

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009413.D
 Acq On : 08 May 2019 21:02
 Operator : JC/SP
 Sample : K2727-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWS-2

Quant Time: May 09 07:27:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119009	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	89750	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	372835	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	120753	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

Target Compounds

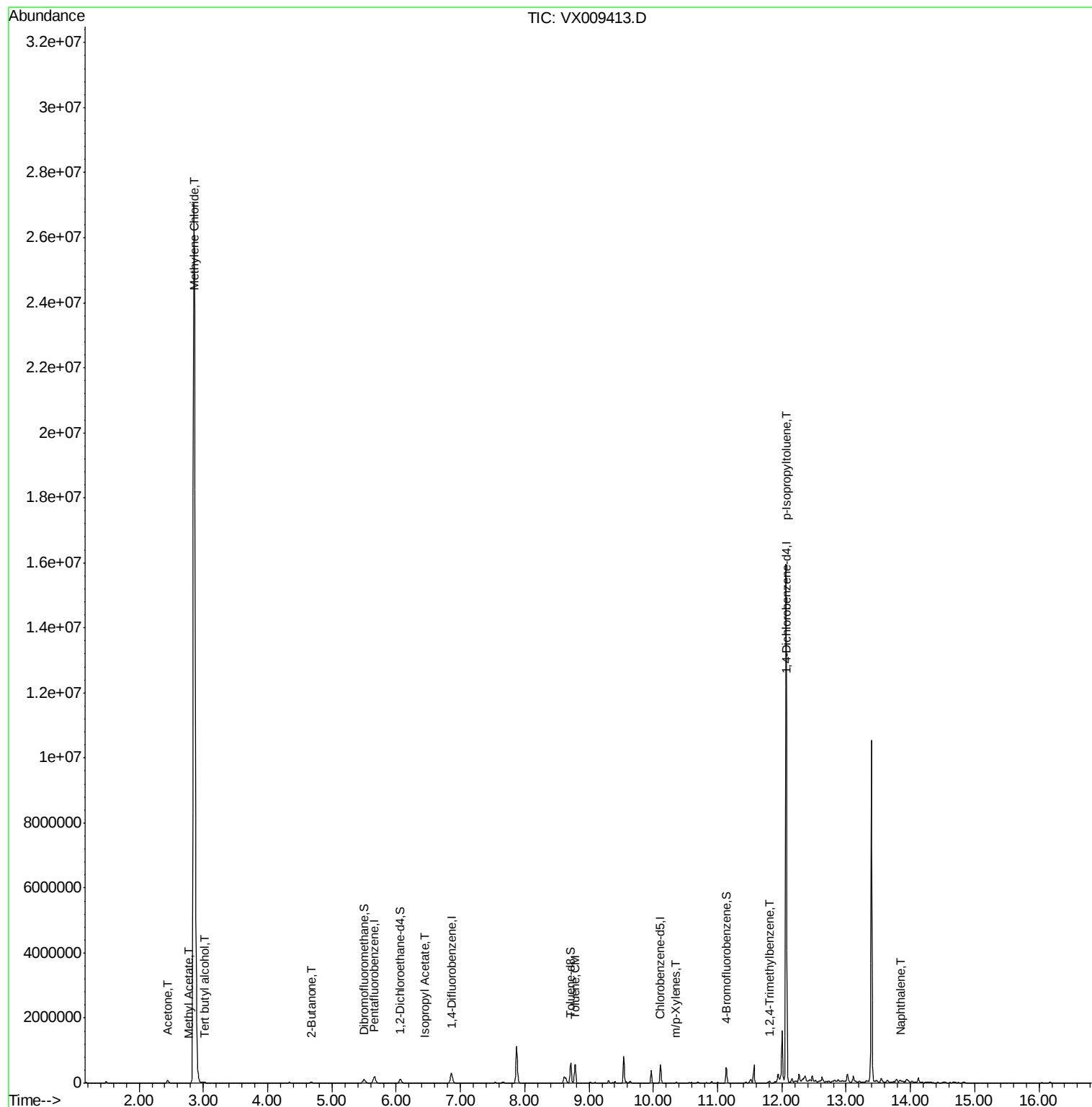
						Qvalue
11) Tert butyl alcohol	3.03	59	4733	8.118	ug/l #	88
16) Acetone	2.44	43	105270	77.840	ug/l	99
18) Methyl Acetate	2.78	43	4824	1.500	ug/l	93
20) Methylene Chloride	2.85	84	13845898	6323.155	ug/l	88
25) 2-Butanone	4.68	43	33881	16.122	ug/l	99
43) Isopropyl Acetate	6.45	43	12435	2.060	ug/l	100
52) Toluene	8.79	92	213499	41.902	ug/l	99
68) m/p-Xylenes	10.35	106	5001	1.461	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	9480	1.398	ug/l #	32
86) p-Isopropyltoluene	12.07	119	6529313	931.957	ug/l	97
95) Naphthalene	13.83	128	11391	1.416	ug/l	97

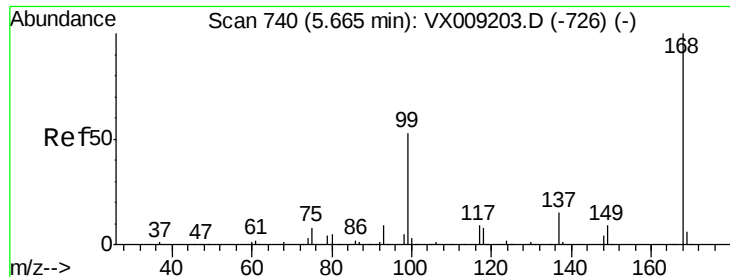
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050819\
Data File : VX009413.D
Acq On : 08 May 2019 21:02
Operator : JC/SP
Sample : K2727-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWS-2

Quant Time: May 09 07:27:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

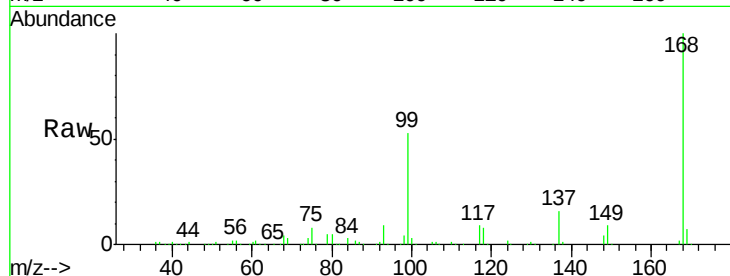
OWS-2

Tot Ion:168 Resp: 184497

Ion Ratio Lower Upper

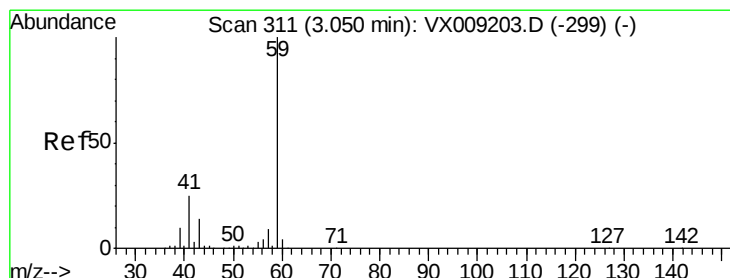
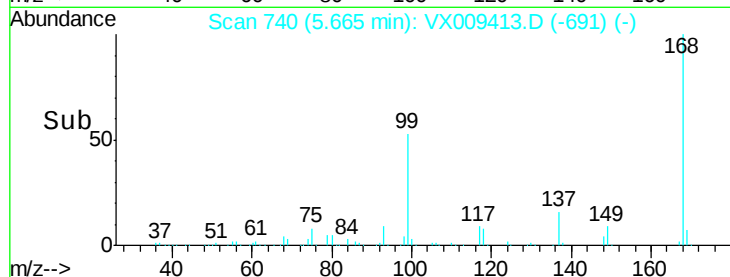
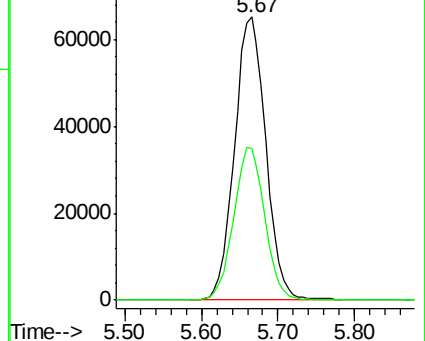
168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.118 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX009413.D

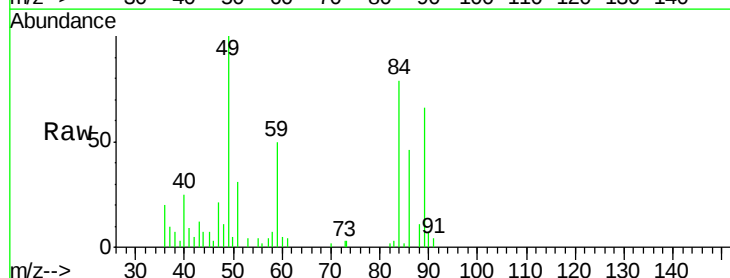
Acq: 08 May 2019 21:02

Tgt Ion: 59 Resp: 4733

Ion Ratio Lower Upper

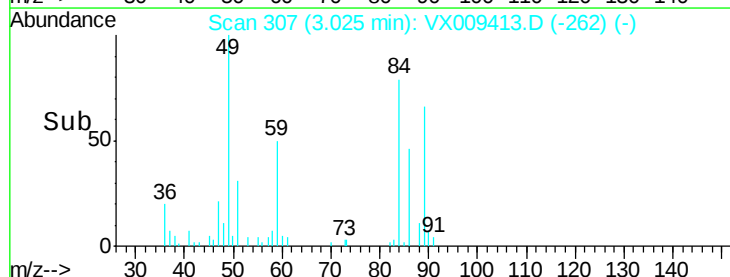
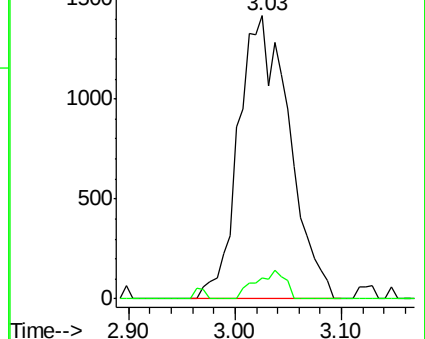
59 100

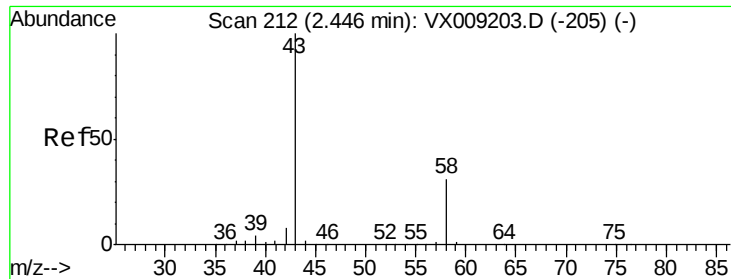
57 5.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 77.840 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

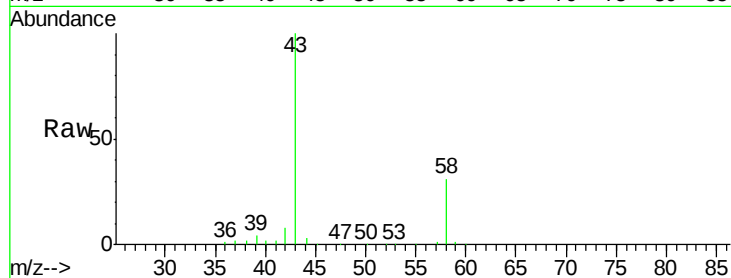
OVS-2

Tot Ion: 43 Resp: 105270

Ion Ratio Lower Upper

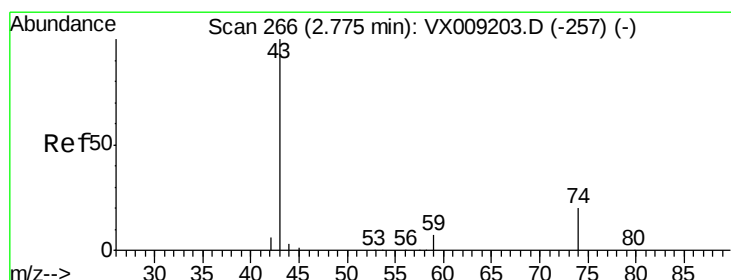
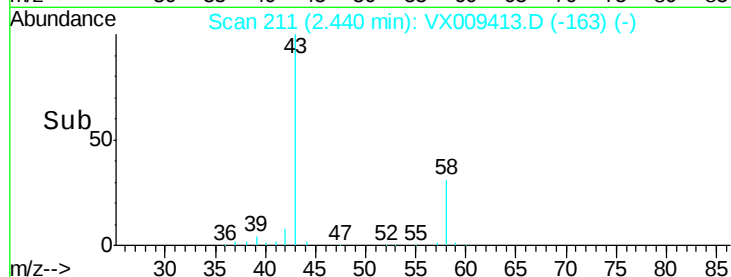
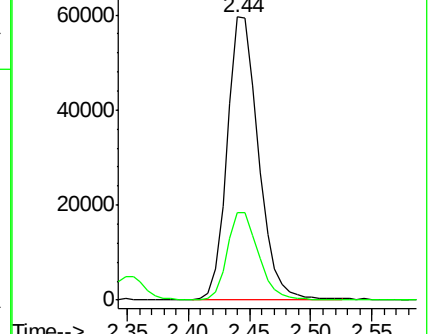
43 100

58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.500 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009413.D

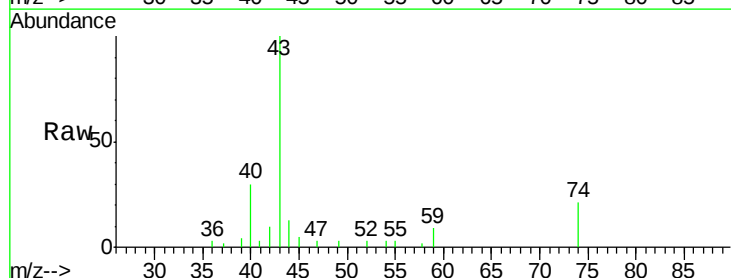
Acq: 08 May 2019 21:02

Tgt Ion: 43 Resp: 4824

Ion Ratio Lower Upper

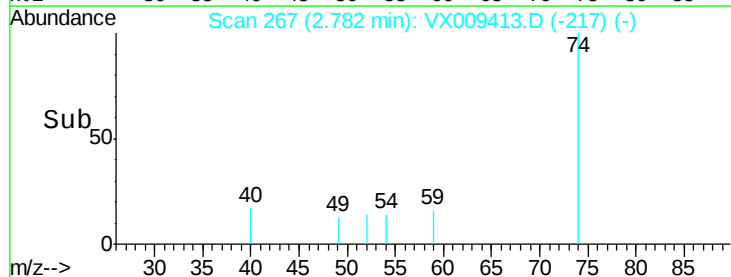
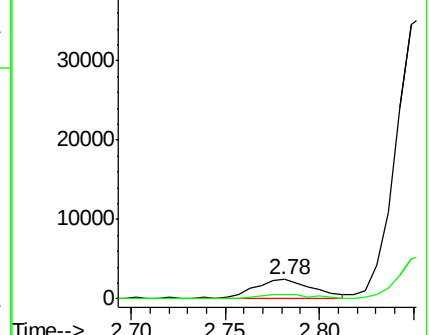
43 100

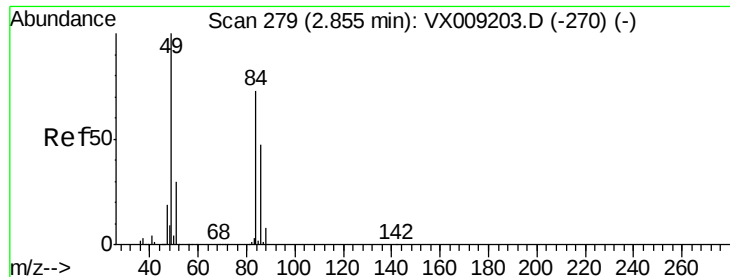
74 23.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



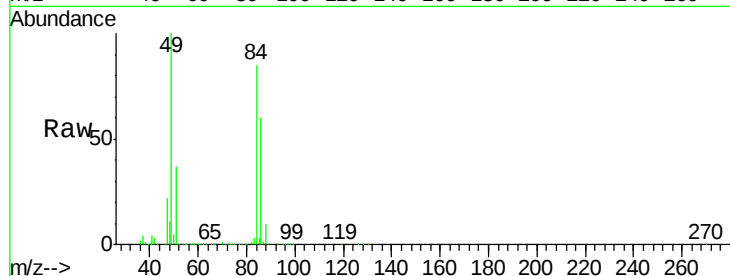


#20
Methvlene Chloride
Concen: 6323.155 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

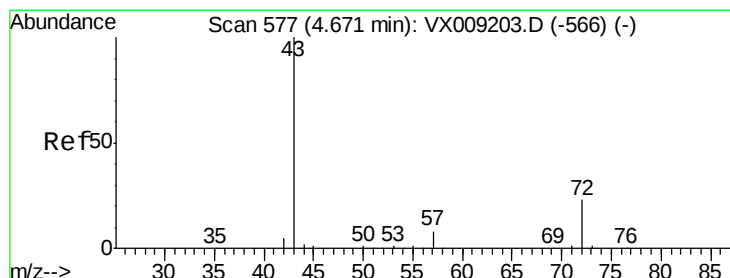
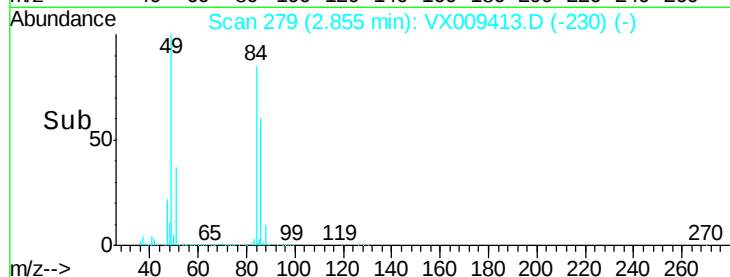
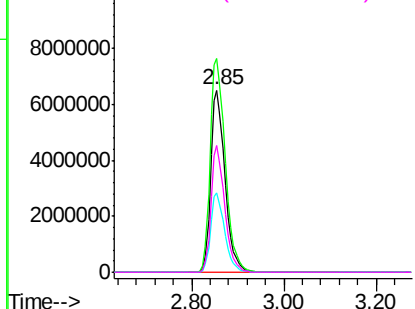
Instrument :
MSVOA_X
ClientSampleId :
OWS-2

Tot Ion: 84 Resp:13845898

Ion	Ratio	Lower	Upper
84	100		
49	117.1	109.9	164.9
51	43.7	32.7	49.1
86	69.7	52.0	78.0



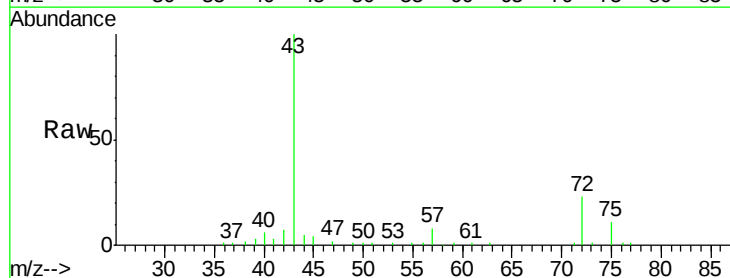
Abundance Ion 83.90 (83.60 to 84.60): VX0
1.2e+07
Ion 48.90 (48.60 to 49.60): VX0
1e+07
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



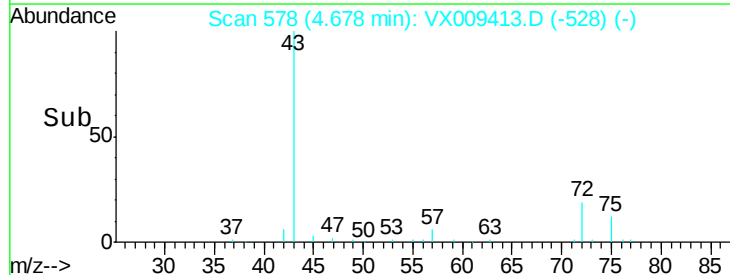
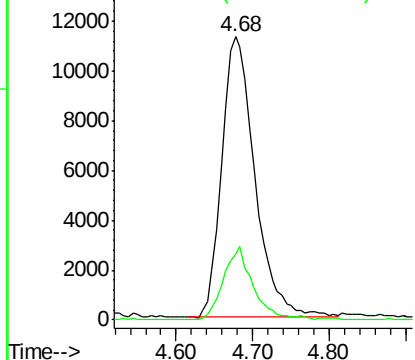
#25
2-Butanone
Concen: 16.122 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

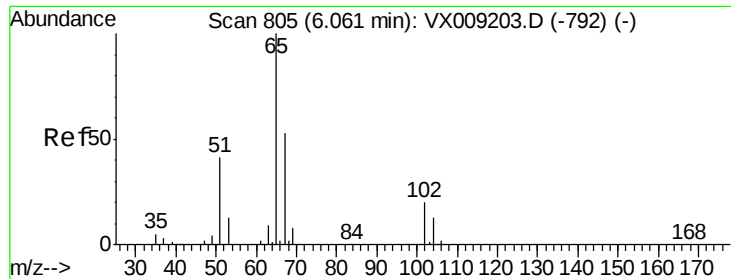
Tgt Ion: 43 Resp: 33881

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.2	27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
12000
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.252 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

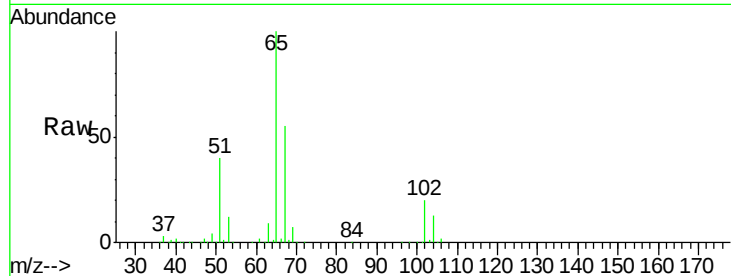
OWS-2

Tot Ion: 65 Resp: 119009

Ion Ratio Lower Upper

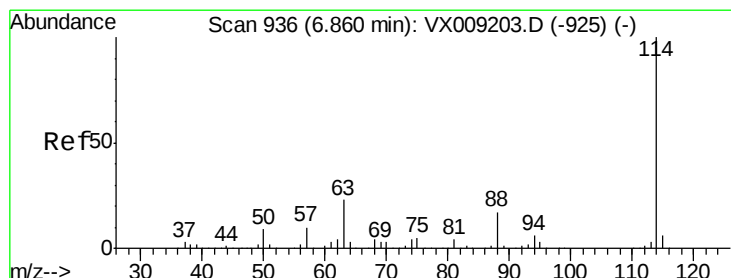
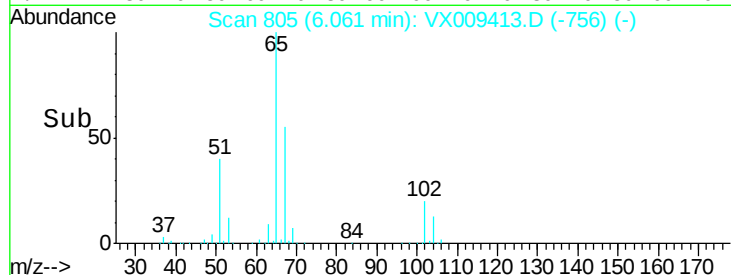
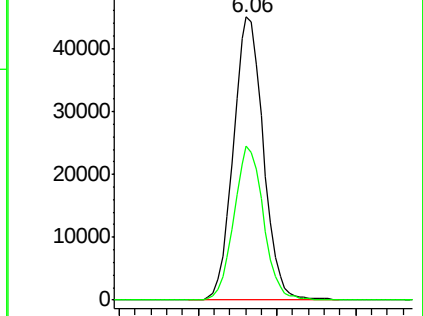
65 100

67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

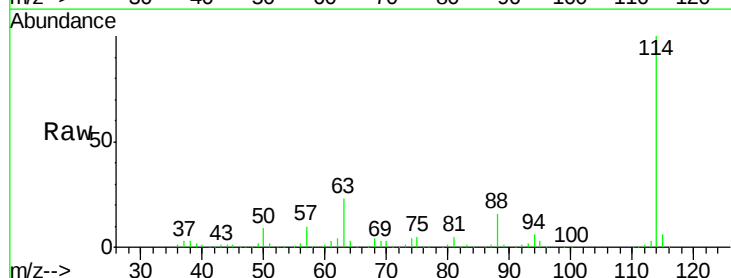
Tgt Ion:114 Resp: 291441

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

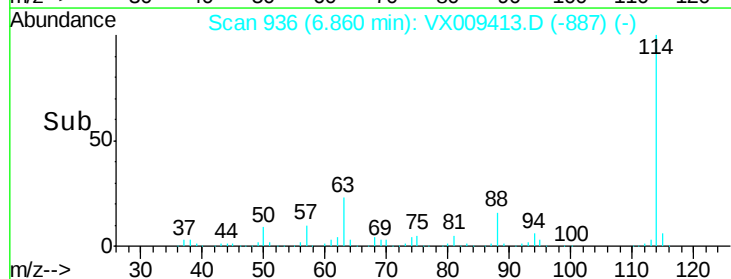
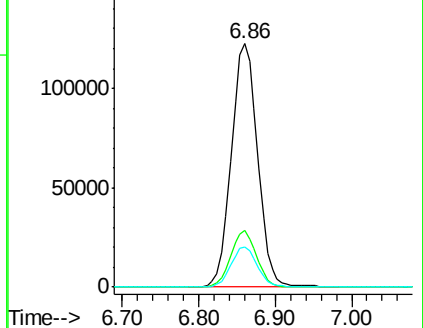
88 16.4 0.0 33.2

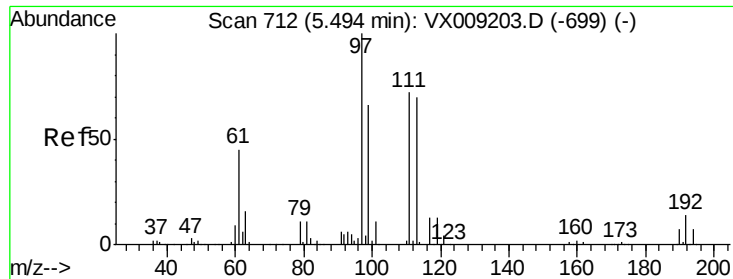


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

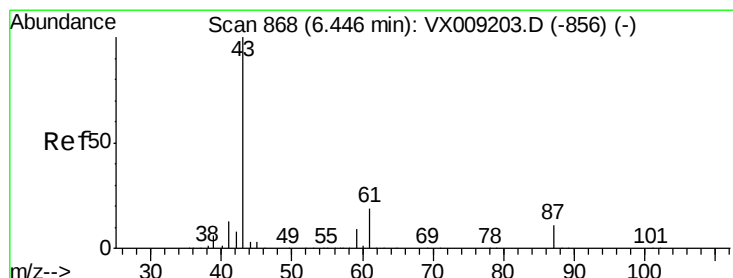
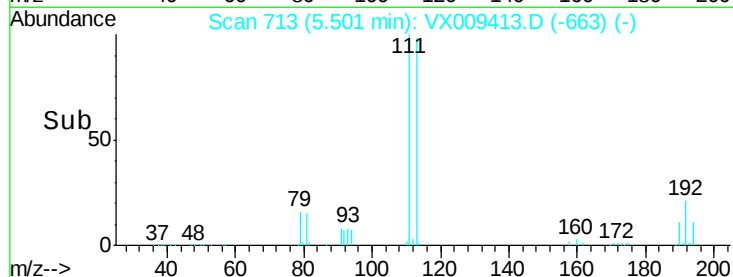
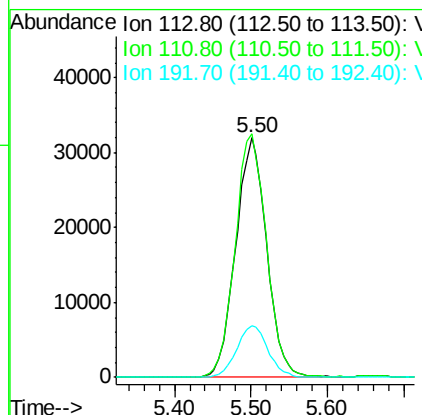
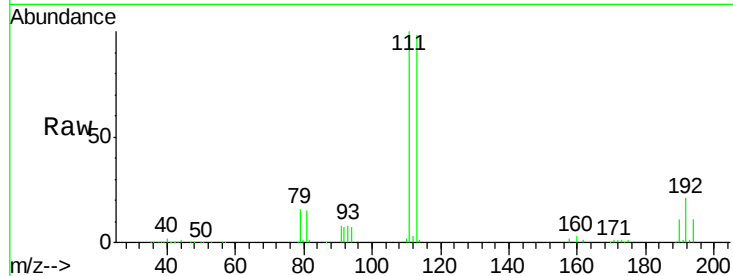




#35
 Dibromofluoromethane
 Concen: 48.987 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

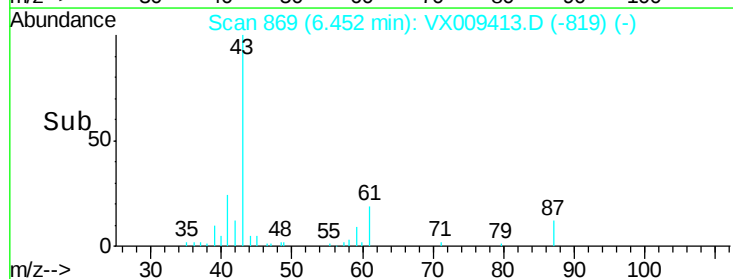
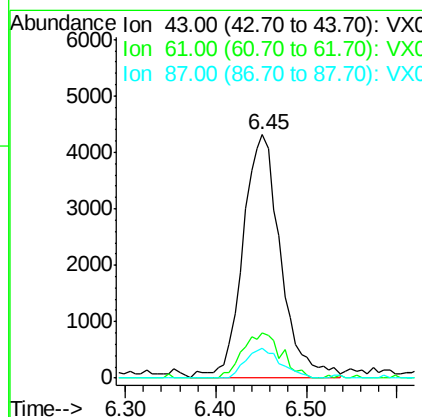
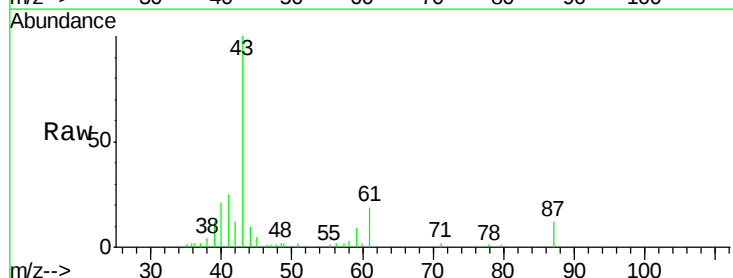
Instrument :
 MSVOA_X
 ClientSampleId :
 OWS-2

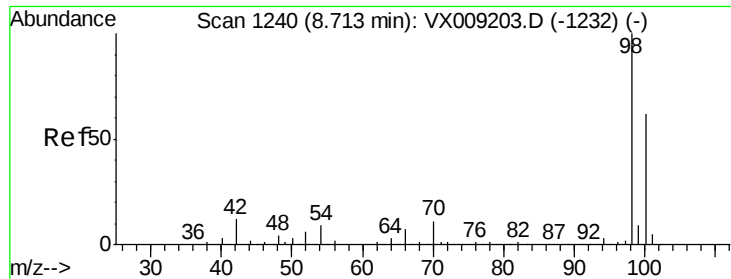
Tot Ion:113 Resp: 89750
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.8 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 2.060 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

Tgt Ion: 43 Resp: 12435
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.1 22.7
 87 11.3 9.0 13.6

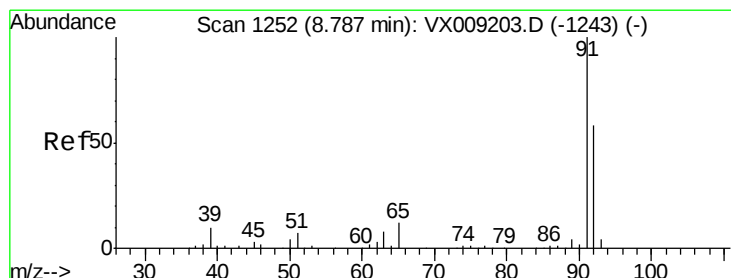
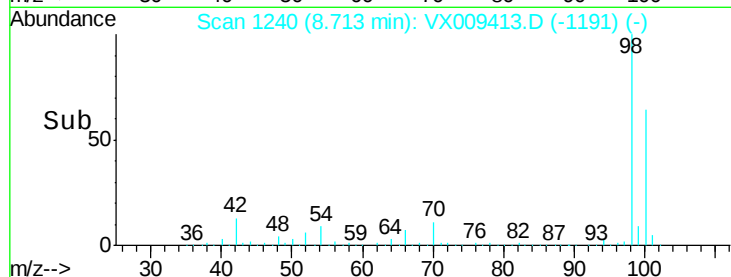
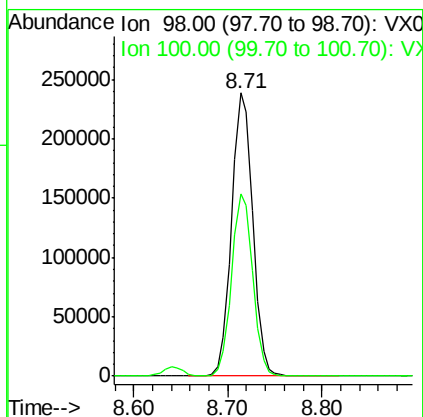
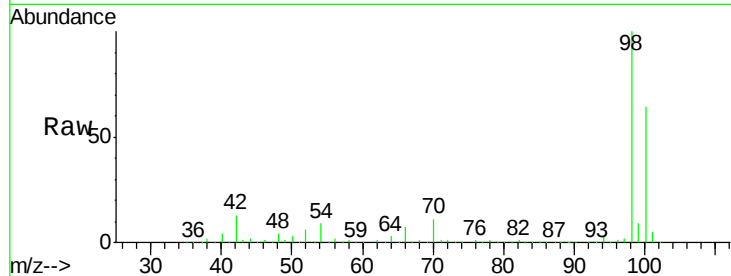




#50
Toluene-d8
Concen: 50.406 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

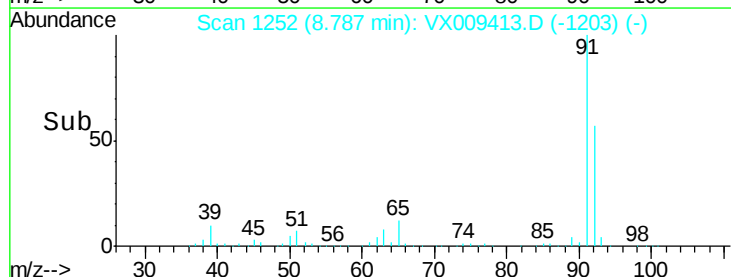
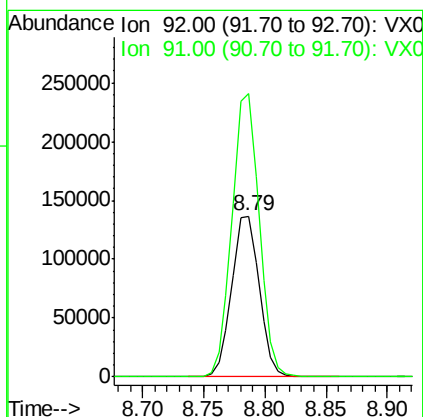
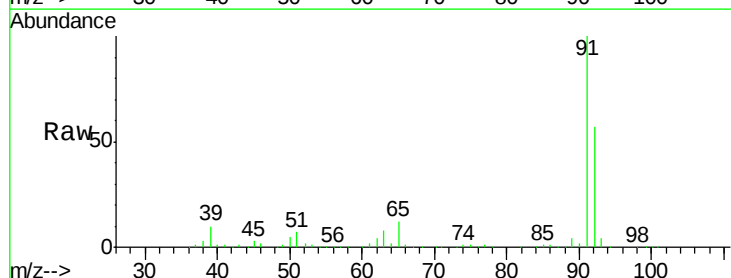
Instrument :
MSVOA_X
ClientSampled :
OWS-2

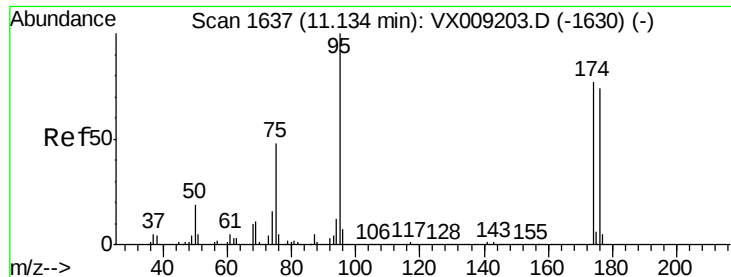
Tot Ion: 98 Resp: 372835
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#52
Toluene
Concen: 41.902 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 92 Resp: 213499
Ion Ratio Lower Upper
92 100
91 174.4 138.8 208.2

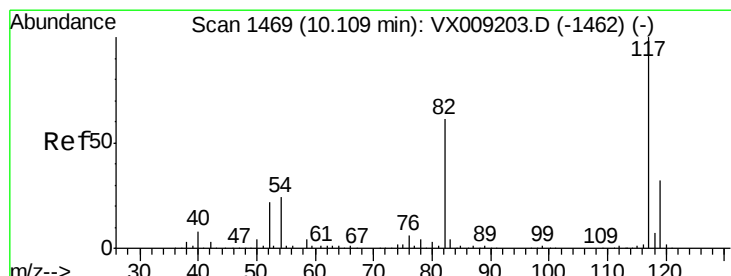
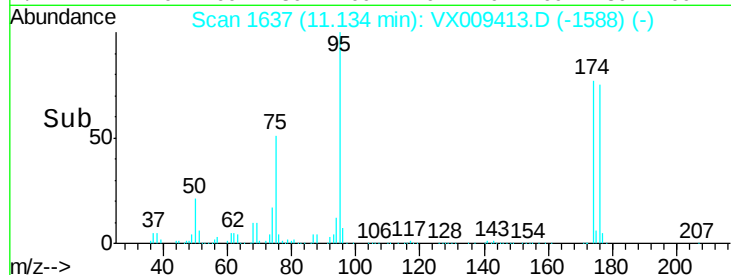
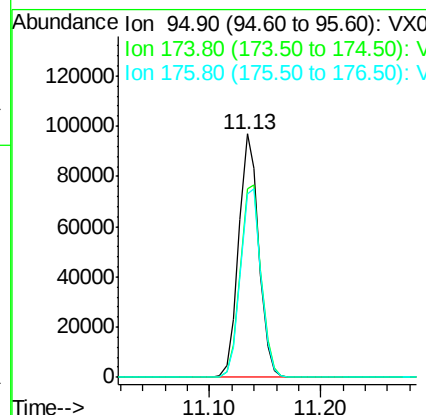
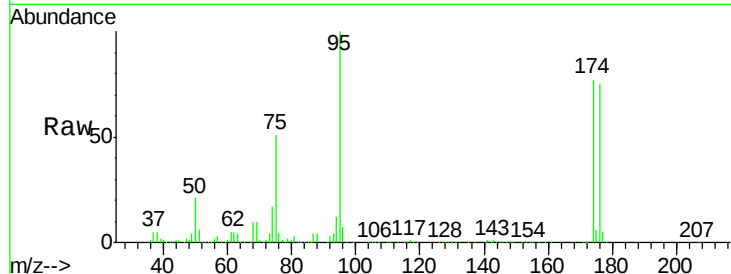




#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

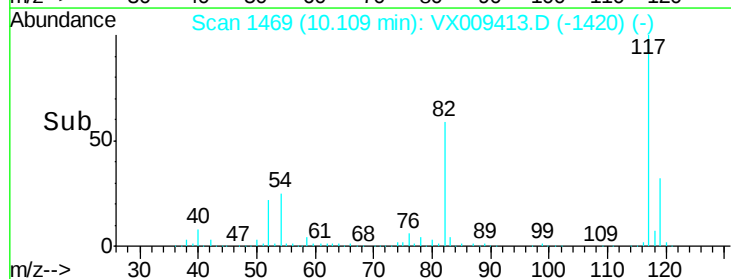
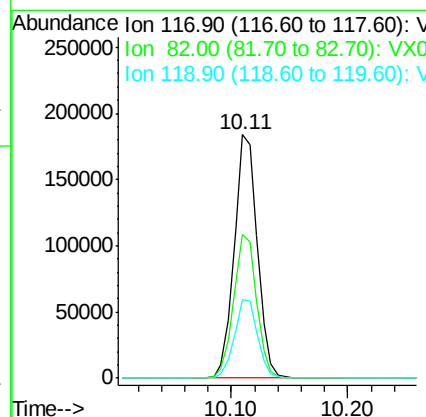
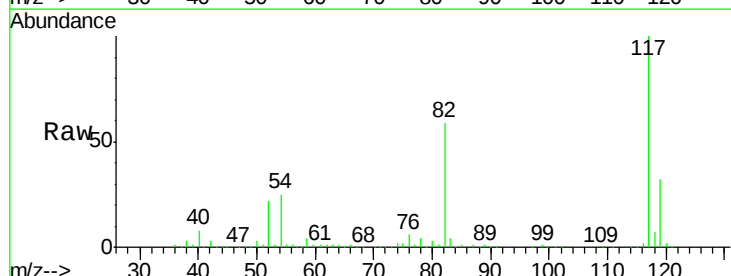
Instrument :
MSVOA_X
ClientSampled :
OWS-2

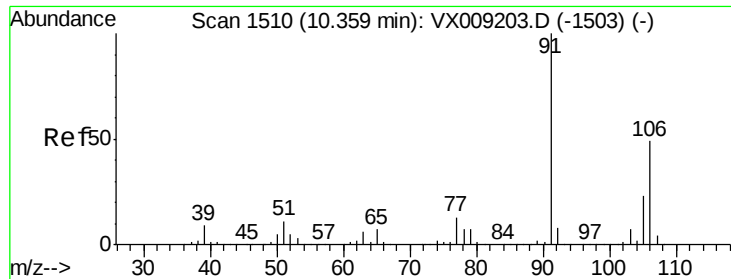
Tot Ion: 95 Resp: 120753
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.8 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 117 Resp: 254439
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 32.0 25.8 38.6

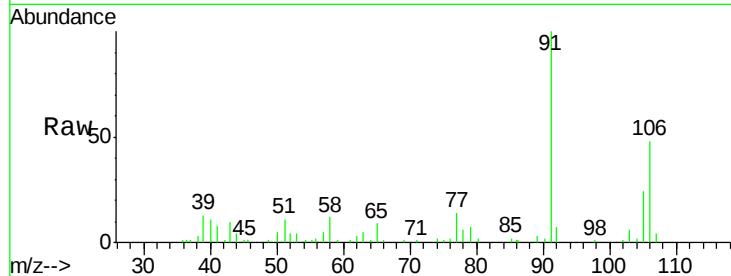




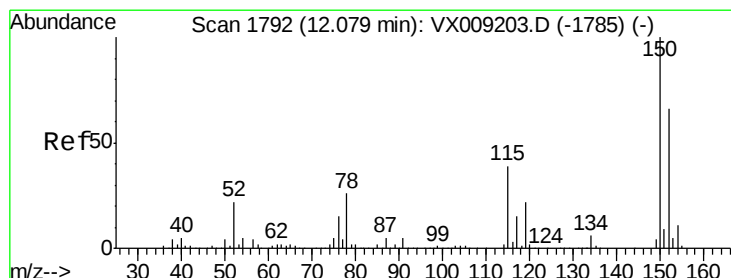
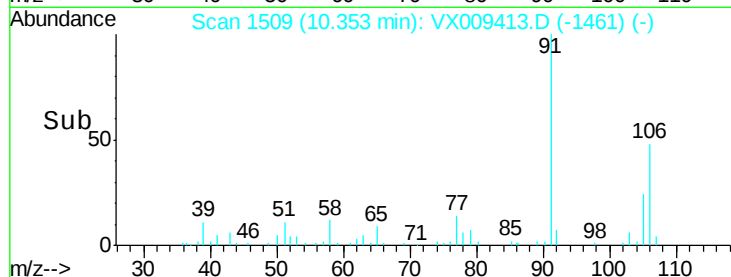
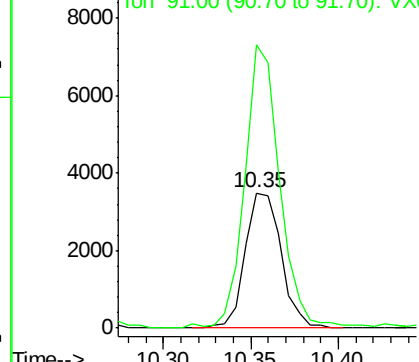
#68
m/p-Xvlenes
Concen: 1.461 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Instrument :
MSVOA_X
ClientSampled :
OWS-2

Tot Ion:106 Resp: 5001
Ion Ratio Lower Upper
106 100
91 203.9 164.0 246.0

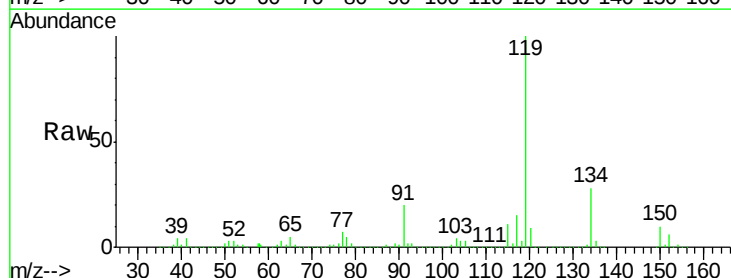


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

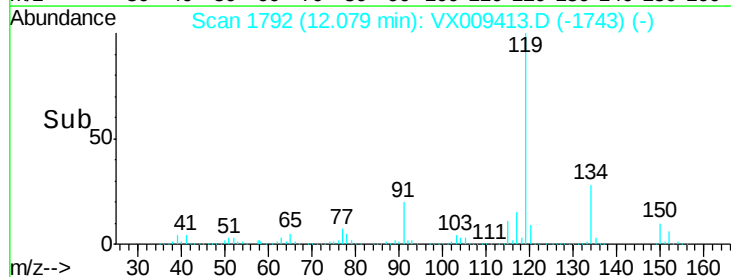
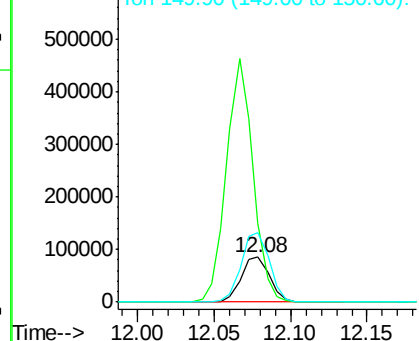


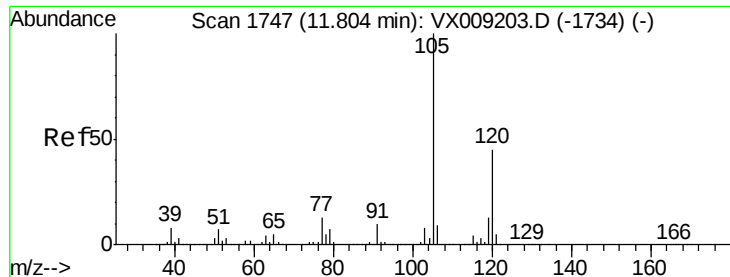
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion:152 Resp: 110358
Ion Ratio Lower Upper
152 100
115 508.0 41.2 123.6#
150 155.0 0.0 346.4



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

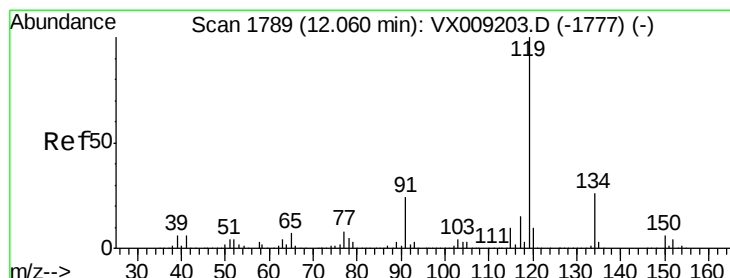
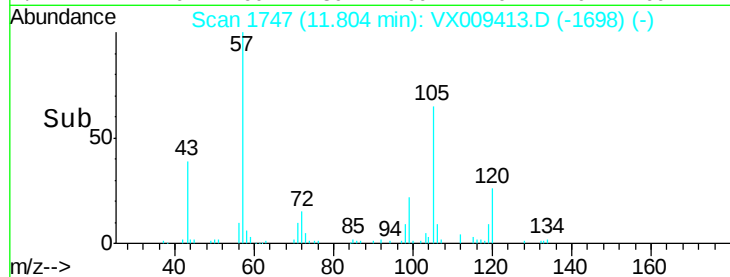
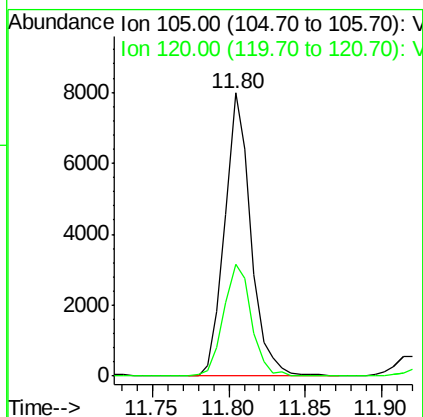
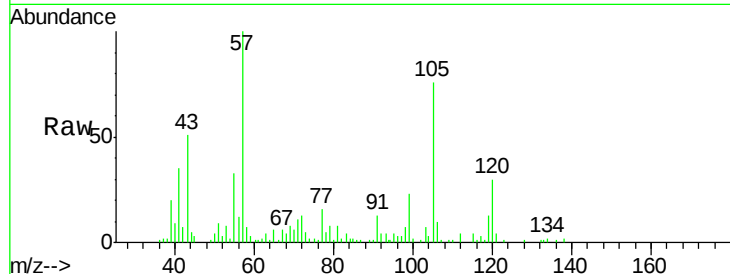




#84
 1,2,4-Trimethylbenzene
 Concen: 1.398 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

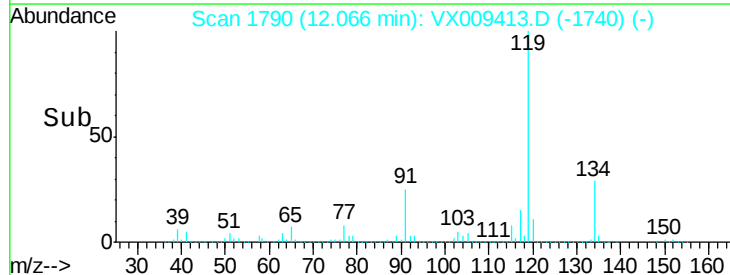
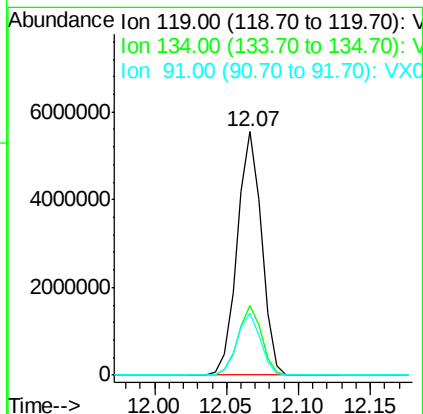
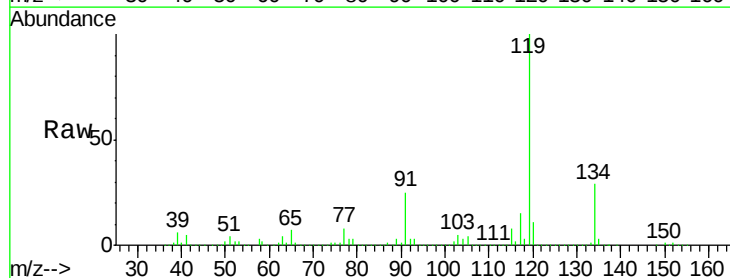
Instrument :
 MSVOA_X
 ClientSampled :
 OWS-2

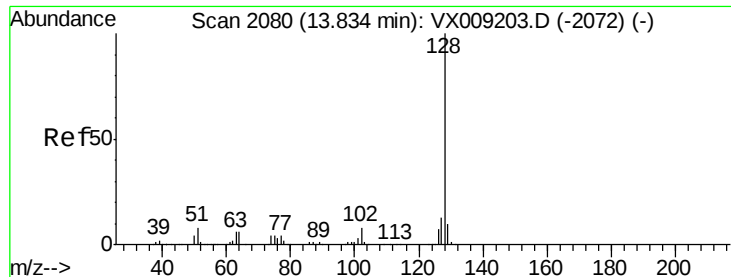
Tot Ion:105 Resp: 9480
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.0 66.0#



#86
 p-Isopropyltoluene
 Concen: 931.957 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

Tgt Ion:119 Resp: 6529313
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.9 38.7
 91 24.6 11.8 35.4





#95

Naphthalene

Concen: 1.416 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

OWS-2

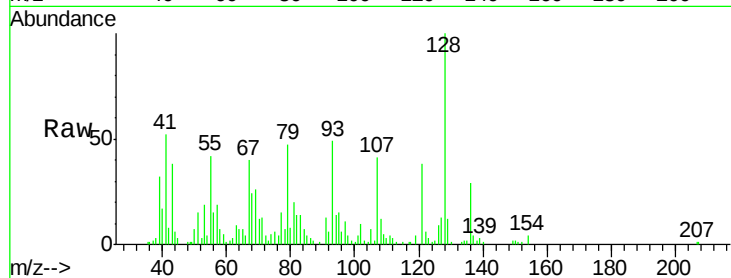
Tot Ion:128 Resp: 11391

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.6 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

