

Data File : VU025884.D
Acq On : 06 Aug 2018 14:33
Operator : MD/SY
Sample : J4257-06RE
Misc : 8.66g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FK-BPM-03-001-CRE

Quant Time: Aug 07 00:51:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	175073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284708	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	179957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	145180	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	4.89	113	119789	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	7.57	98	420708	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	171883	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

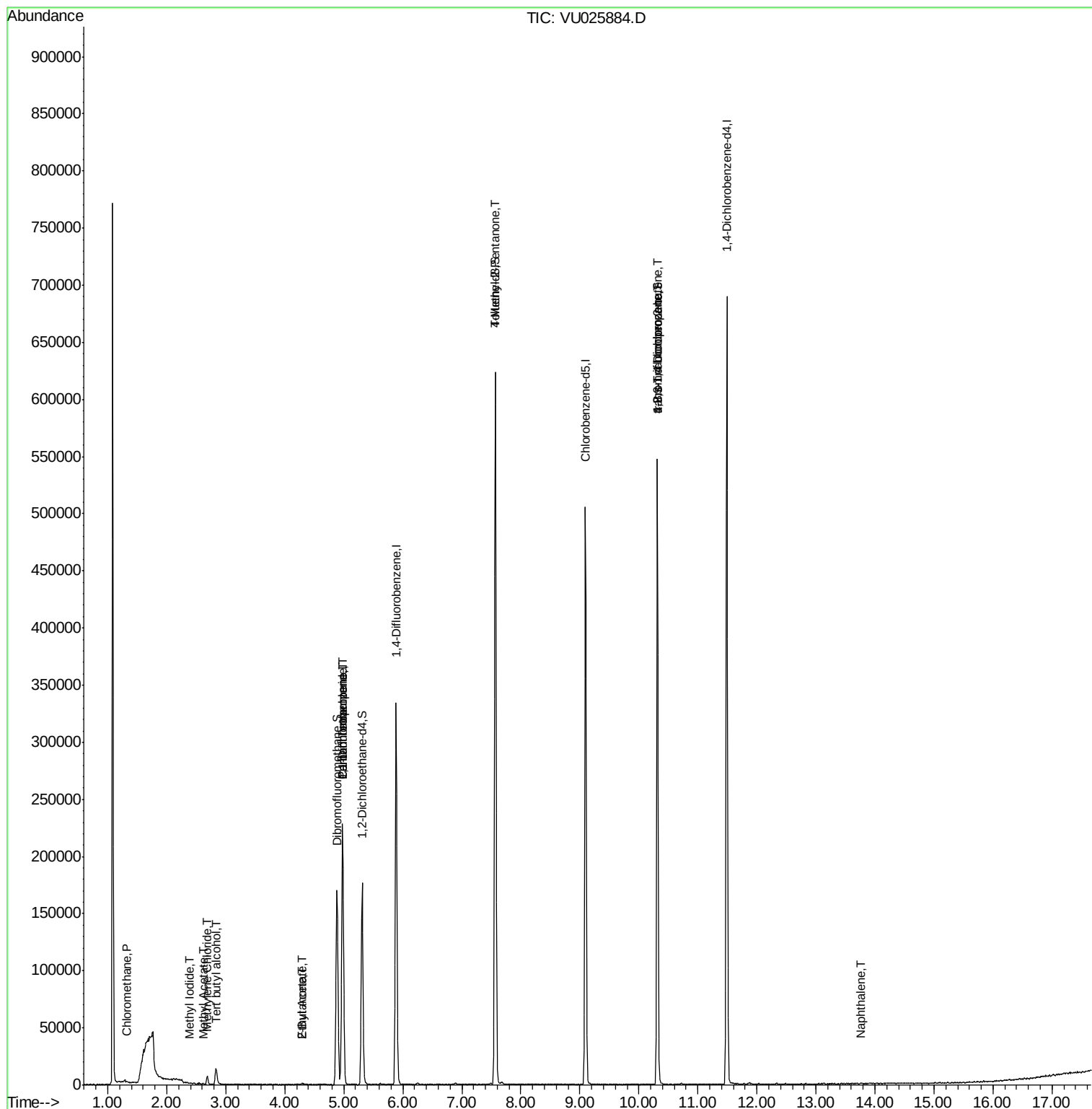
						Qvalue
3) Chloromethane	1.32	50	781	0.309	ug/l	97
10) Methyl Iodide	2.39	142	89	8.635	ug/l #	39
11) Tert butyl alcohol	2.84	59	9105	15.246	ug/l #	74
13) Acrolein	2.19	56	69	Below Cal		91
18) Methyl Acetate	2.63	43	943	0.295	ug/l #	61
20) Methylene Chloride	2.69	84	3080	1.307	ug/l	85
25) 2-Butanone	4.30	43	1999	1.104	ug/l #	87
31) Cyclohexane	4.98	56	3644	Below Cal	#	20
36) 1,1-Dichloropropene	4.98	75	13360	4.015	ug/l #	49
37) Ethyl Acetate	4.30	43	1999	0.579	ug/l #	69
38) Carbon Tetrachloride	4.98	117	16491	4.376	ug/l #	17
51) 4-Methyl-2-Pentanone	7.56	43	1594	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	88399	22.295	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	88399	55.904	ug/l #	100
95) Naphthalene	13.75	128	235	1.268	ug/l #	69

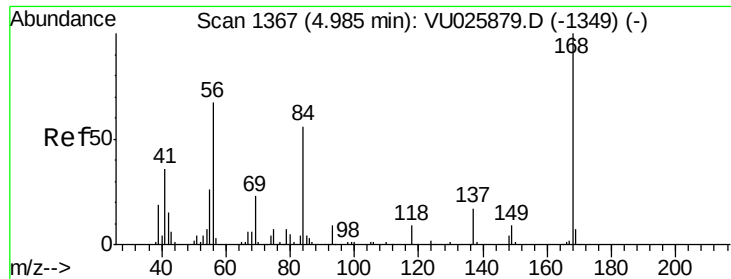
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

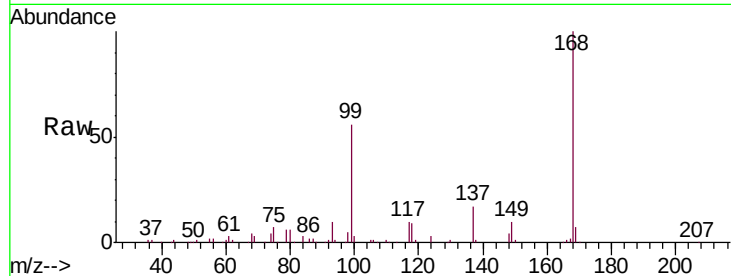
FK-BPM-03-001-CRE

Tgt Ion:168 Resp: 175073

Ion Ratio Lower Upper

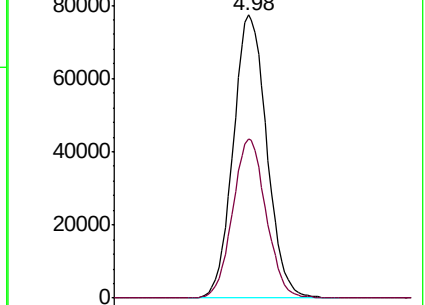
168 100

99 56.2 42.8 64.2

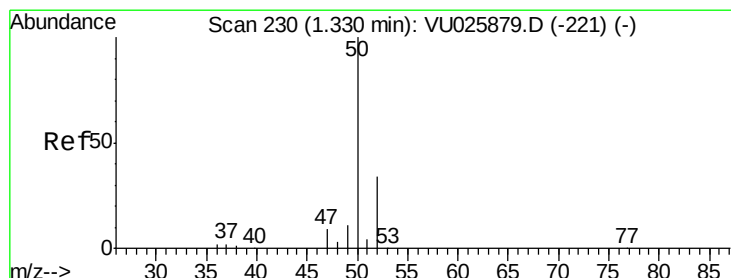
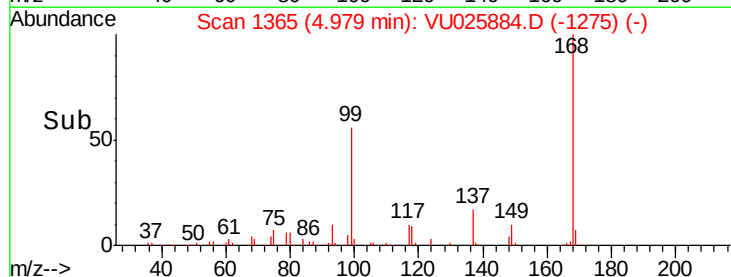


Abundance Ion 167.90 (167.60 to 168.60): VU025879.D

Ion 98.90 (98.60 to 99.60): VU025879.D



Time-->



#3

Chloromethane

Concen: 0.309 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025884.D

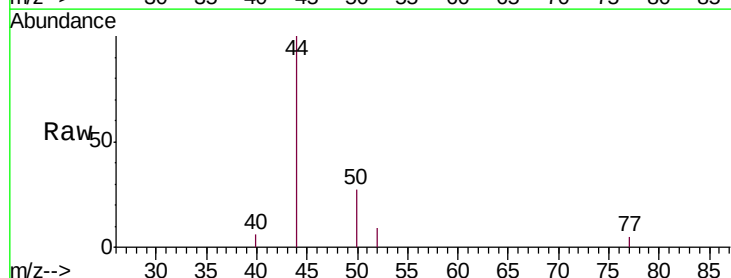
Acq: 06 Aug 2018 14:33

Tgt Ion: 50 Resp: 781

Ion Ratio Lower Upper

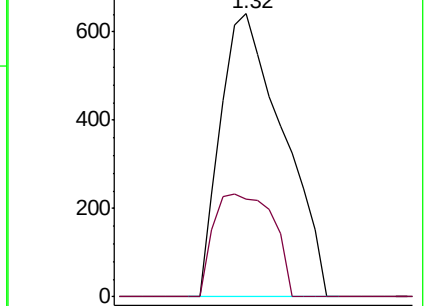
50 100

52 34.6 26.5 39.7

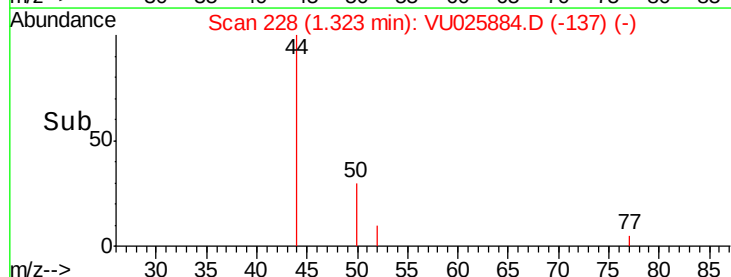


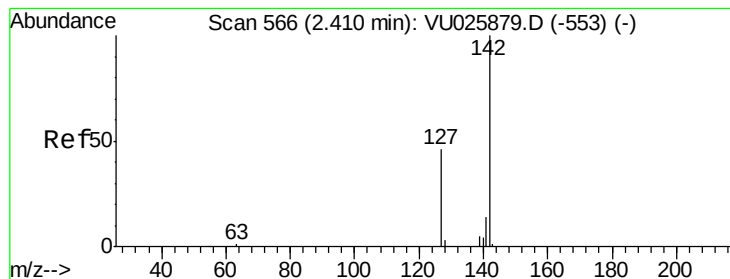
Abundance Ion 49.90 (49.60 to 50.60): VU025879.D

Ion 51.90 (51.60 to 52.60): VU025879.D



Time-->





#10

Methyl Iodide

Concen: 8.635 ug/l

RT: 2.39 min Scan# 560

Delta R.T. -0.02 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

FK-BPM-03-001-CRE

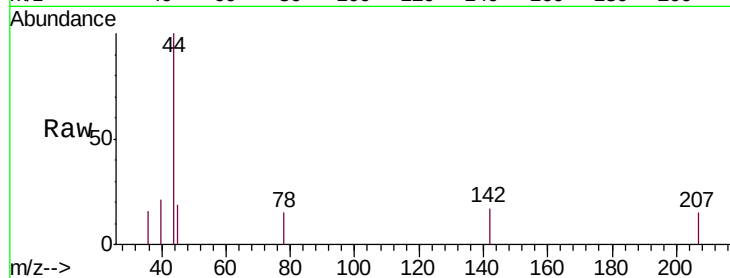
Tgt Ion: 142 Resp: 89

Ion Ratio Lower Upper

142 100

127 0.0 36.5 54.7#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

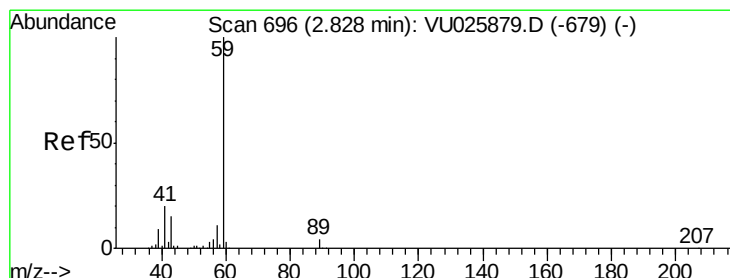
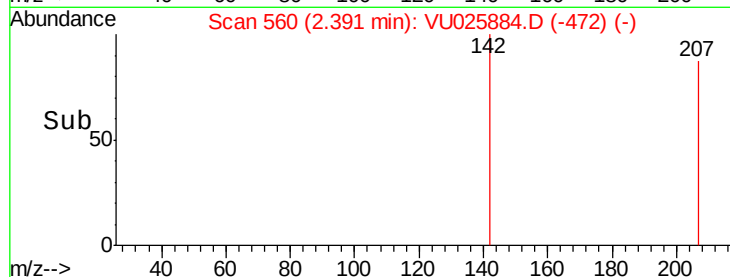
2.39

100

50

0

Time--> 2.37 2.38 2.39 2.40 2.41



#11

Tert butyl alcohol

Concen: 15.246 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VU025884.D

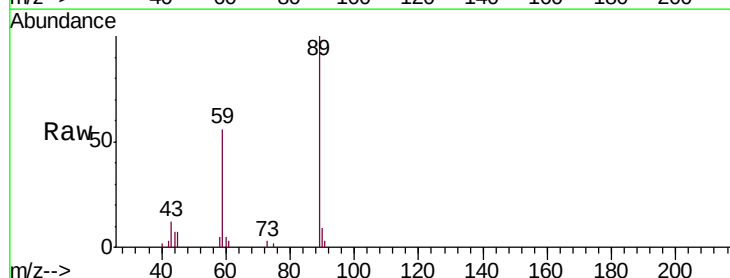
Acq: 06 Aug 2018 14:33

Tgt Ion: 59 Resp: 9105

Ion Ratio Lower Upper

59 100

57 0.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

4000

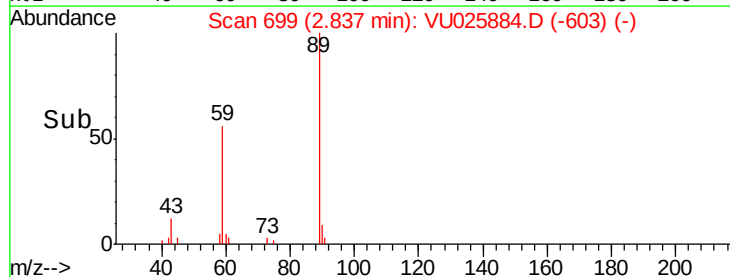
3000

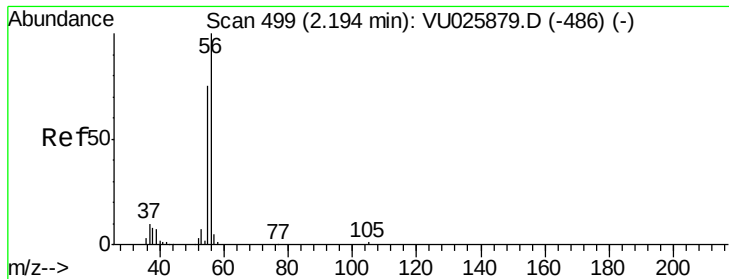
2000

1000

0

Time--> 2.75 2.80 2.85 2.90





#13

Acrolein

Concen: Below Cal

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

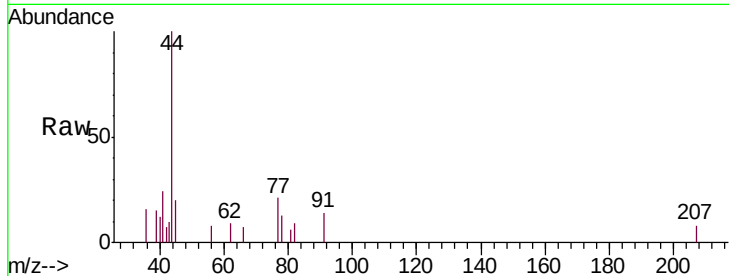
FK-BPM-03-001-CRE

Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

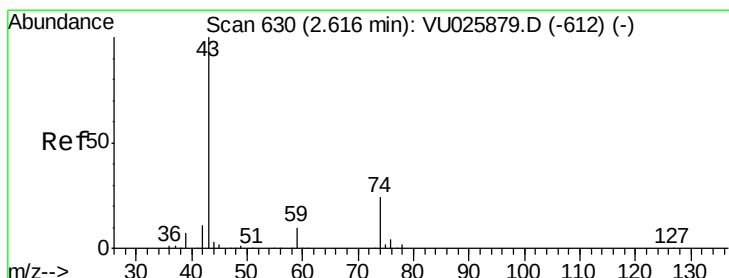
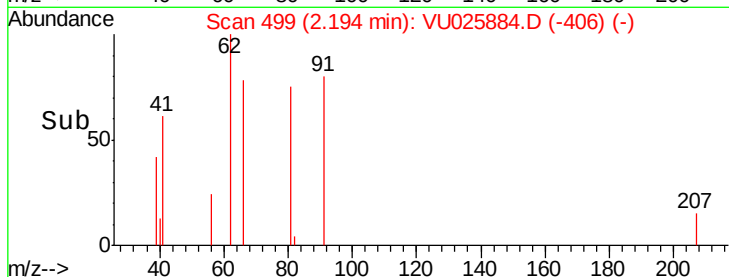
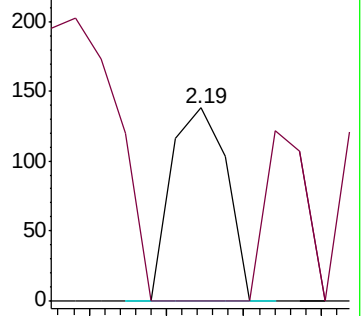
56 100

55 63.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#18

Methyl Acetate

Concen: 0.295 ug/l

RT: 2.63 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU025884.D

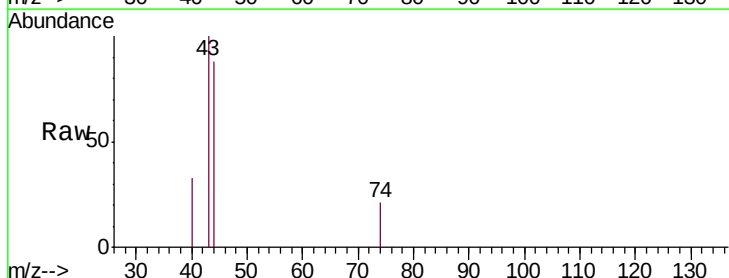
Acq: 06 Aug 2018 14:33

Tgt Ion: 43 Resp: 943

Ion Ratio Lower Upper

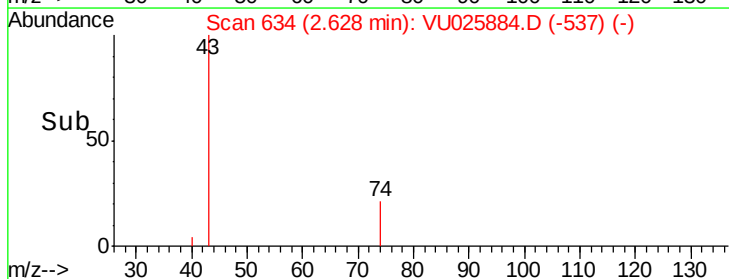
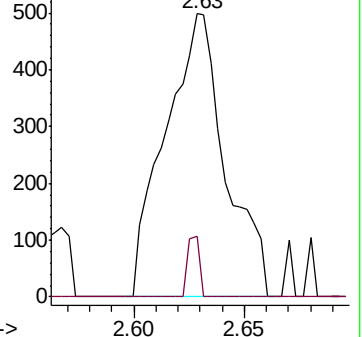
43 100

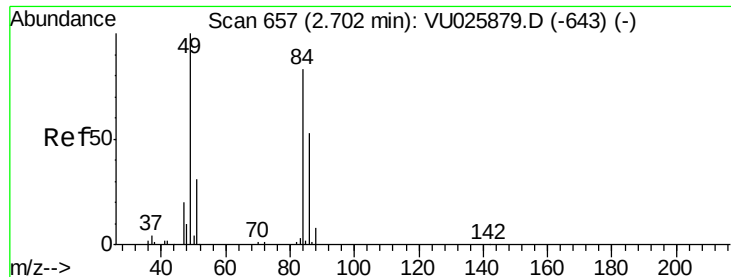
74 4.2 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

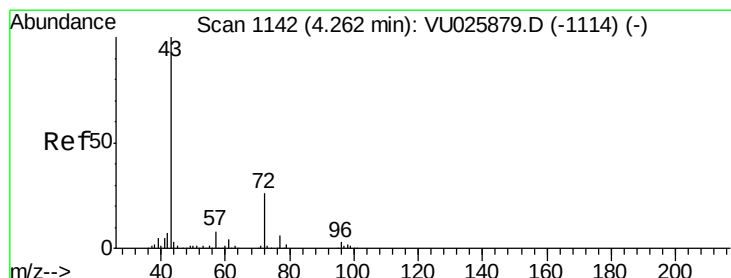
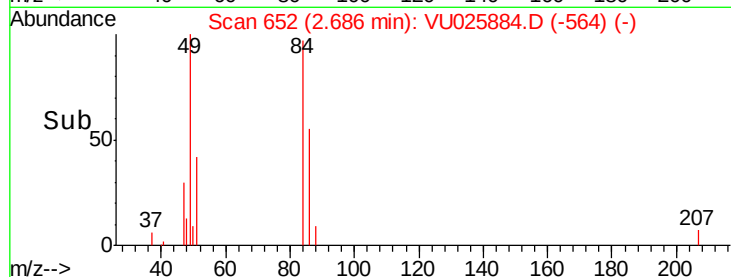
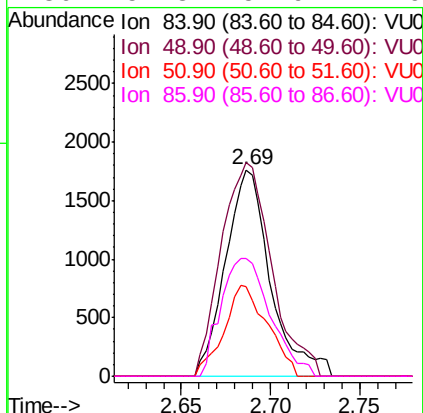
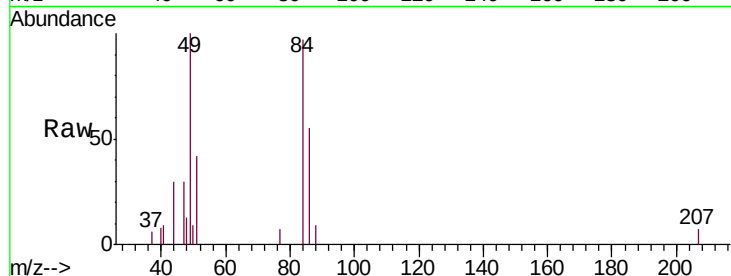




#20
Methylene Chloride
Concen: 1.307 ug/l
RT: 2.69 min Scan# 652
Delta R.T. -0.02 min
Lab File: VU025884.D
Acq: 06 Aug 2018 14:33

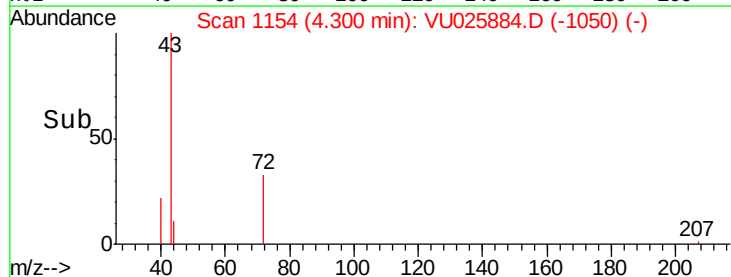
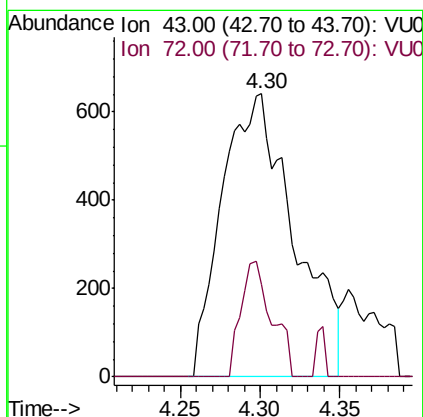
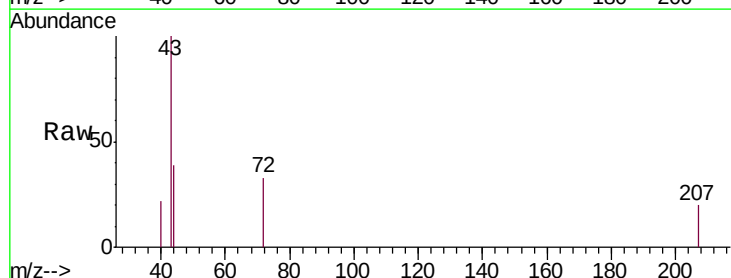
Instrument :
MSVOA_U
ClientSampleId :
FK-BPM-03-001-CRE

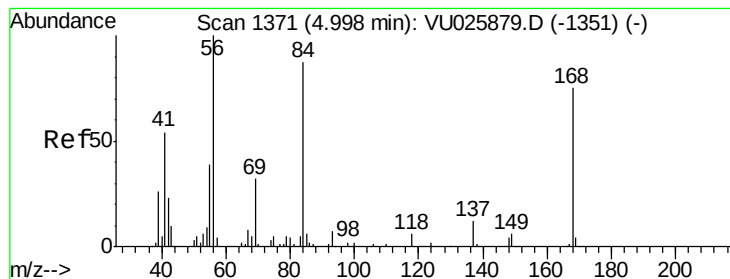
Tgt Ion:	84	Resp:	3080
Ion	Ratio	Lower	Upper
84	100		
49	103.4	101.8	152.6
51	43.3	30.8	46.2
86	57.3	51.9	77.9



#25
2-Butanone
Concen: 1.104 ug/l
RT: 4.30 min Scan# 1154
Delta R.T. 0.04 min
Lab File: VU025884.D
Acq: 06 Aug 2018 14:33

Tgt Ion:	43	Resp:	1999
Ion	Ratio	Lower	Upper
43	100		
72	32.9	21.0	31.4#





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

FK-BPM-03-001-CRE

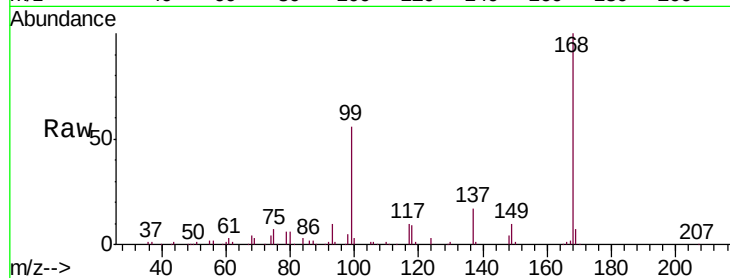
Tgt Ion: 56 Resp: 3644

Ion Ratio Lower Upper

56 100

69 147.0 26.8 40.2#

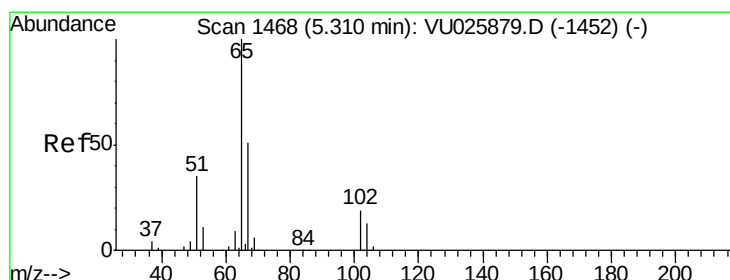
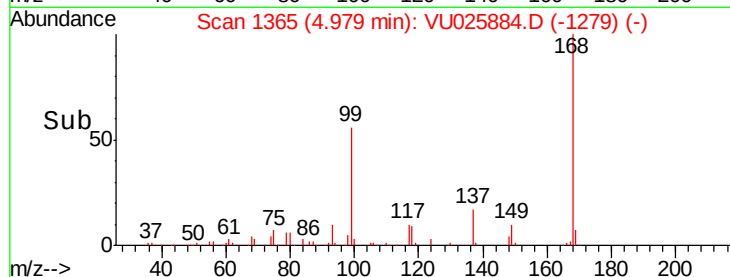
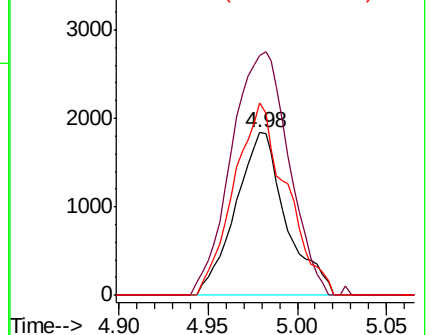
84 118.2 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 53.222 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025884.D

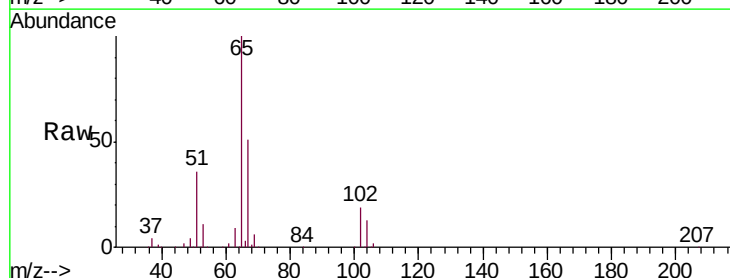
Acq: 06 Aug 2018 14:33

Tgt Ion: 65 Resp: 145180

Ion Ratio Lower Upper

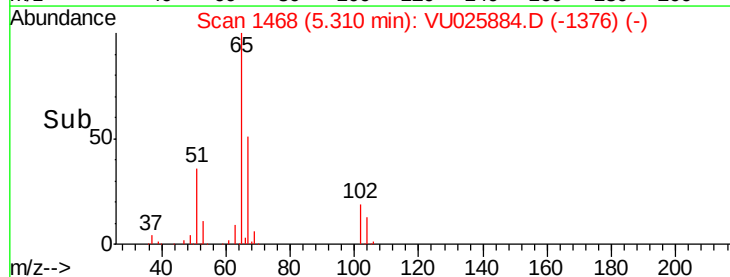
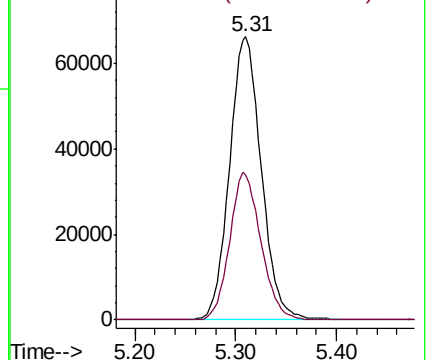
65 100

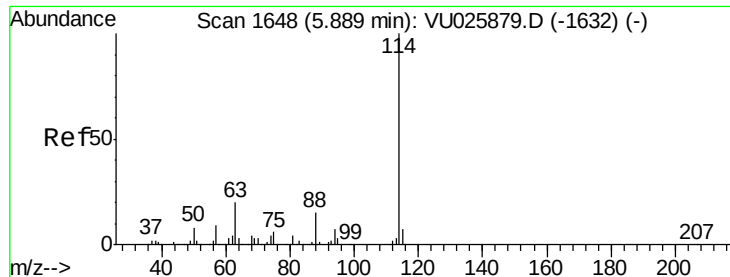
67 51.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

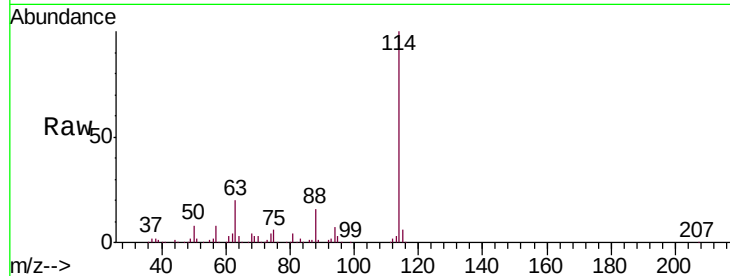




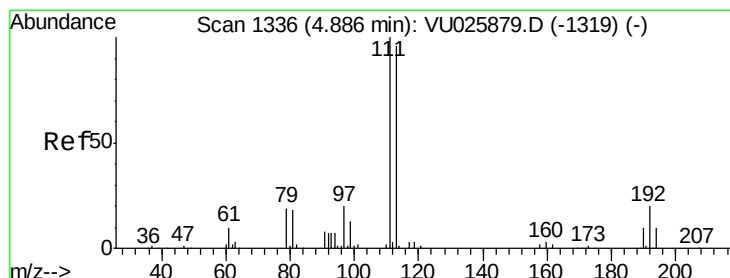
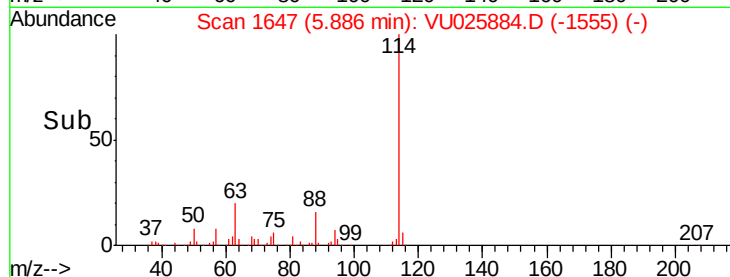
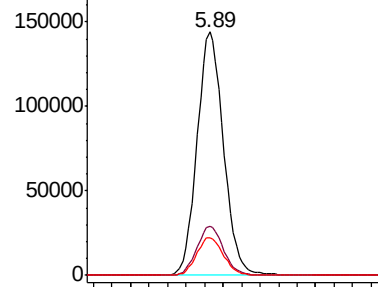
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: VU025884.D
 Acq: 06 Aug 2018 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 FK-BPM-03-001-CRE

Tgt Ion:	114	Resp:	284708
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	15.6	0.0	32.4

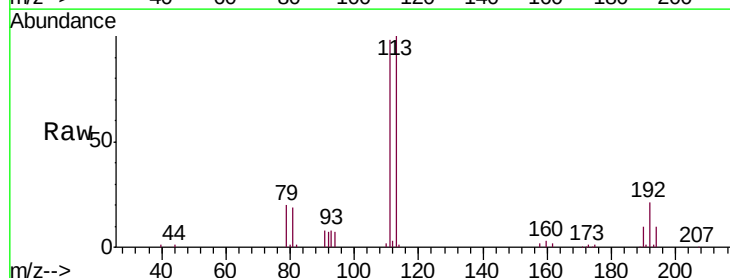


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

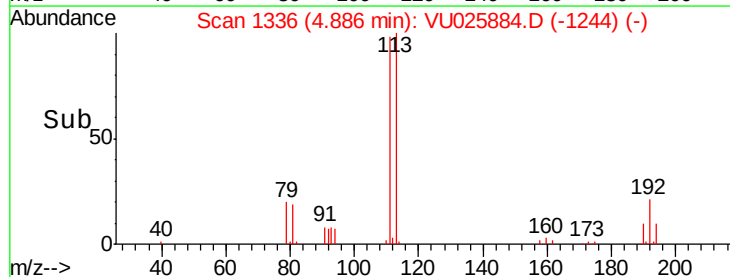
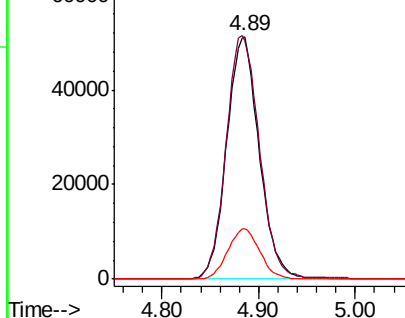


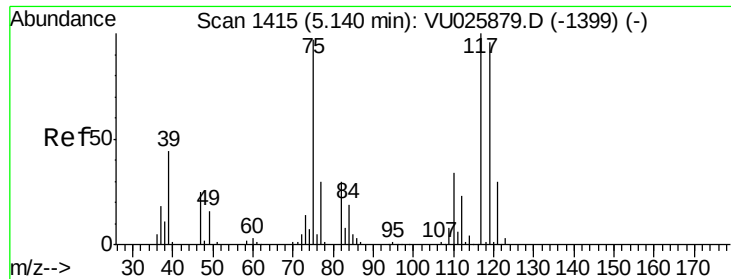
#35
 Dibromofluoromethane
 Concen: 48.375 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025884.D
 Acq: 06 Aug 2018 14:33

Tgt Ion:	113	Resp:	119789
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	20.4	17.1	25.7



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

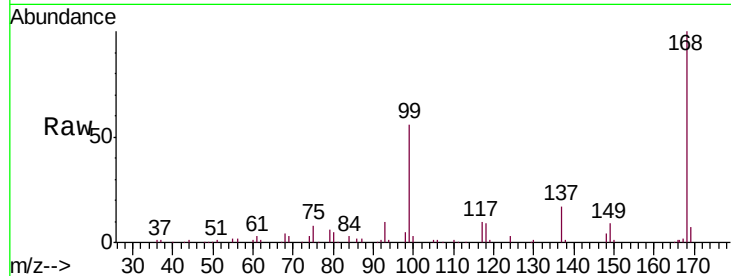




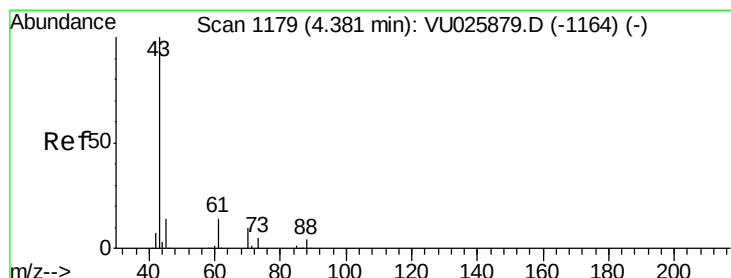
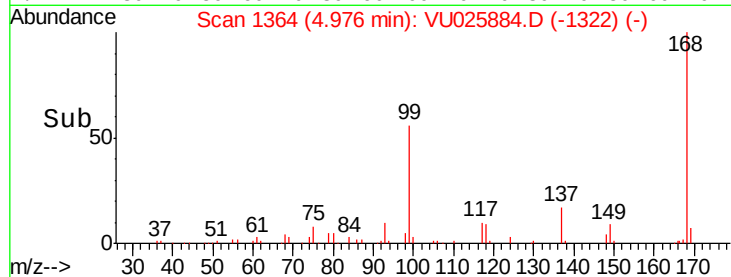
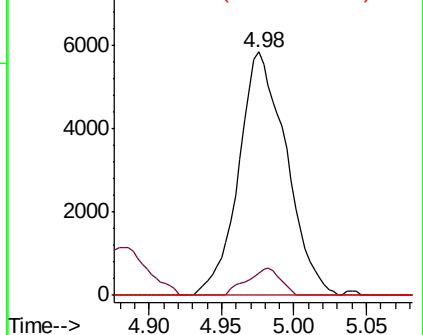
#36
 1,1-Dichloropropene
 Concen: 4.015 ug/l
 RT: 4.98 min Scan# 1364
 Delta R.T. -0.16 min
 Lab File: VU025884.D
 Acq: 06 Aug 2018 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 FK-BPM-03-001-CRE

Tgt Ion: 75 Resp: 13360
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.6 52.9#
 77 0.0 24.4 36.6#

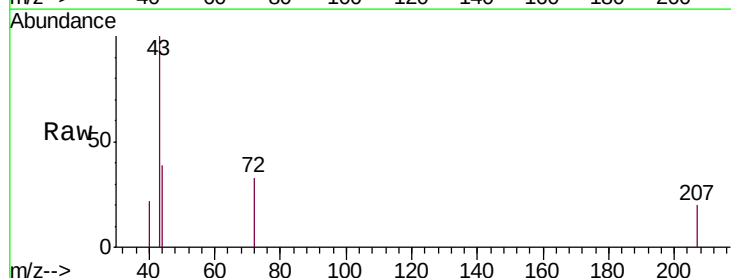


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

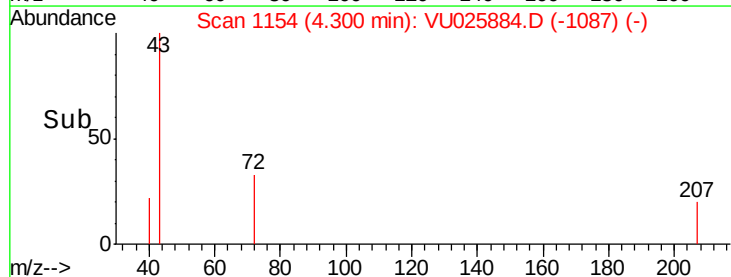
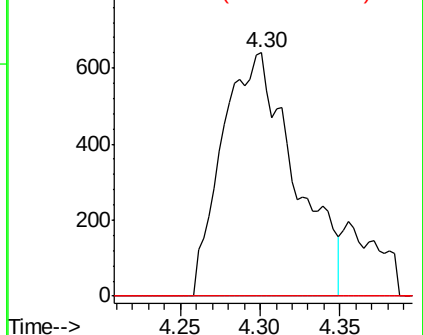


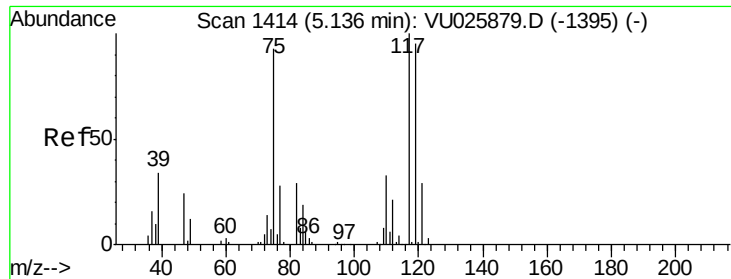
#37
 Ethyl Acetate
 Concen: 0.579 ug/l
 RT: 4.30 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: VU025884.D
 Acq: 06 Aug 2018 14:33

Tgt Ion: 43 Resp: 1999
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.376 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.16 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

FK-BPM-03-001-CRE

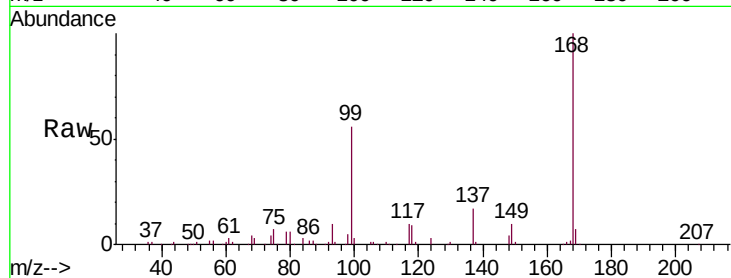
Tgt Ion:117 Resp: 16491

Ion Ratio Lower Upper

117 100

119 5.9 75.7 113.5#

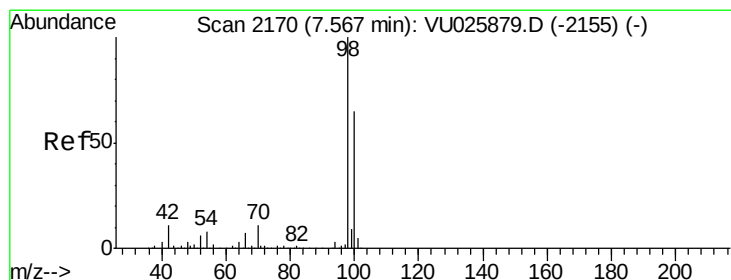
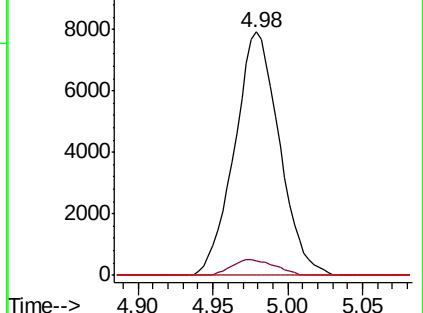
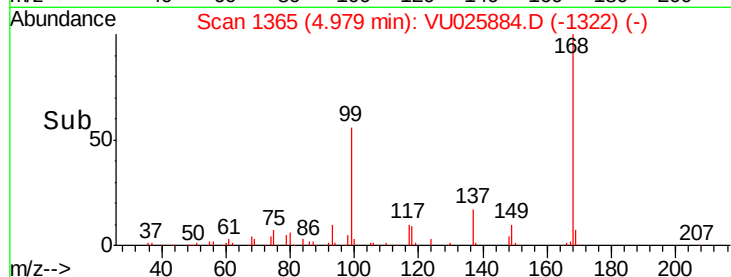
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.551 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025884.D

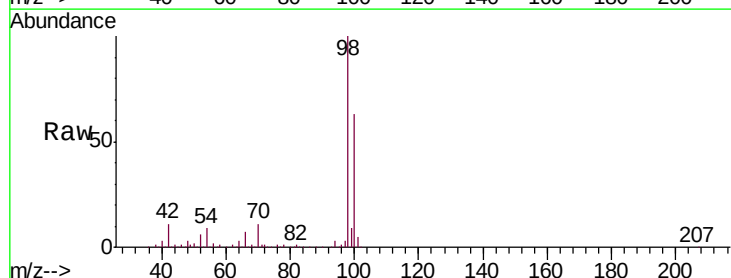
Acq: 06 Aug 2018 14:33

Tgt Ion: 98 Resp: 420708

Ion Ratio Lower Upper

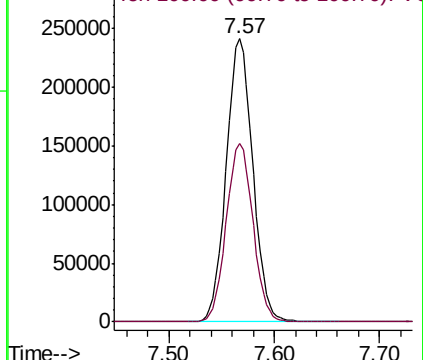
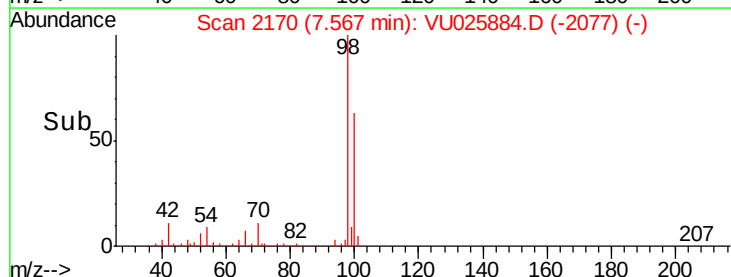
98 100

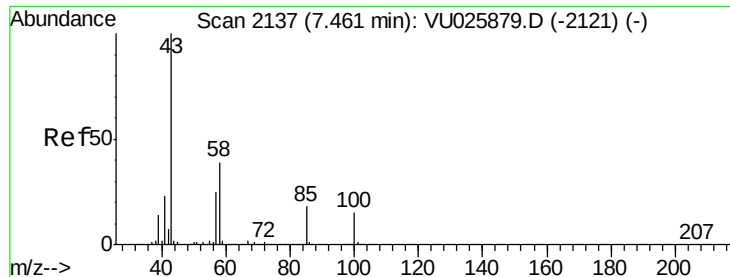
100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 7.56 min Scan# 2168

Delta R.T. 0.10 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

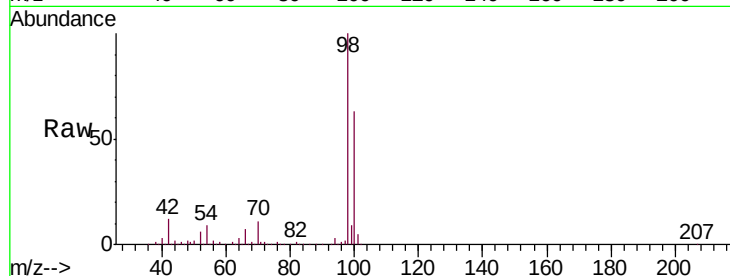
FK-BPM-03-001-CRE

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

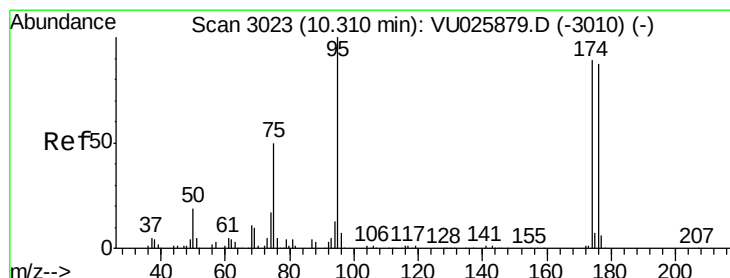
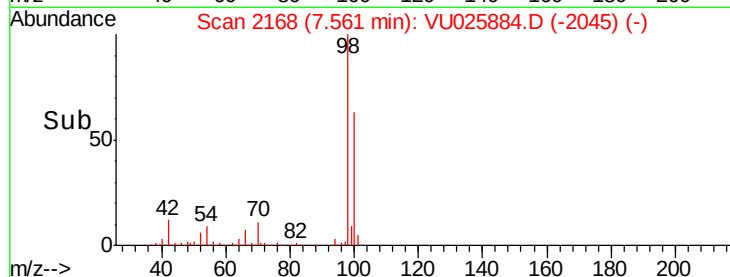
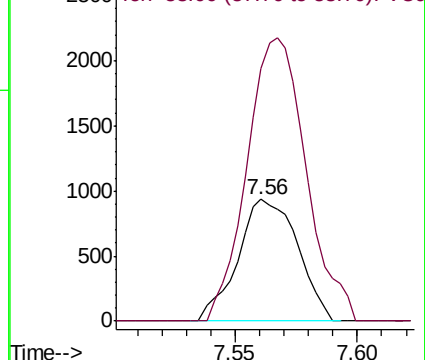
43 100

58 229.8 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-2121) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-2121) (-)



#62

4-Bromofluorobenzene

Concen: 51.105 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025884.D

Acq: 06 Aug 2018 14:33

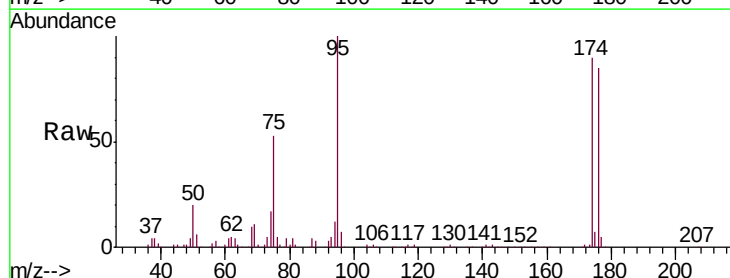
Tgt Ion: 95 Resp: 171883

Ion Ratio Lower Upper

95 100

174 88.1 0.0 172.2

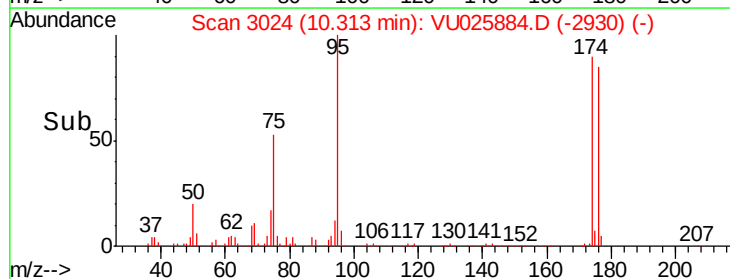
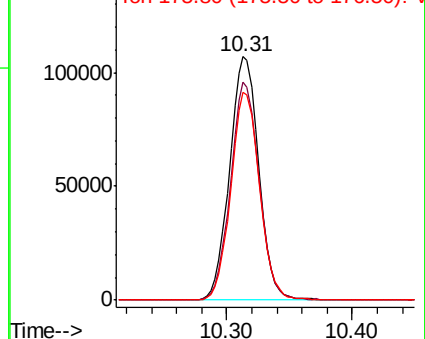
176 84.5 0.0 162.6

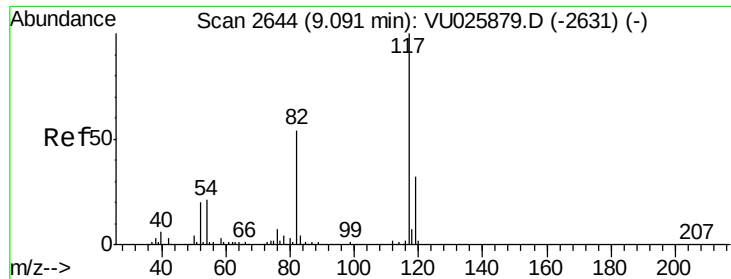


Abundance Ion 94.90 (94.60 to 95.60): VU025879.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025879.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025879.D (-3010) (-)

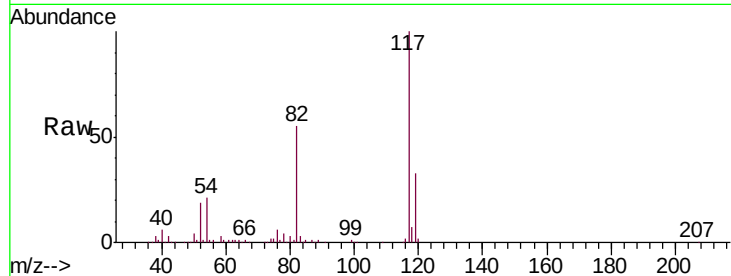




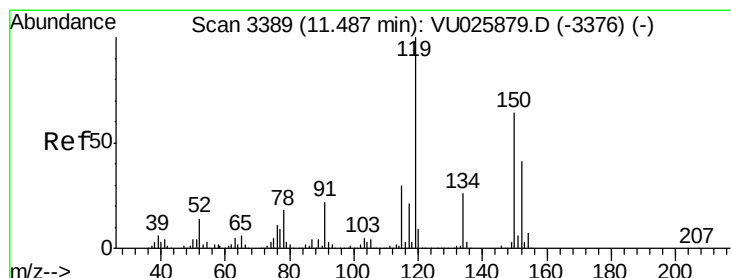
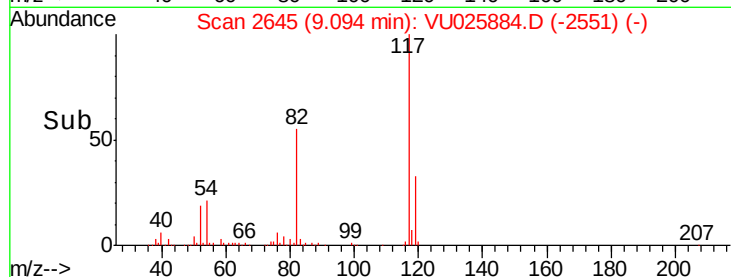
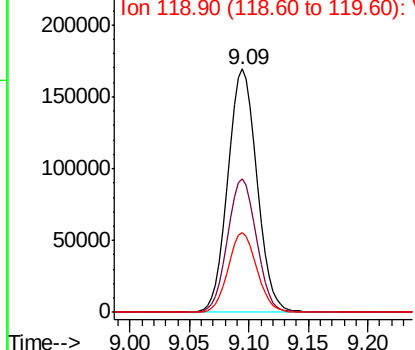
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025884.D
Acq: 06 Aug 2018 14:33

Instrument :
MSVOA_U
ClientSampleId :
FK-BPM-03-001-CRE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.0	69.0
119	32.9	26.0	39.0

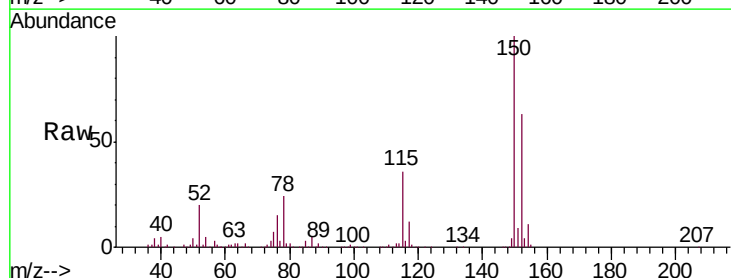


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025884.D
Acq: 06 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	40.1	120.3
150	158.4	0.0	351.4



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

