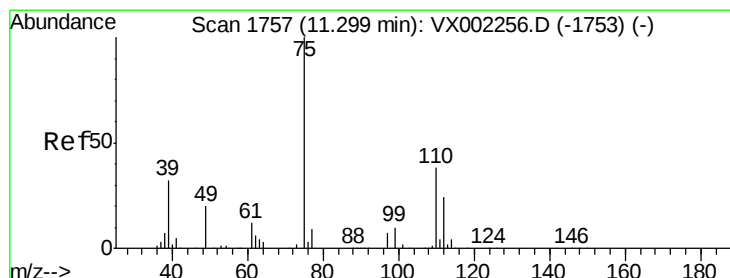
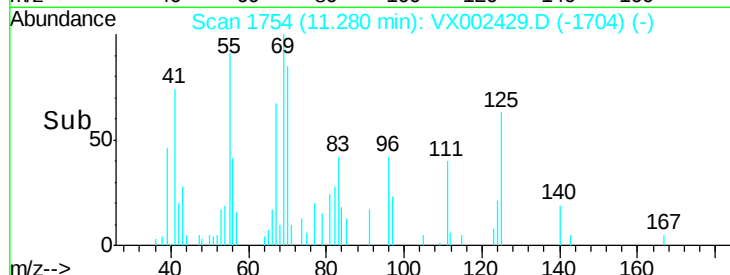
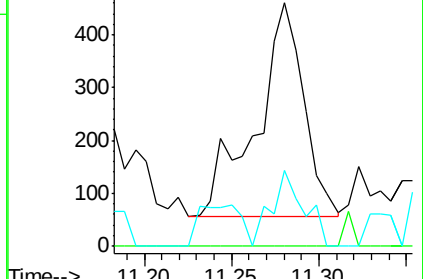
85 24.2 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002429.D

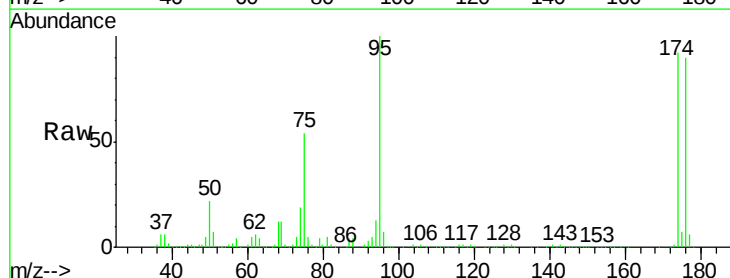
Acq: 09 Jun 2018 18:49

Tgt Ion: 75 Resp: 85447

Ion Ratio Lower Upper

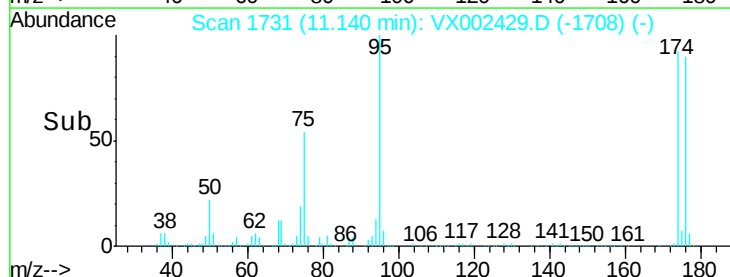
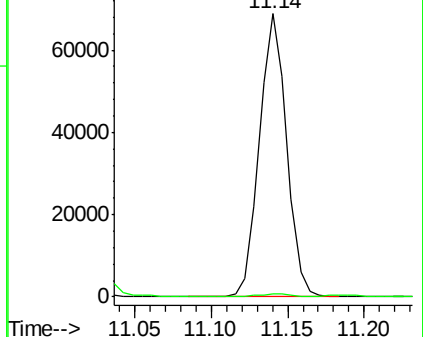
75 100

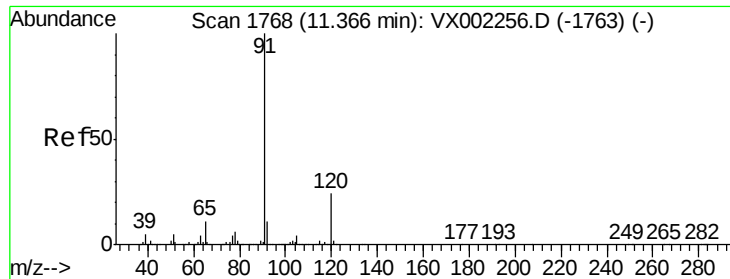
77 1.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 16.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

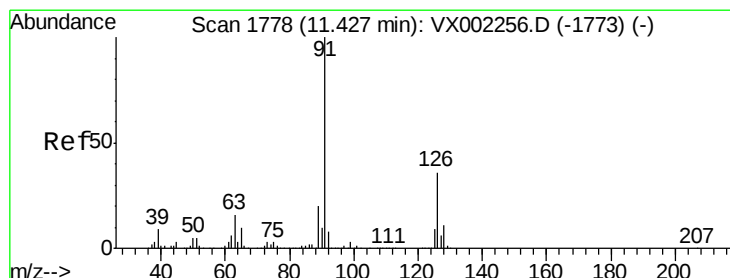
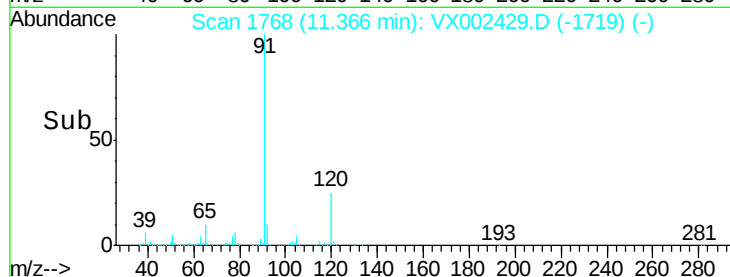
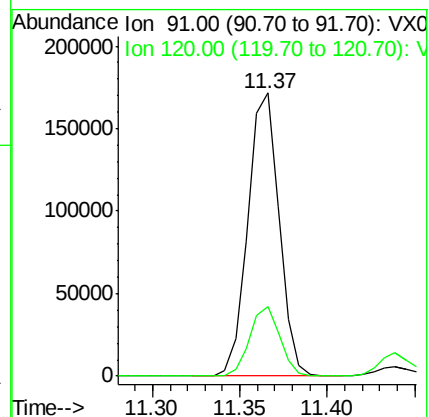
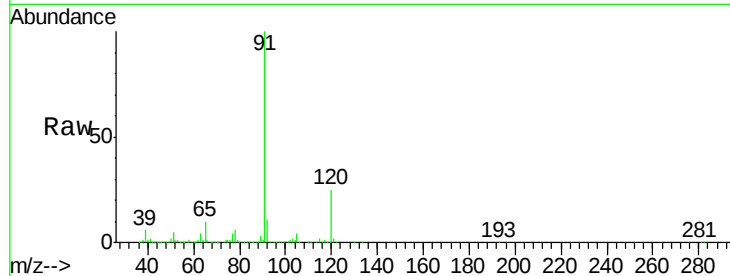
ClientSampleId :

Tot Ion: 91 Resp: 213595

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4



#79

2-Chlorotoluene

Concen: 1.05 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002429.D

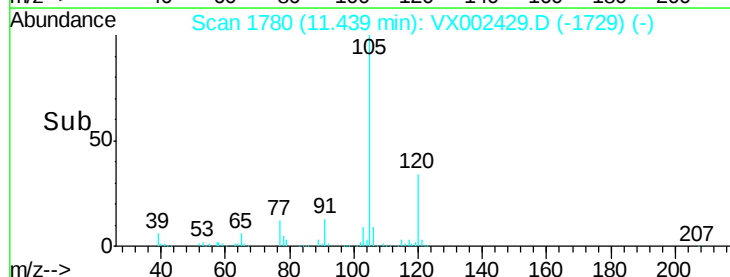
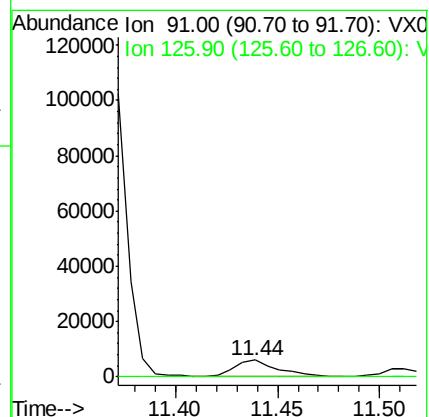
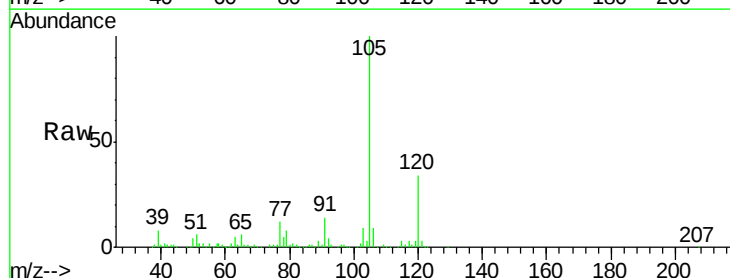
Acq: 09 Jun 2018 18:49

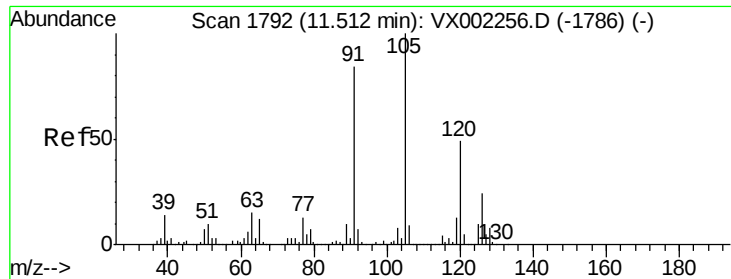
Tgt Ion: 91 Resp: 8673

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 3.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

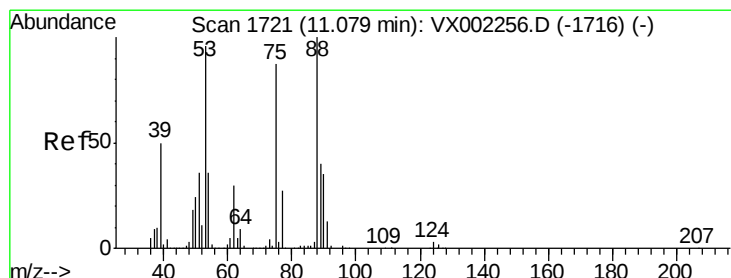
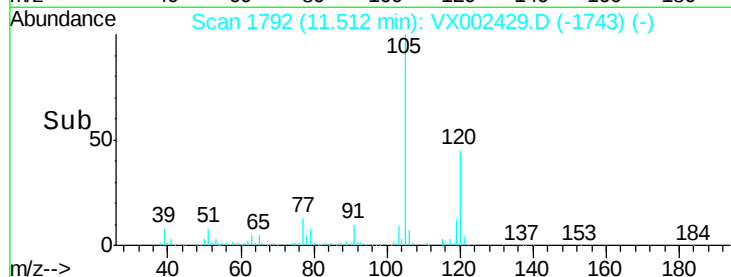
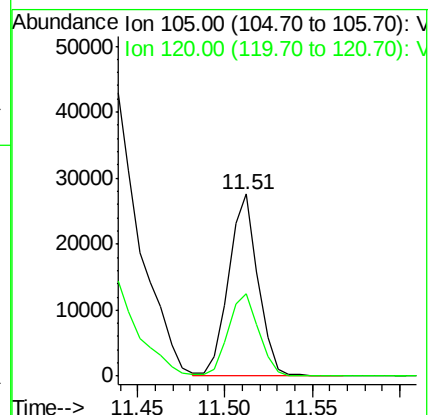
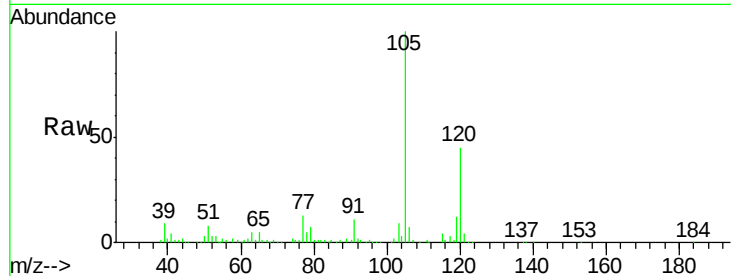
ClientSampleId :

Tot Ion:105 Resp: 32385

Ion Ratio Lower Upper

105 100

120 46.9 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 80.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

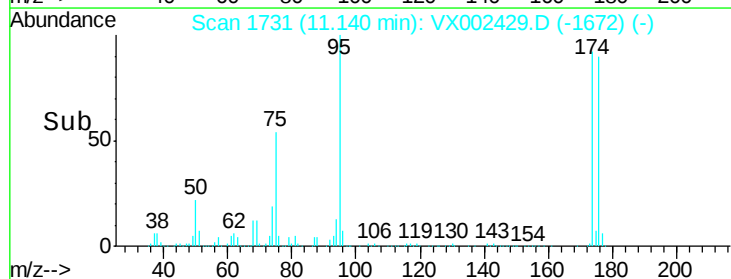
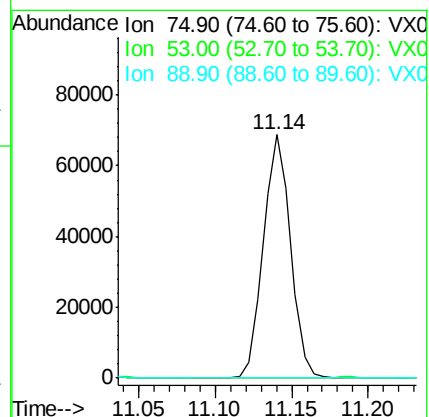
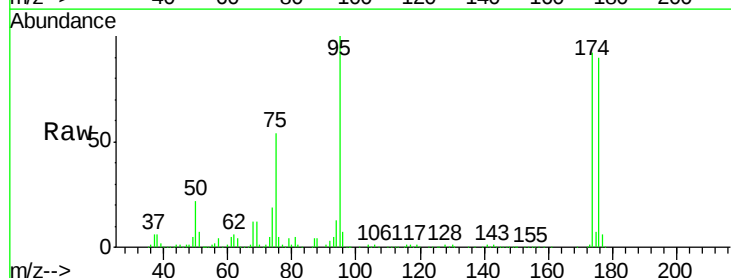
Tgt Ion: 75 Resp: 85447

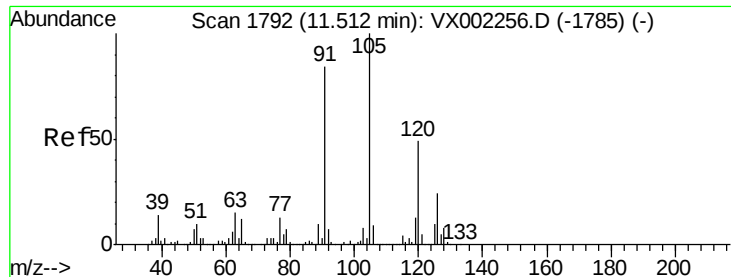
Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.91 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. -0.07 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

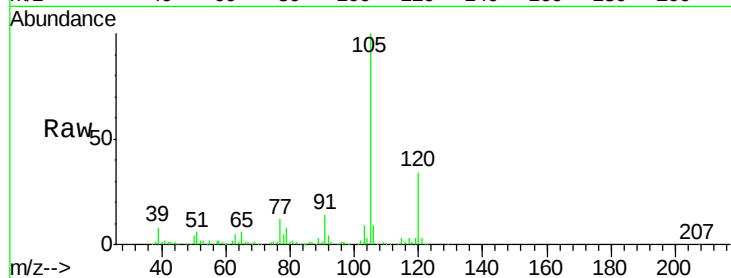
ClientSampleId :

Tot Ion: 91 Resp: 8673

Ion Ratio Lower Upper

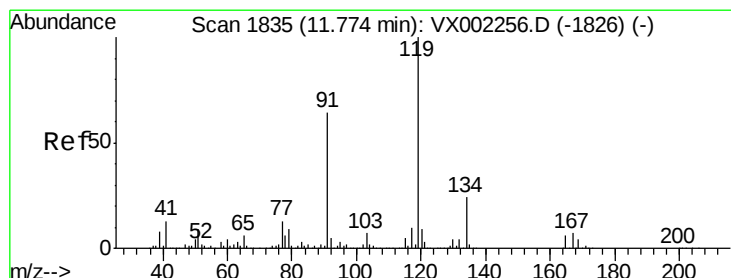
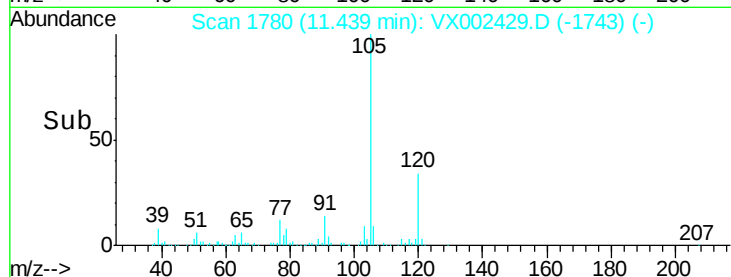
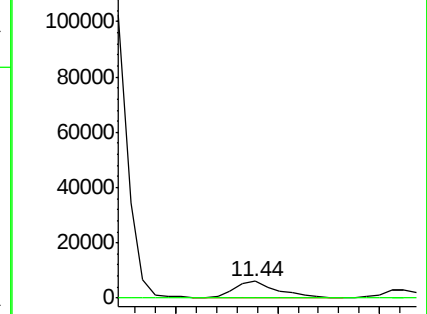
91 100

126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX002429.D (-1743) (-)

Ion 125.90 (125.60 to 126.60): VX002429.D (-1743) (-)



#83

tert-Butylbenzene

Concen: 2.10 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

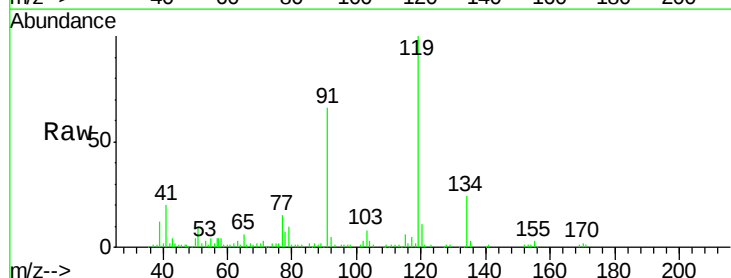
Tgt Ion: 119 Resp: 20669

Ion Ratio Lower Upper

119 100

91 66.8 30.3 90.9

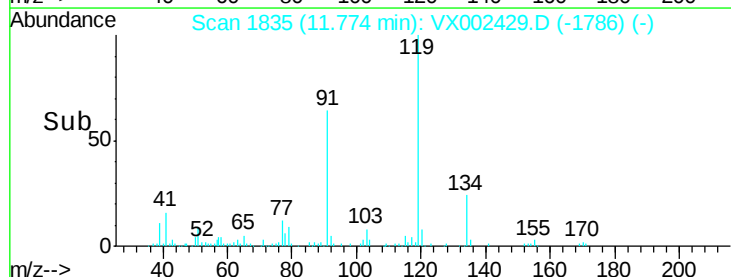
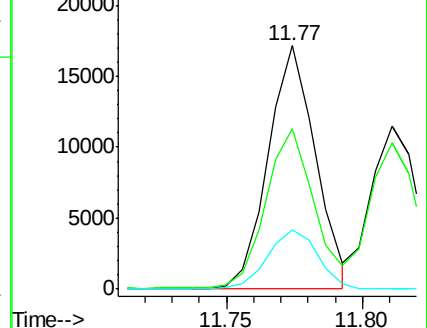
134 25.5 11.7 35.1

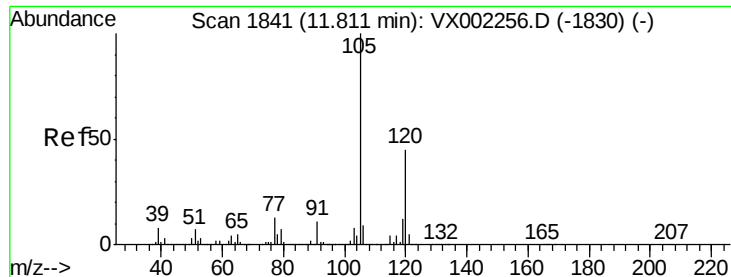


Abundance Ion 119.00 (118.70 to 119.70): VX002429.D (-1786) (-)

Ion 91.00 (90.70 to 91.70): VX002429.D (-1786) (-)

Ion 134.00 (133.70 to 134.70): VX002429.D (-1786) (-)





#84

1,2,4-Trimethylbenzene

Concen: 10.87 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

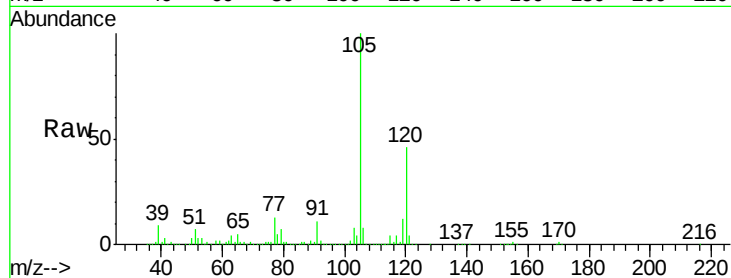
ClientSampleId :

Tot Ion:105 Resp: 112848

Ion Ratio Lower Upper

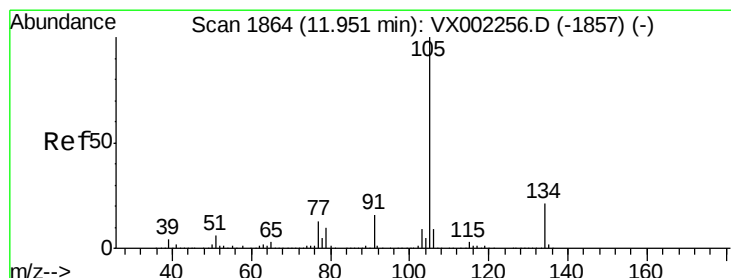
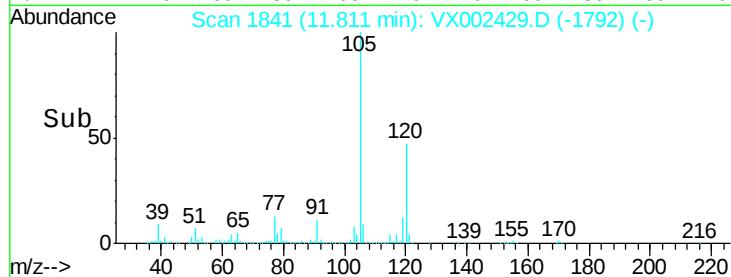
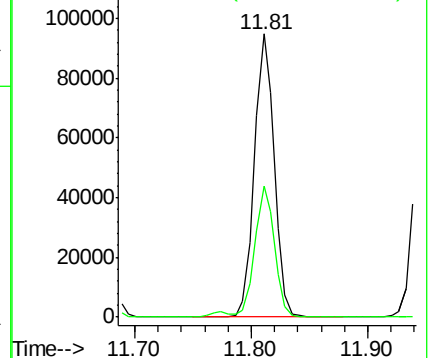
105 100

120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 10.51 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002429.D

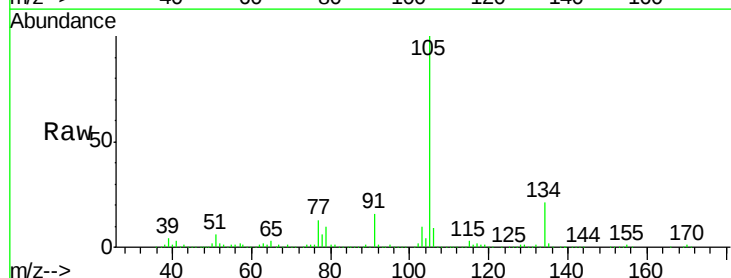
Acq: 09 Jun 2018 18:49

Tgt Ion:105 Resp: 121025

Ion Ratio Lower Upper

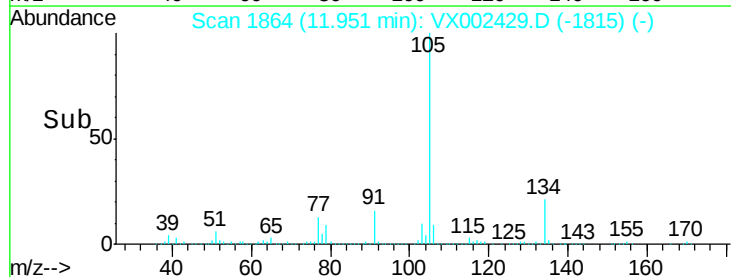
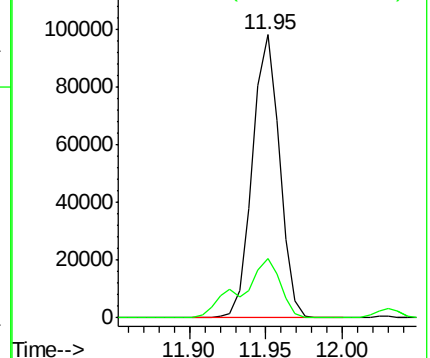
105 100

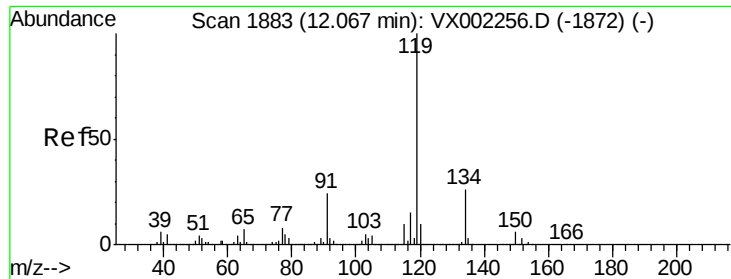
134 30.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

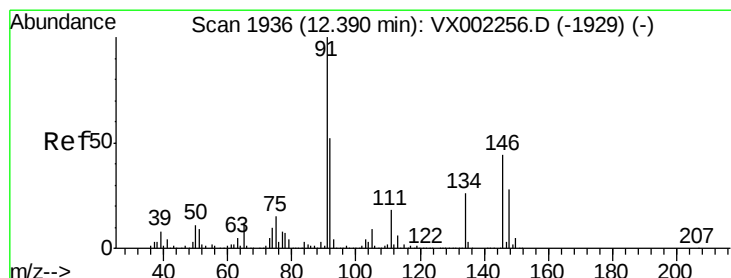
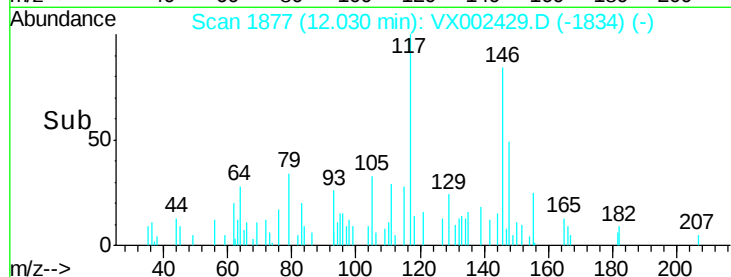
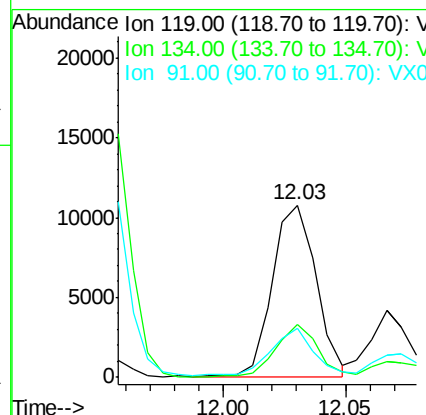
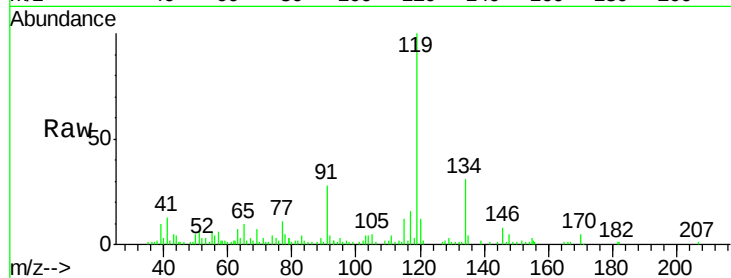




#86
p-Isopropyltoluene
Concen: 1.29 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

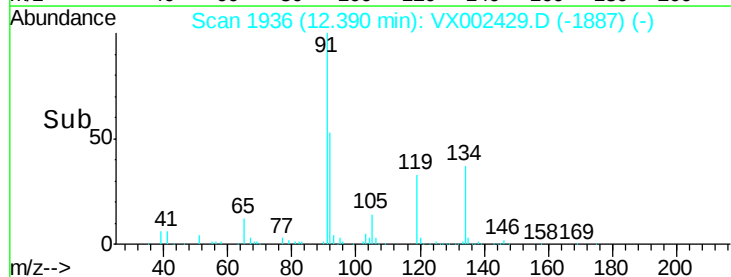
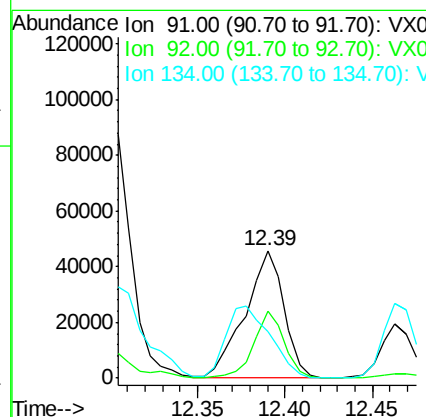
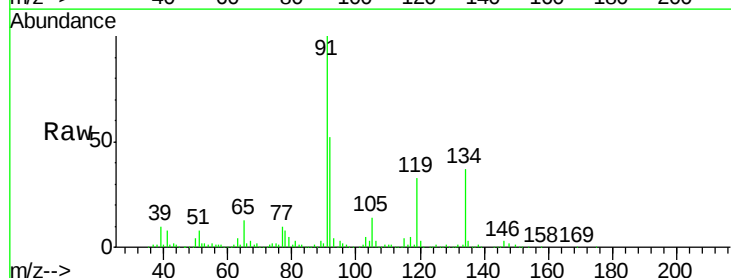
Instrument :
MSVOA_X
ClientSampleId :

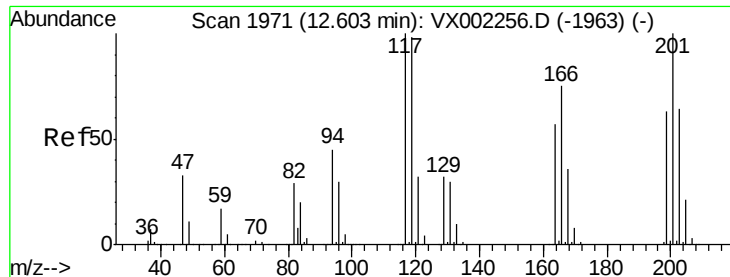
Tot Ion:119 Resp: 13506
Ion Ratio Lower Upper
119 100
134 30.0 13.4 40.1
91 25.7 11.9 35.7



#89
n-Butylbenzene
Concen: 7.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002429.D
Acq: 09 Jun 2018 18:49

Tgt Ion: 91 Resp: 70291
Ion Ratio Lower Upper
91 100
92 40.9 26.0 78.0
134 65.6 13.5 40.5#





#90

Hexachloroethane

Concen: 30.42 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

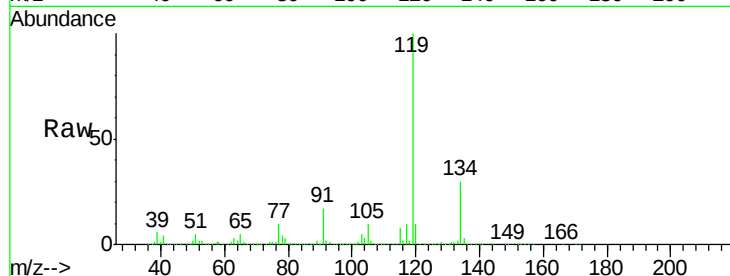
ClientSampleId :

Tot Ion:117 Resp: 50921

Ion Ratio Lower Upper

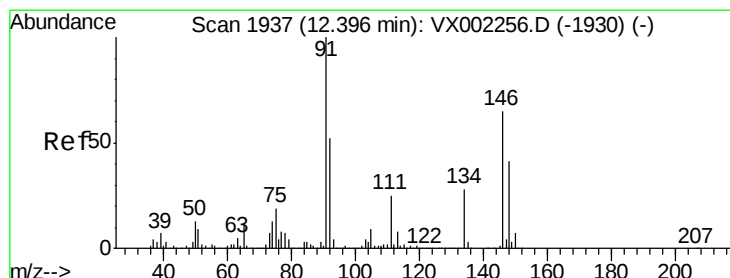
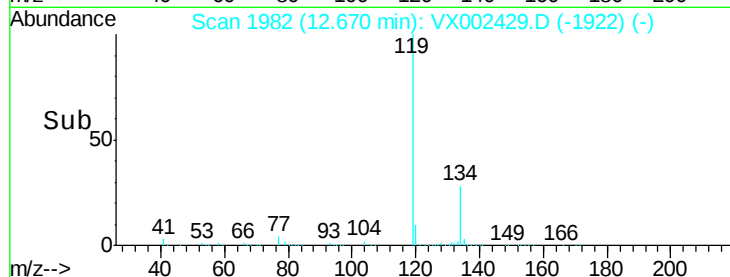
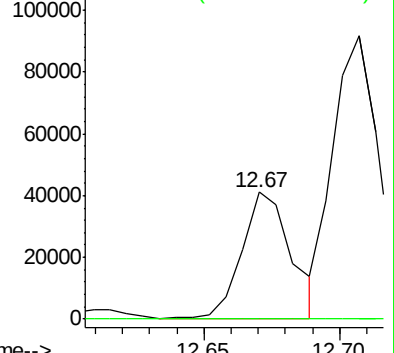
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.32 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

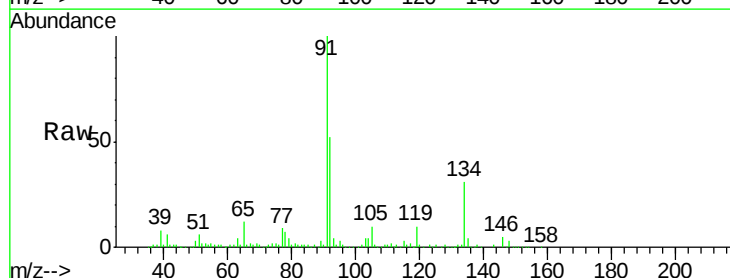
Tgt Ion:146 Resp: 1930

Ion Ratio Lower Upper

146 100

111 55.0 19.4 58.1

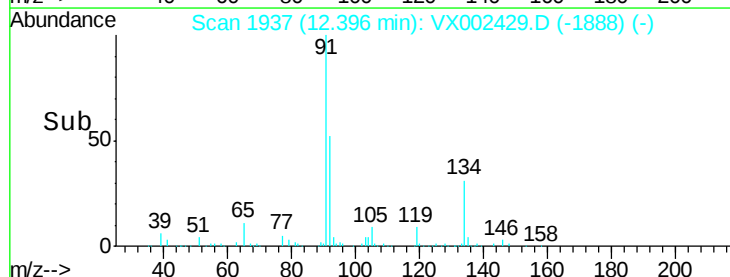
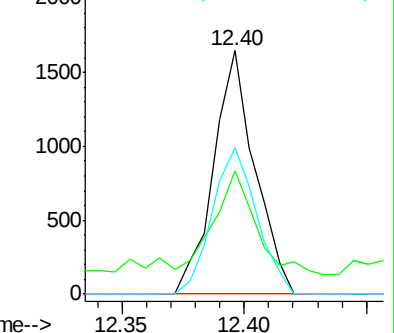
148 64.7 31.7 95.1

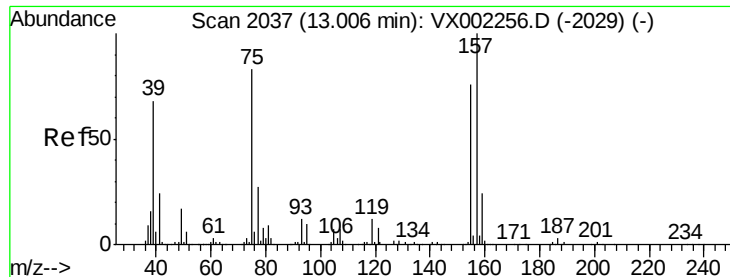


Abundance Ion 145.90 (145.60 to 146.60): V

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: 0.76 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

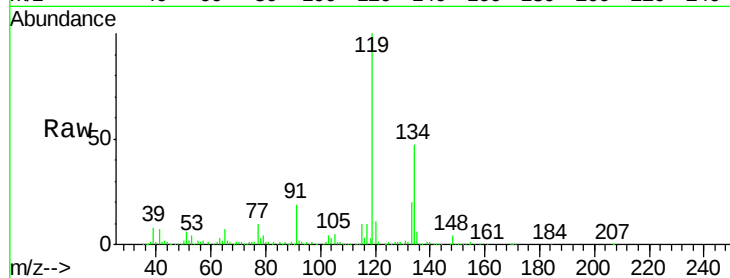
Tot Ion: 75 Resp: 618

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

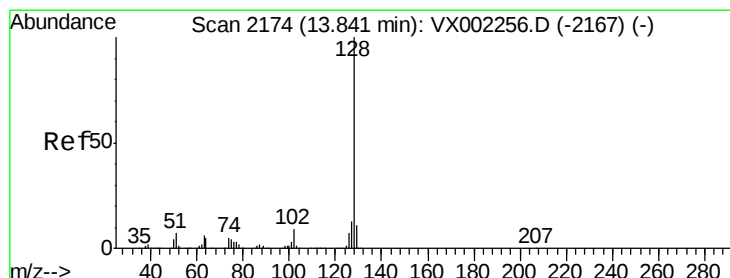
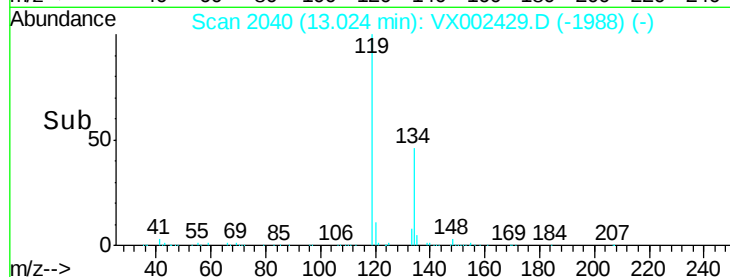
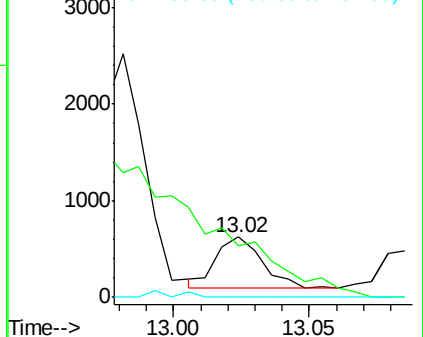
157 0.0 60.1 180.3#



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



#95

Naphthalene

Concen: 4.19 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002429.D

Acq: 09 Jun 2018 18:49

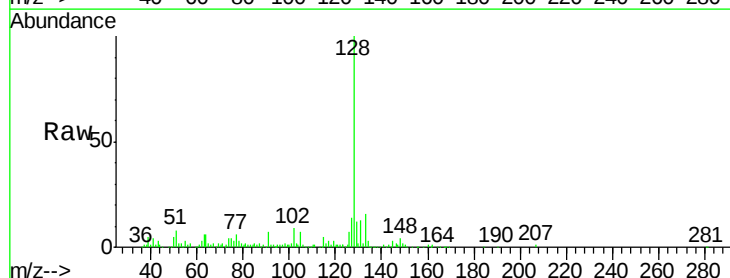
Tgt Ion: 128 Resp: 51506

Ion Ratio Lower Upper

128 100

127 17.1 10.4 15.6#

129 14.8 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

