

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013925.D
 Acq On : 11 Dec 2019 03:04
 Operator : JC/SP
 Sample : K6237-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-191209

Quant Time: Dec 11 05:31:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	586895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	902611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	806855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	331738	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	5.49	113	272972	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	1063270	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	361460	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	

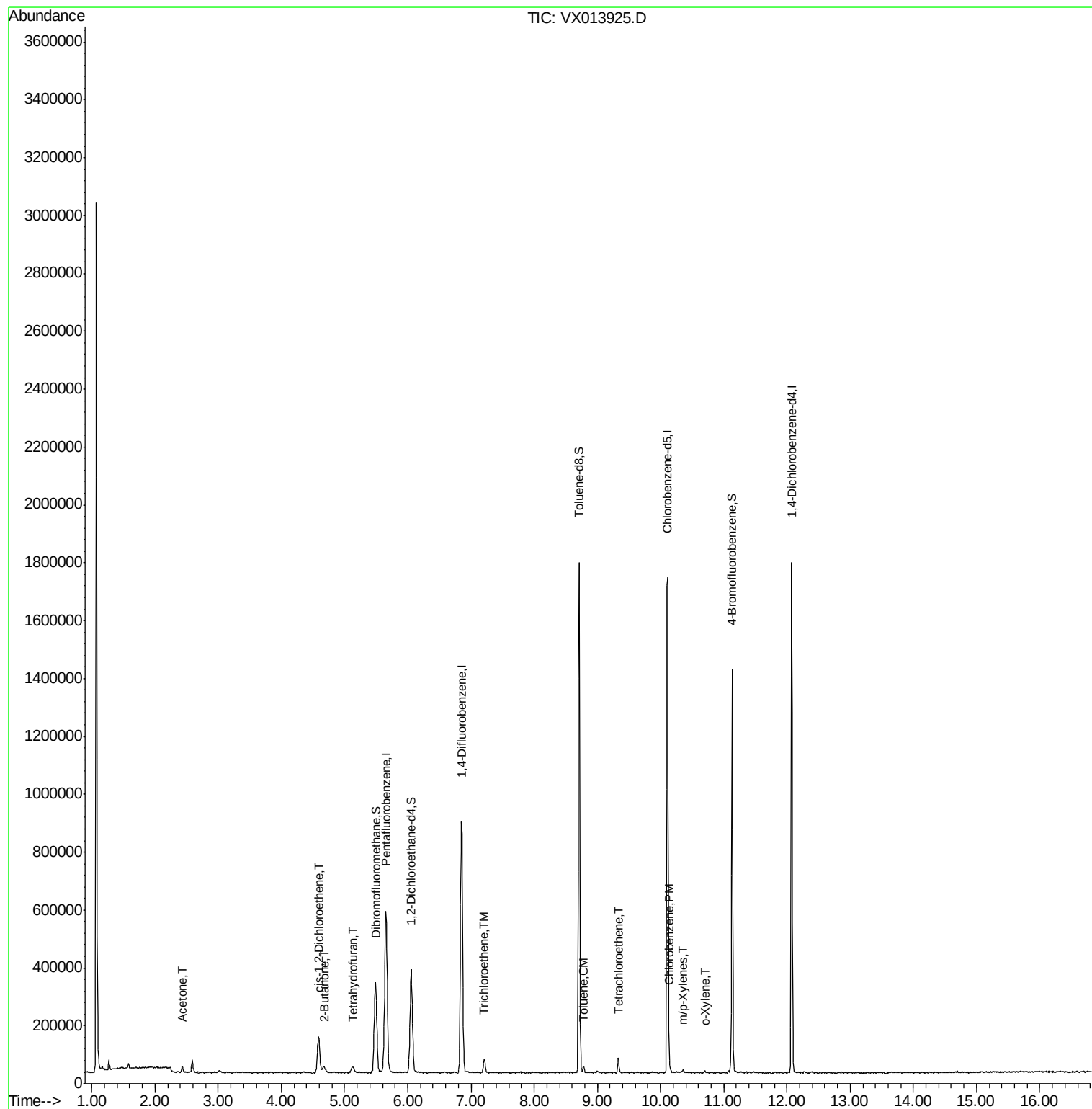
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	24872	7.395	ug/l	90
25) 2-Butanone	4.67	43	26917	5.385	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	79482	11.375	ug/l	90
29) Tetrahydrofuran	5.12	42	20933	6.793	ug/l	98
44) Trichloroethene	7.21	130	21362	3.119	ug/l	90
52) Toluene	8.78	92	9776	0.631	ug/l	97
64) Tetrachloroethene	9.33	164	11443	1.902	ug/l	92
65) Chlorobenzene	10.14	112	22329	1.333	ug/l	92
68) m/p-Xylenes	10.35	106	4065	0.369	ug/l	78
69) o-Xylene	10.70	106	2287	0.213	ug/l	89

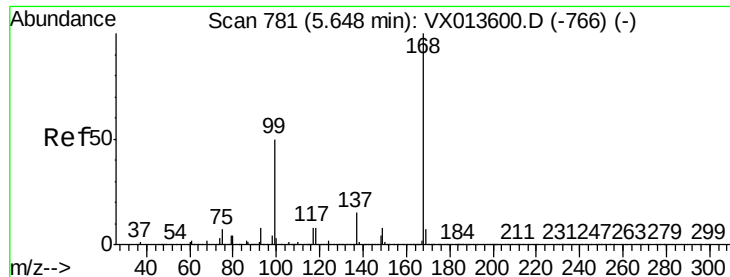
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

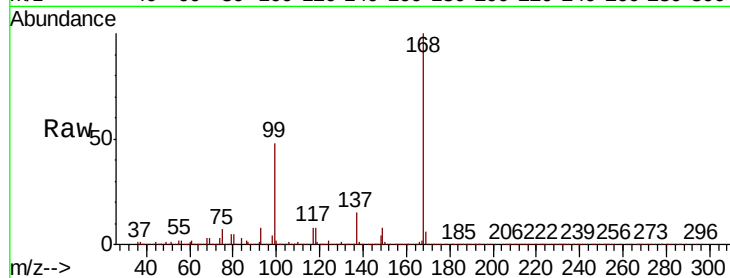
KY038PS027-191209

Tot Ion:168 Resp: 586895

Ion Ratio Lower Upper

168 100

99 47.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

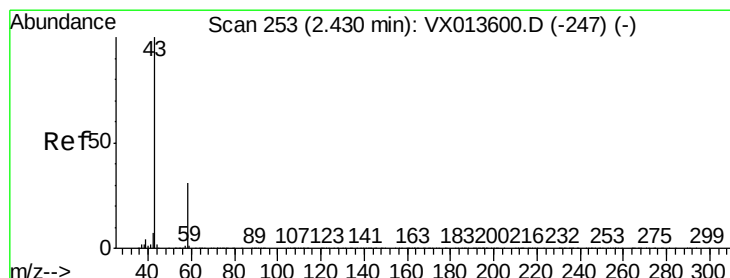
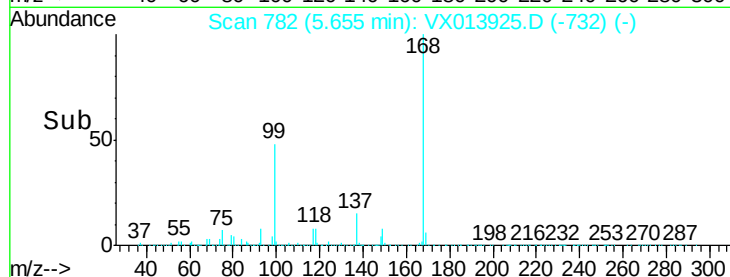
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.395 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013925.D

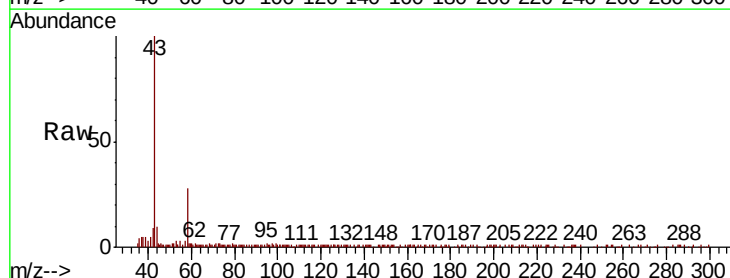
Acq: 11 Dec 2019 03:04

Tgt Ion: 43 Resp: 24872

Ion Ratio Lower Upper

43 100

58 25.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

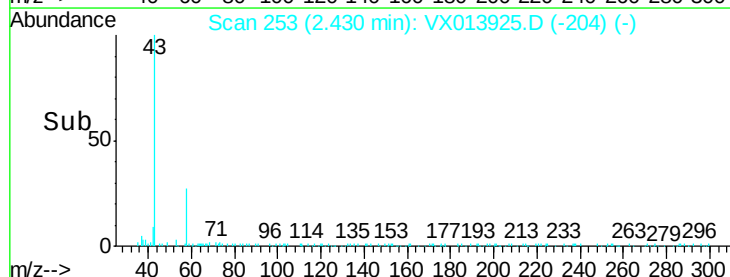
15000

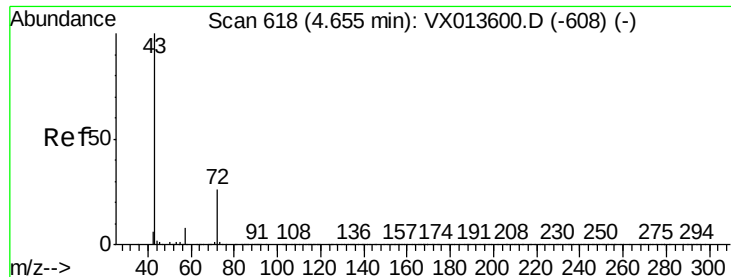
10000

5000

0

Time-->





#25

2-Butanone

Concen: 5.385 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

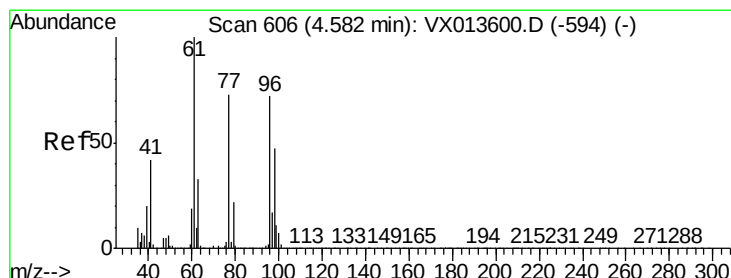
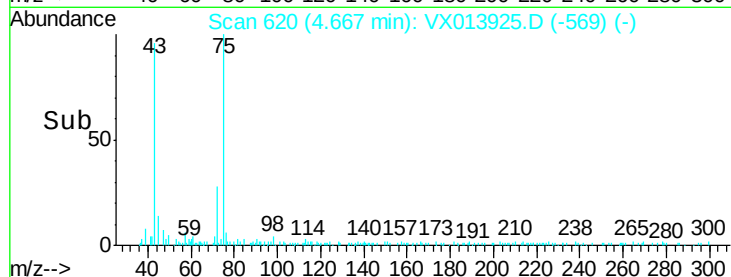
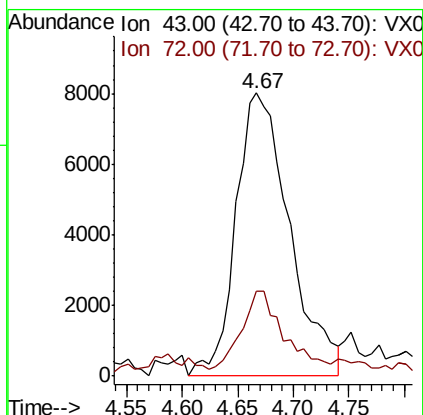
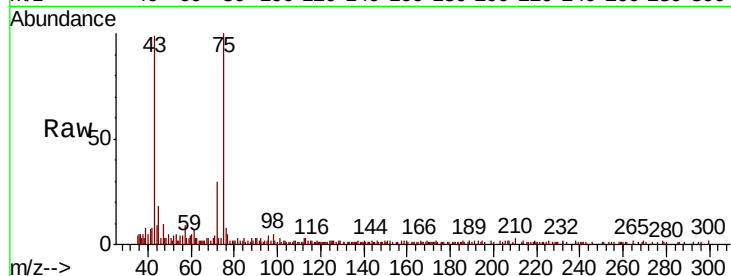
KY038PS027-191209

Tot Ion: 43 Resp: 26917

Ion Ratio Lower Upper

43 100

72 24.0 20.6 31.0



#27

cis-1,2-Dichloroethene

Concen: 11.375 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

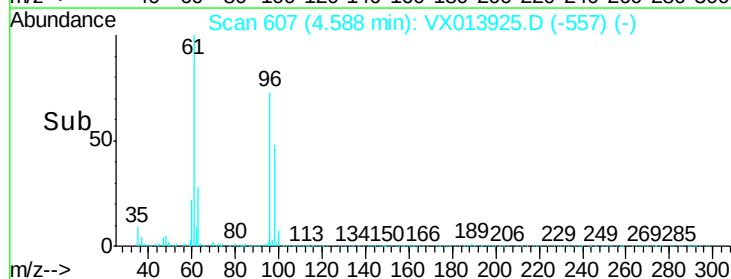
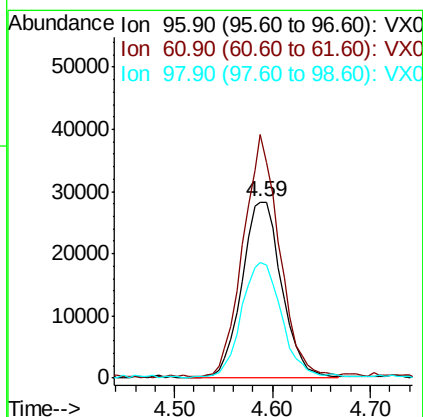
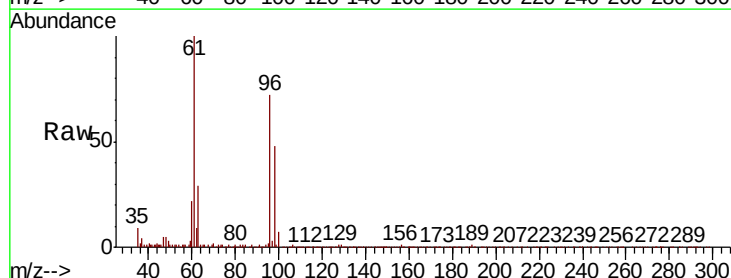
Tgt Ion: 96 Resp: 79482

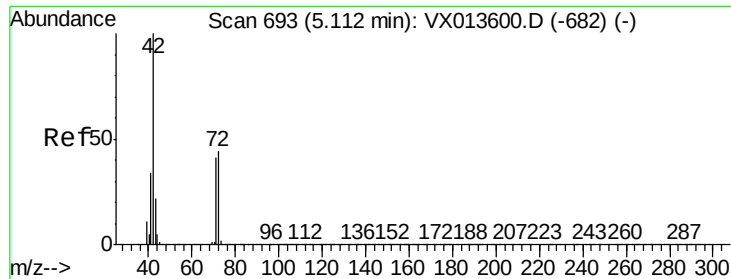
Ion Ratio Lower Upper

96 100

61 127.2 0.0 286.4

98 65.8 0.0 127.4





#29

Tetrahydrofuran

Concen: 6.793 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-191209

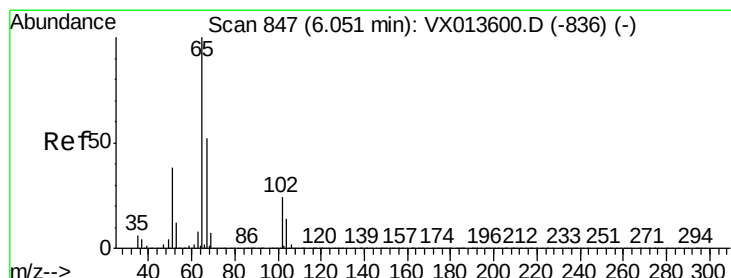
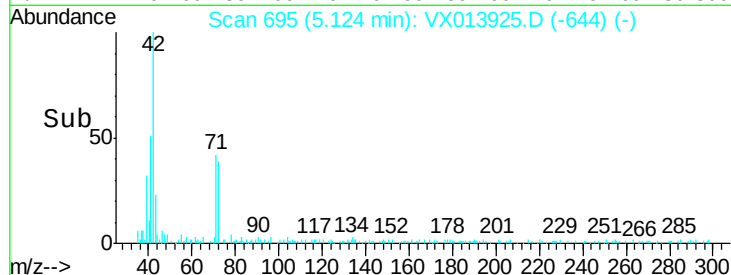
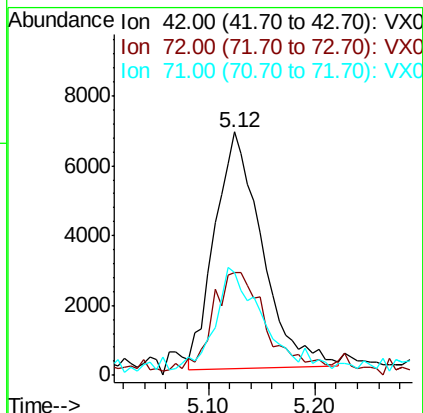
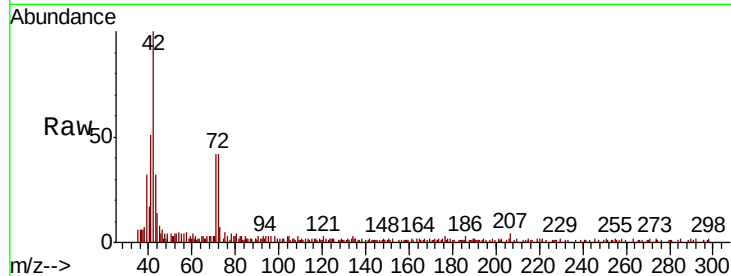
Tot Ion: 42 Resp: 20933

Ion Ratio Lower Upper

42 100

72 46.5 36.3 54.5

71 39.5 33.2 49.8



#33

1,2-Dichloroethane-d4

Concen: 48.695 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013925.D

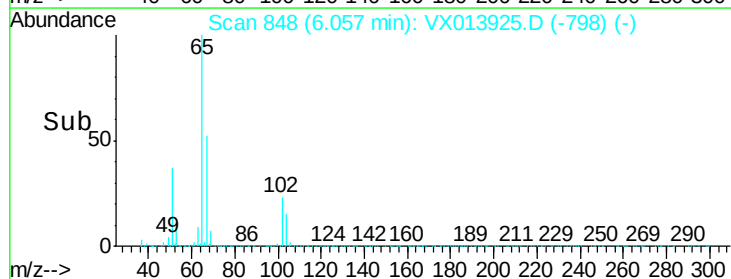
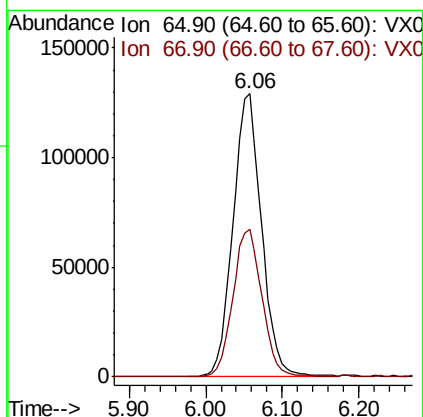
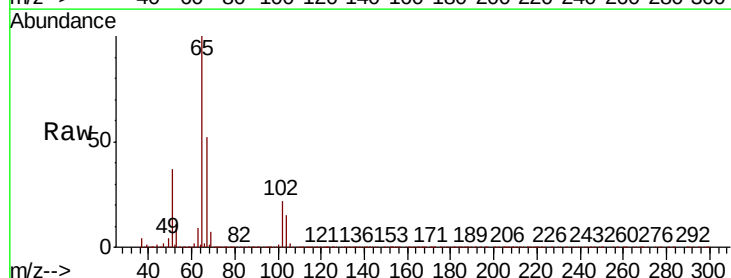
Acq: 11 Dec 2019 03:04

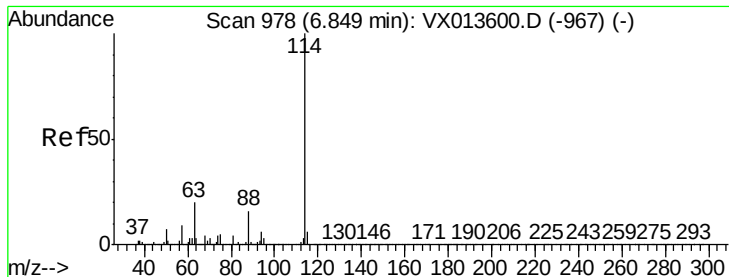
Tgt Ion: 65 Resp: 331738

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4

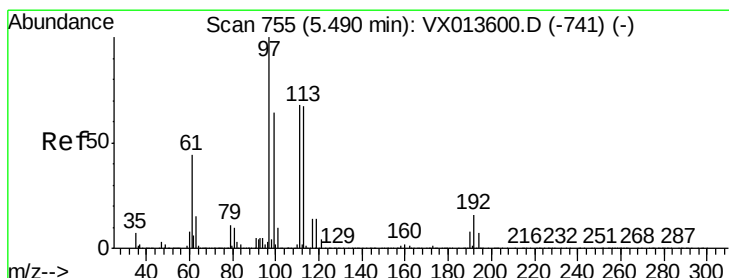
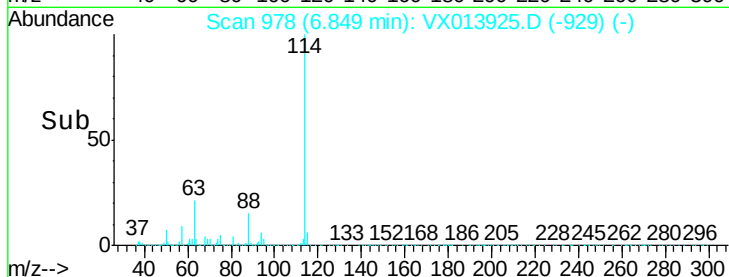
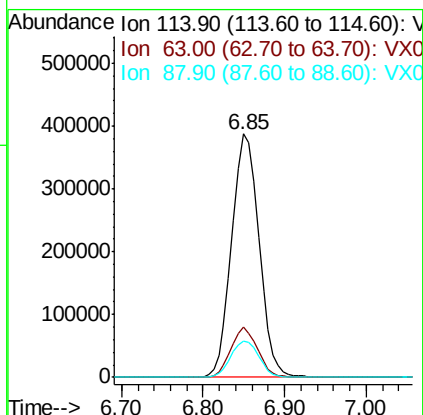
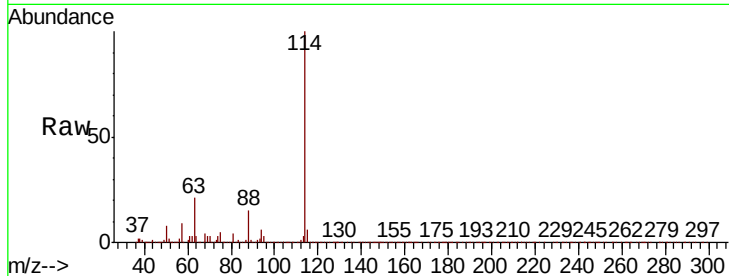




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013925.D
 Acq: 11 Dec 2019 03:04

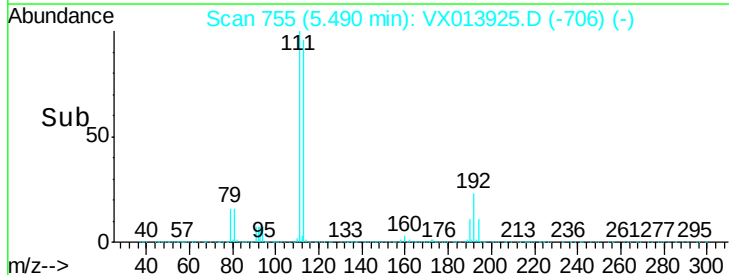
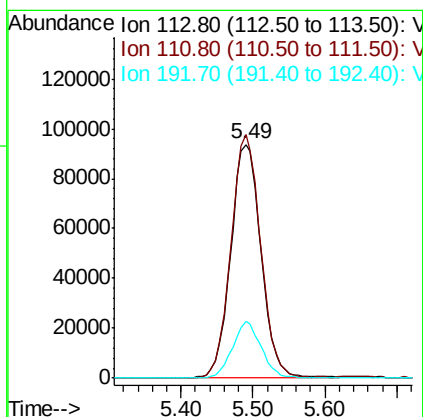
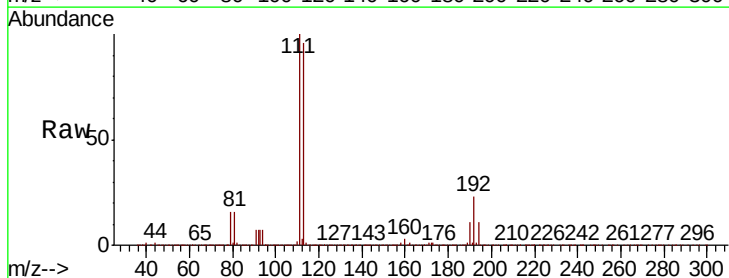
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-191209

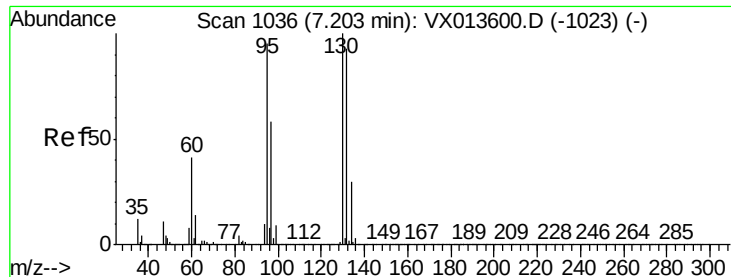
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	14.6	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.919 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013925.D
 Acq: 11 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.6	125.4
192	23.3	19.2	28.8





#44

Trichloroethene

Concen: 3.119 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

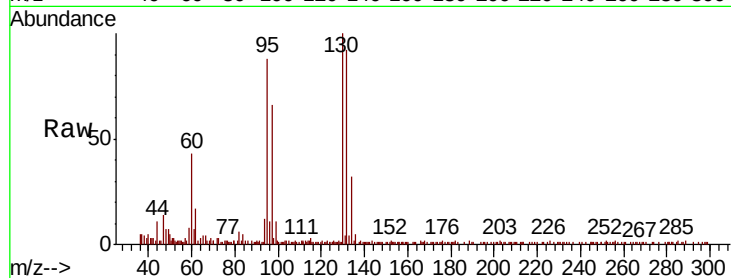
KY038PS027-191209

Tot Ion:130 Resp: 21362

Ion Ratio Lower Upper

130 100

95 86.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

10000

8000

6000

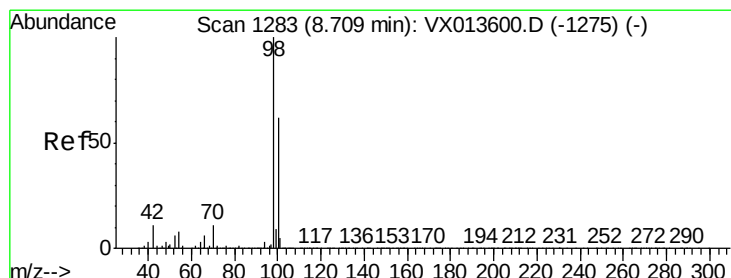
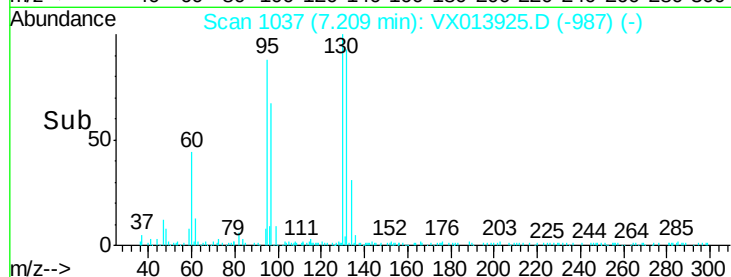
4000

2000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 48.907 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013925.D

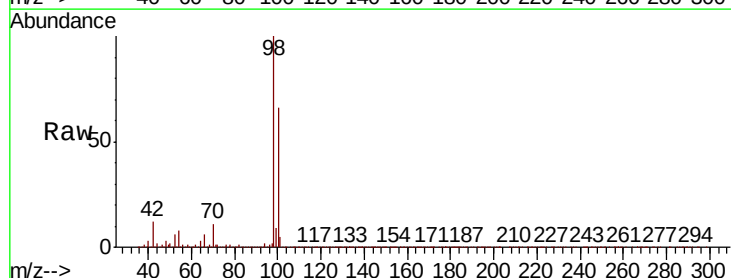
Acq: 11 Dec 2019 03:04

Tgt Ion: 98 Resp: 1063270

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

600000

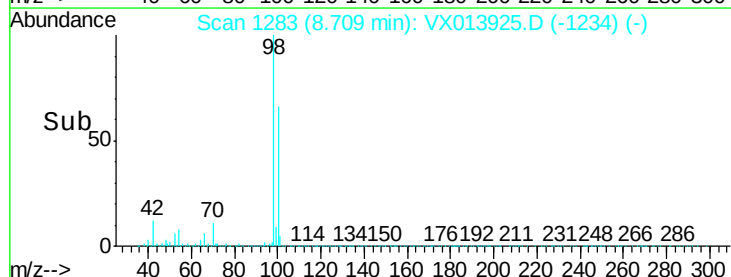
400000

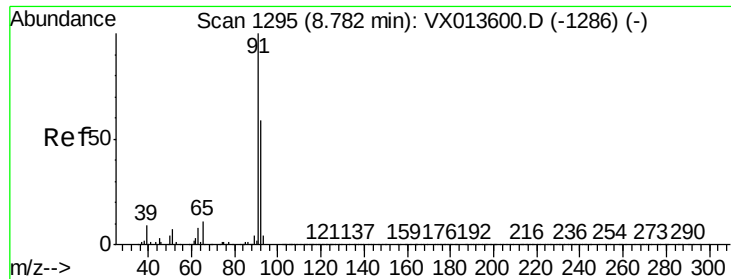
200000

0

8.60 8.70 8.80

Time-->





#52

Toluene

Concen: 0.631 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

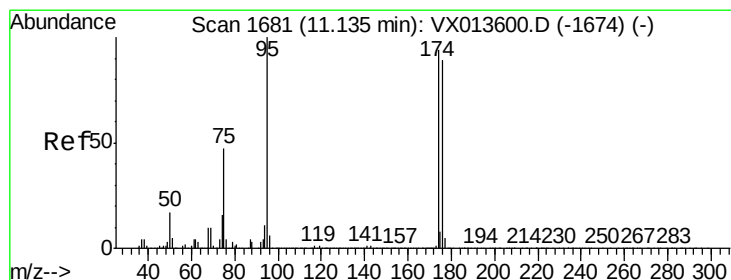
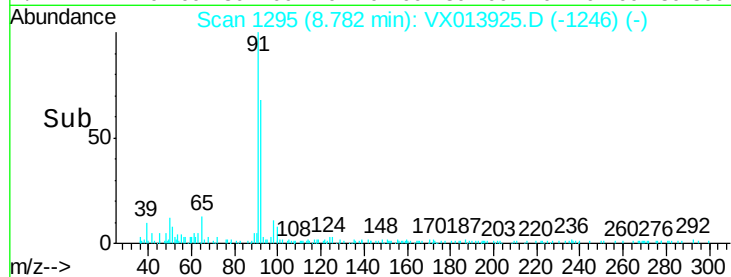
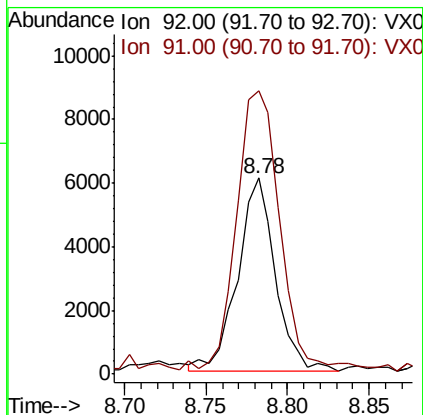
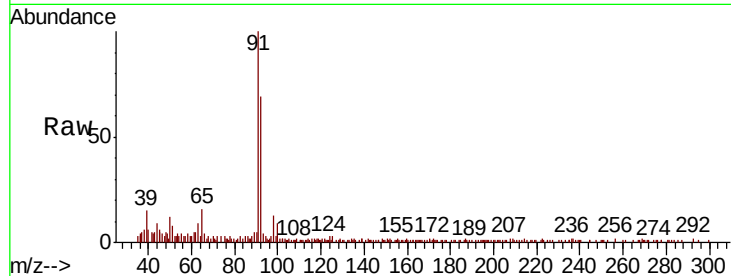
KY038PS027-191209

Tot Ion: 92 Resp: 9776

Ion Ratio Lower Upper

92 100

91 166.5 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 46.106 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

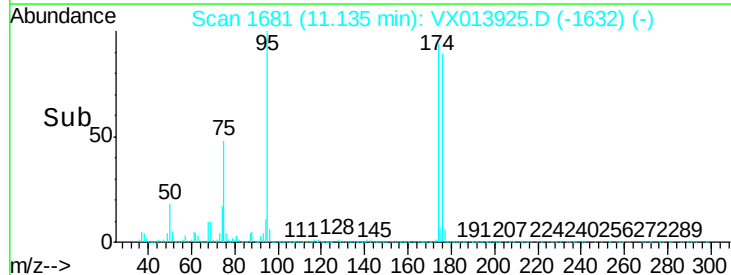
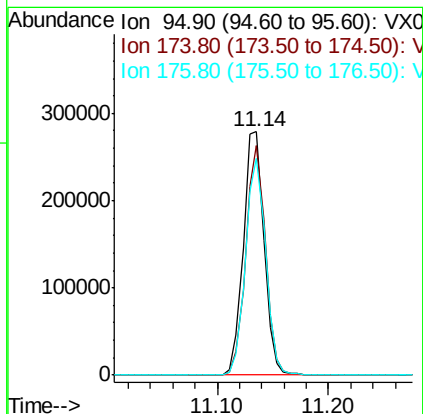
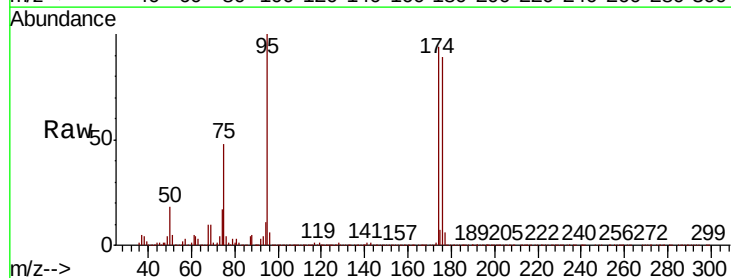
Tgt Ion: 95 Resp: 361460

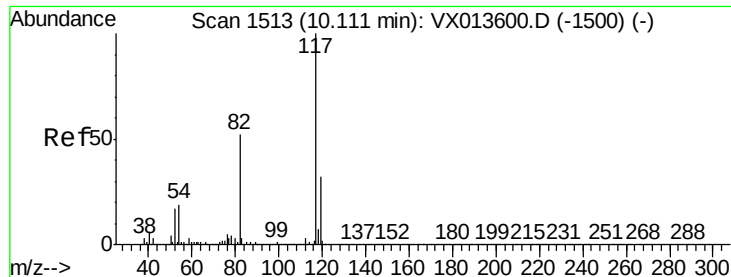
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 86.7 0.0 173.6

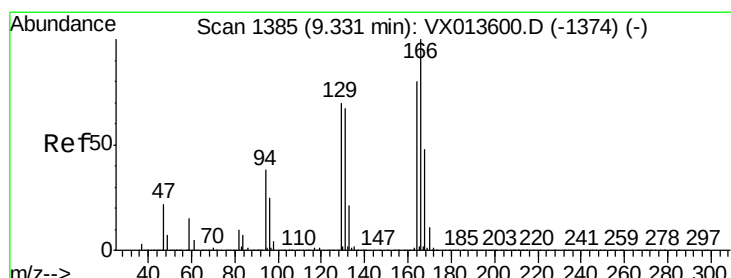
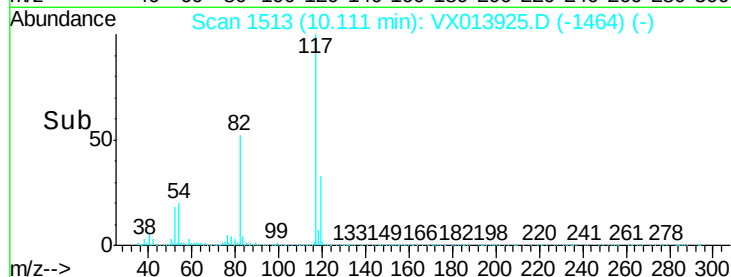
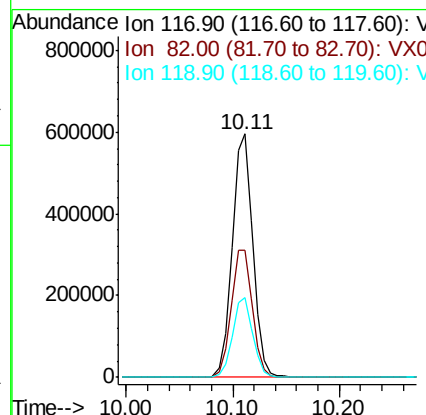
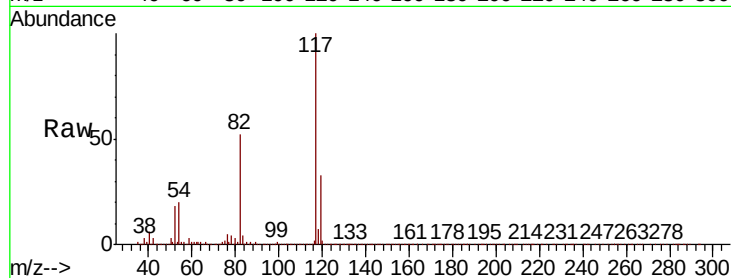




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

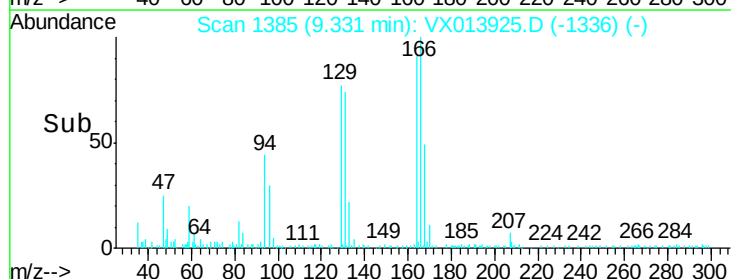
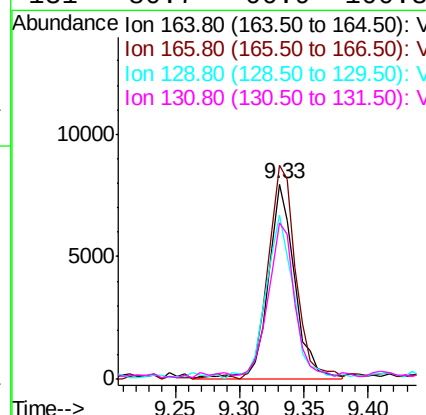
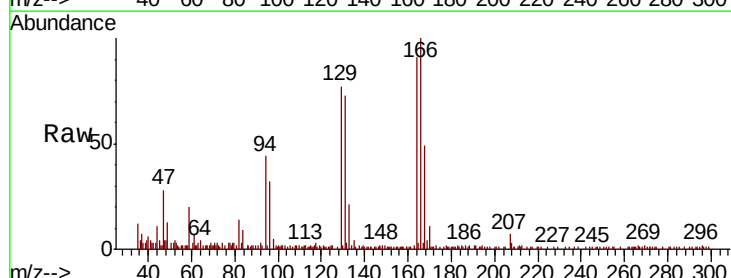
Instrument :
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ClientSampleId :
KY038PS027-191209

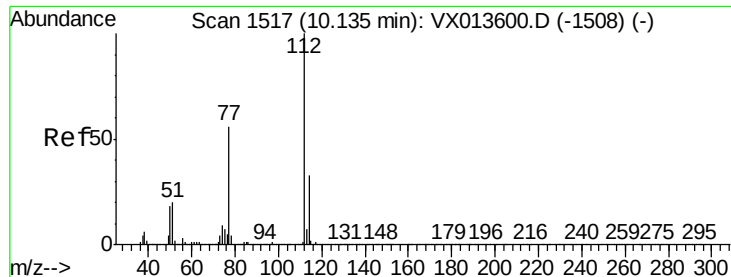
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 1.902 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	110.1	99.7	149.5
129	82.5	70.1	105.1
131	80.7	66.9	100.3





#65

Chlorobenzene

Concen: 1.333 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013925.D

Acq: 11 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

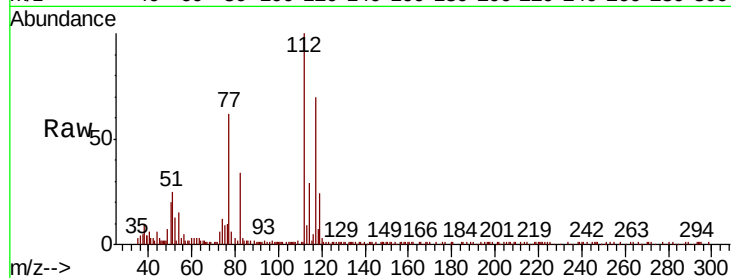
KY038PS027-191209

Tot Ion:112 Resp: 22329

Ion Ratio Lower Upper

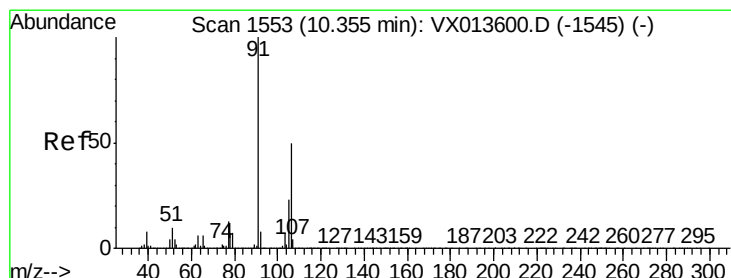
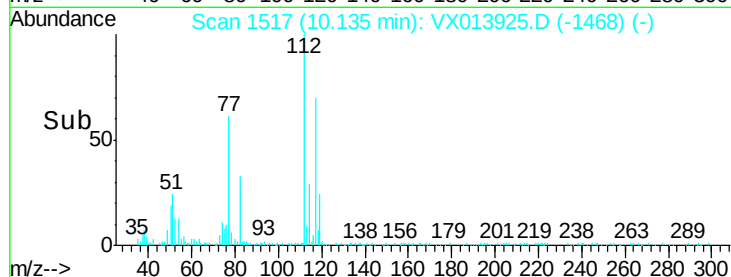
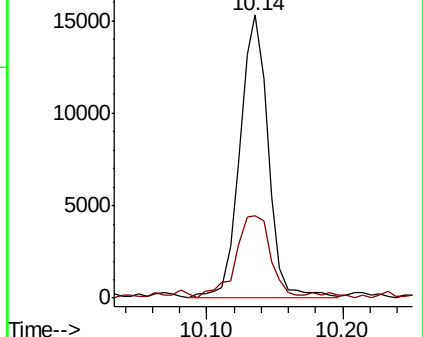
112 100

114 28.3 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.369 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013925.D

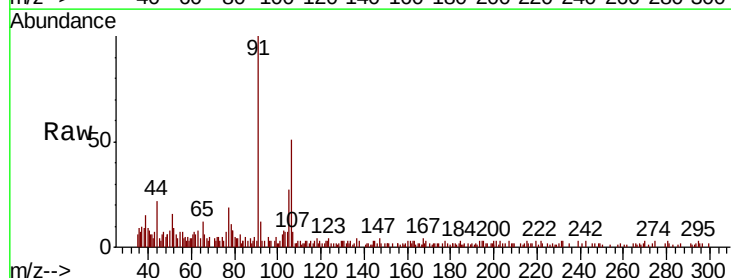
Acq: 11 Dec 2019 03:04

Tgt Ion:106 Resp: 4065

Ion Ratio Lower Upper

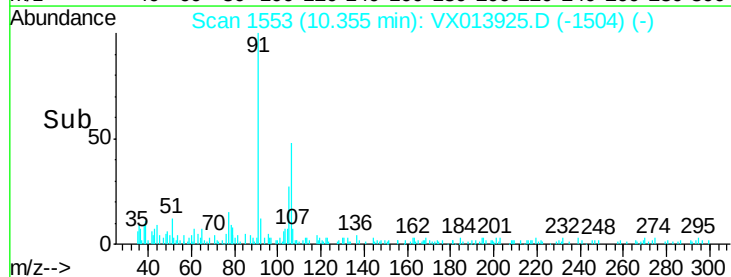
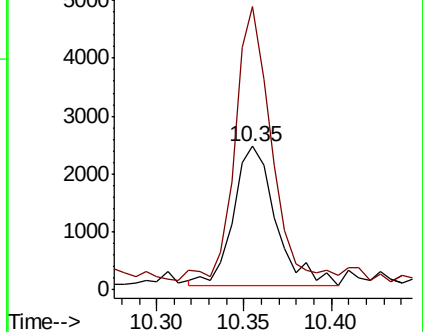
106 100

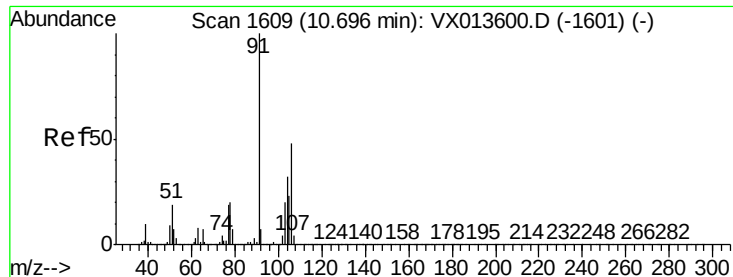
91 165.8 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

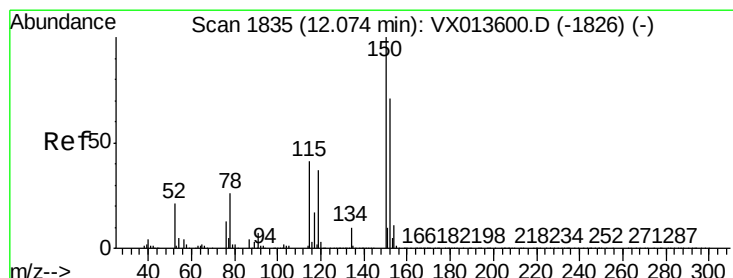
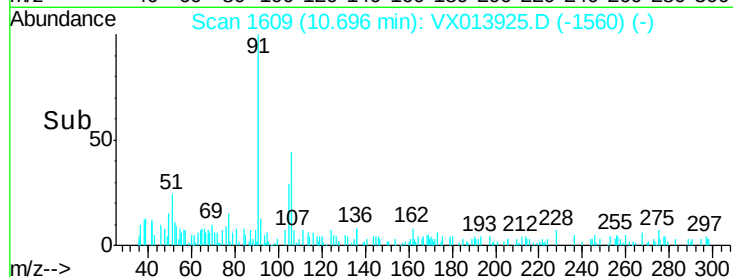
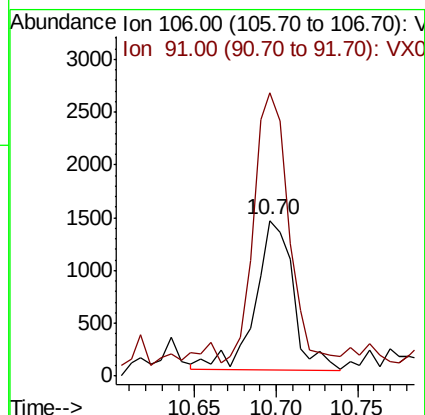
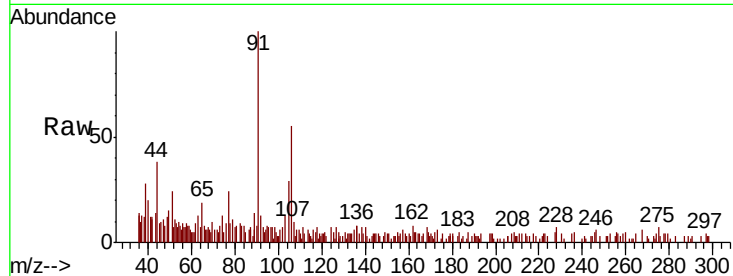




#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tot Ion:106 Resp: 2287
Ion Ratio Lower Upper
106 100
91 190.6 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:152 Resp: 365668
Ion Ratio Lower Upper
152 100
115 56.6 38.4 115.1
150 156.9 0.0 346.8

