

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064486.D
 Acq On : 10 Dec 2019 12:40
 Operator : VA/SY
 Sample : K6205-05
 Misc : 6.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-SB-5

Quant Time: Dec 11 01:08:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	452998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	684527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	644089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189073	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.92	113	210346	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.34	98	813919	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.64	95	277802	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

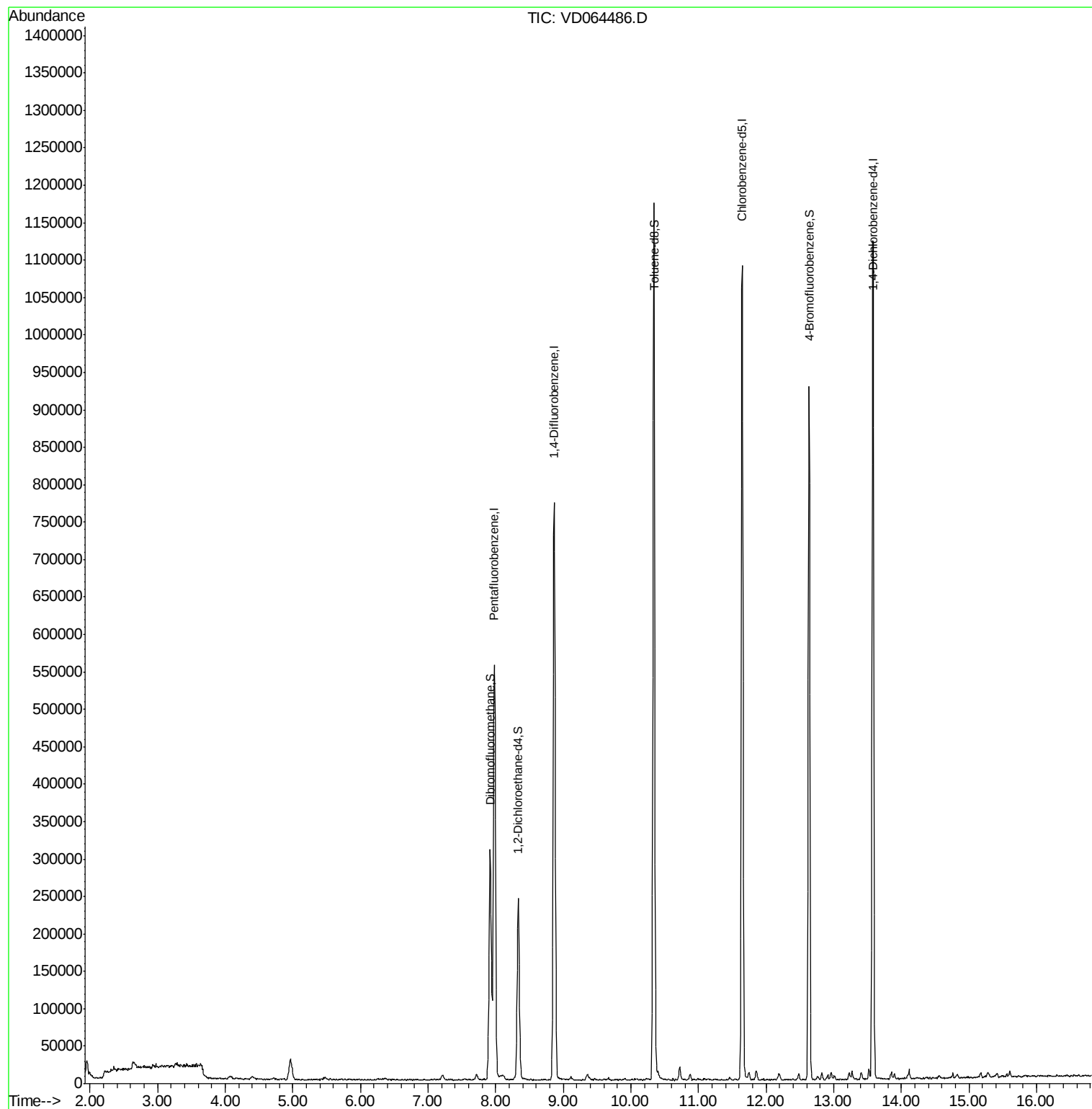
Target Compounds	Qvalue
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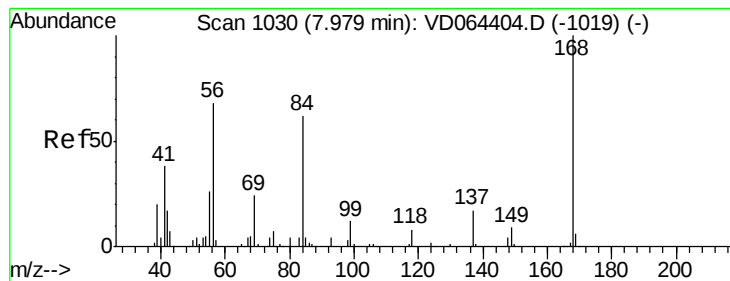
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064486.D

Acq: 10 Dec 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

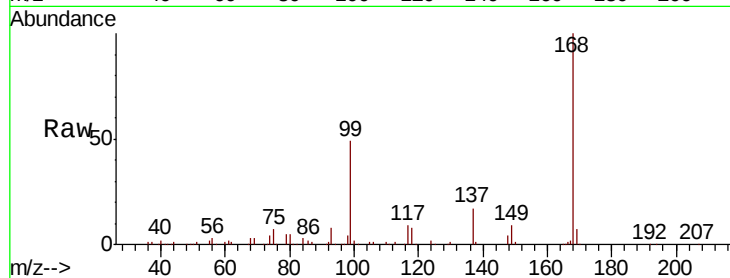
K165-SB-5

Tot Ion:168 Resp: 452998

Ion Ratio Lower Upper

168 100

99 48.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

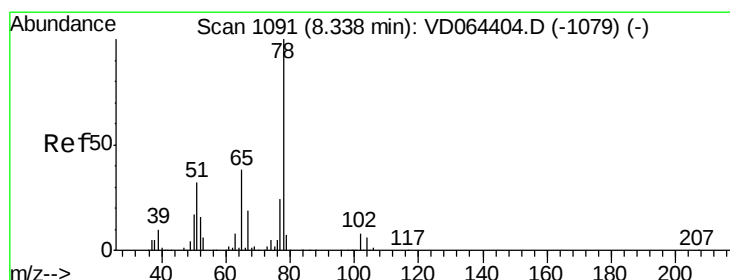
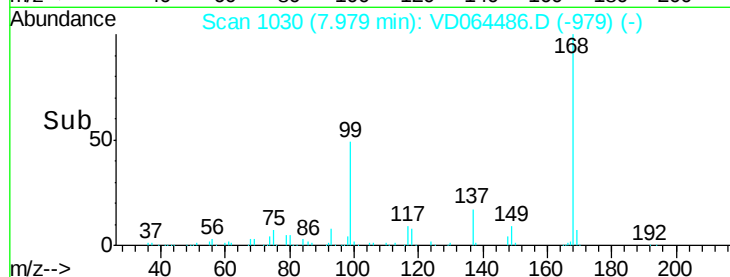
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.112 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064486.D

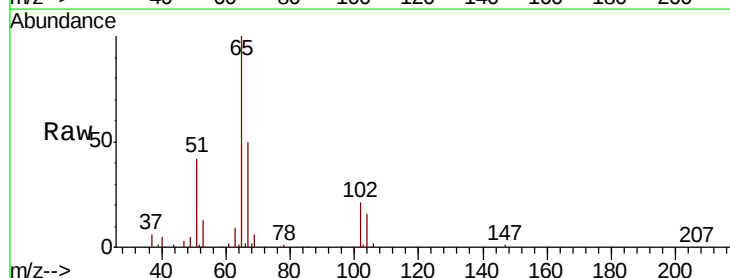
Acq: 10 Dec 2019 12:40

Tgt Ion: 65 Resp: 189073

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

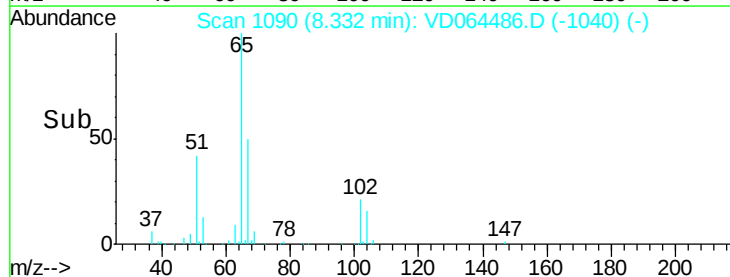
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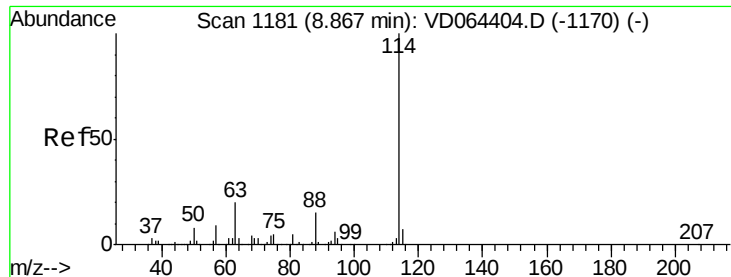
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20000

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Time-->

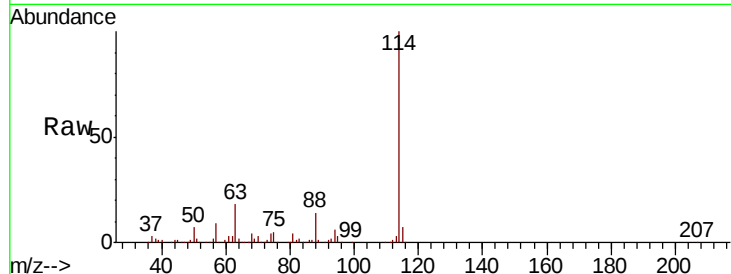




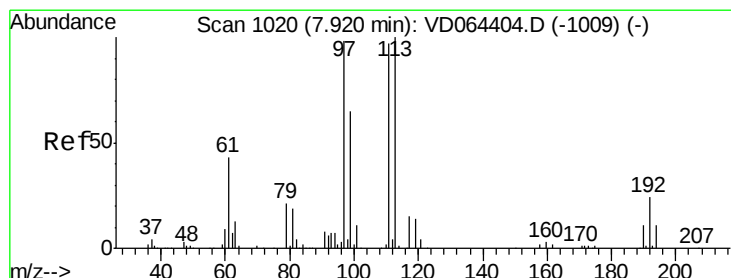
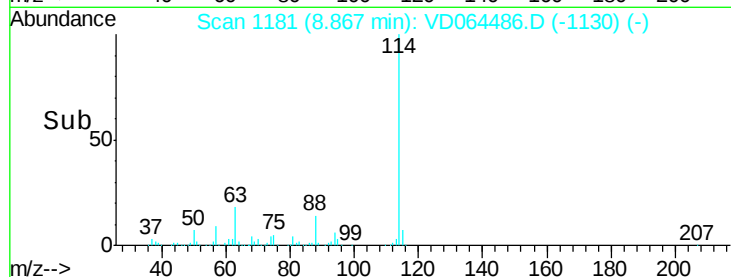
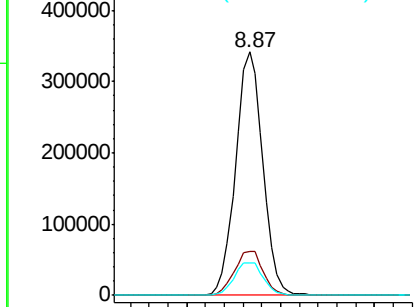
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064486.D
 Acq: 10 Dec 2019 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 K165-SB-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.0
88	13.5	0.0	29.2

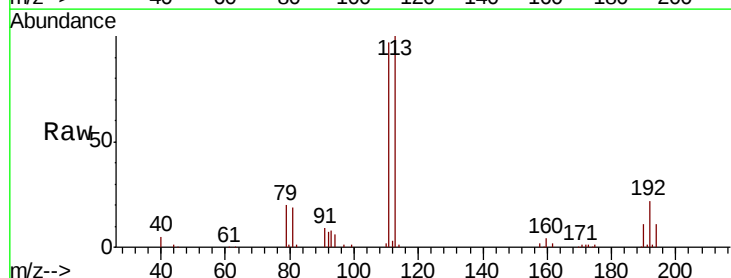


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

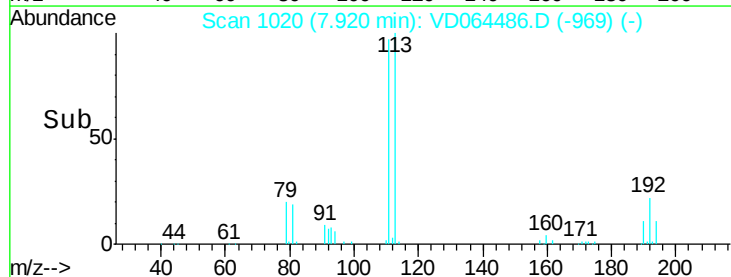
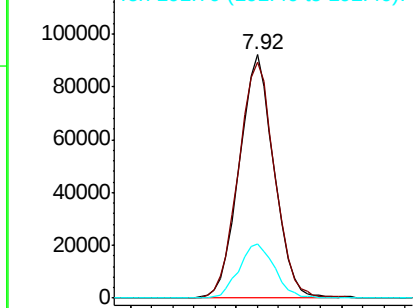


#35
 Dibromofluoromethane
 Concen: 48.772 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064486.D
 Acq: 10 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.4	119.2
192	22.9	18.6	28.0



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

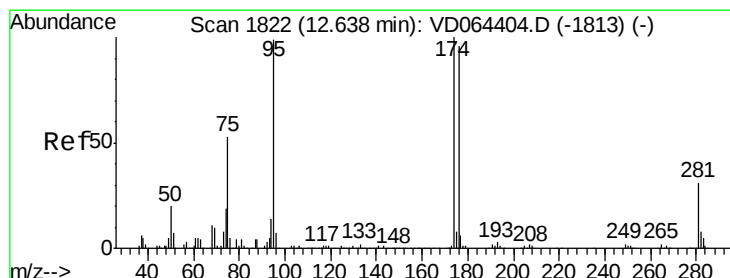
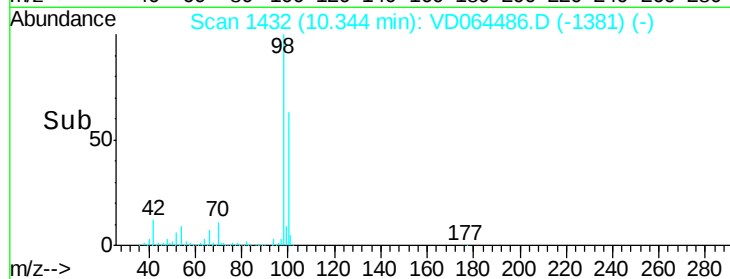
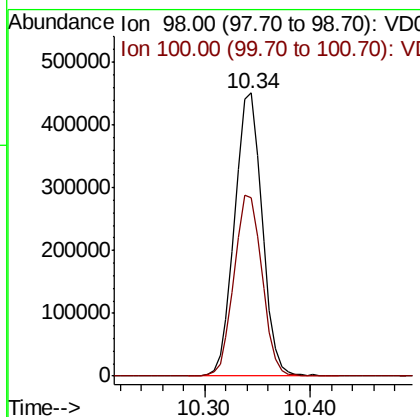
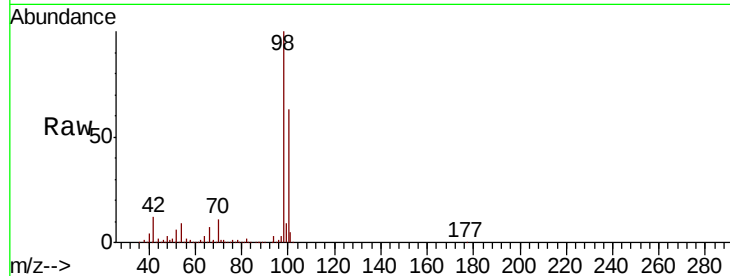




#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

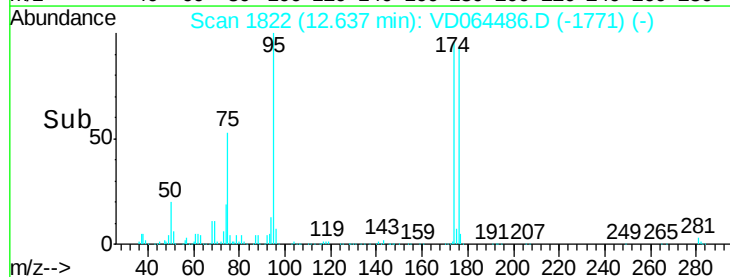
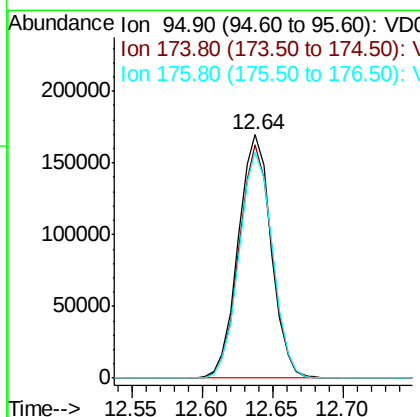
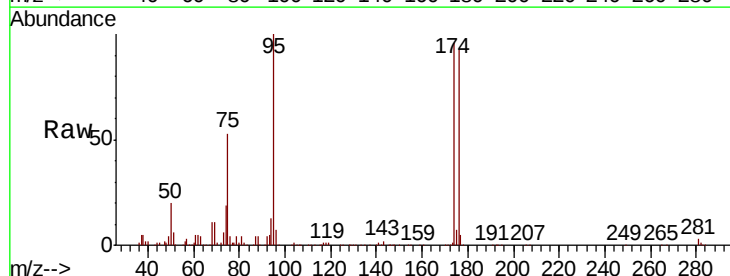
Instrument :
MSVOA_D
ClientSampled :
K165-SB-5

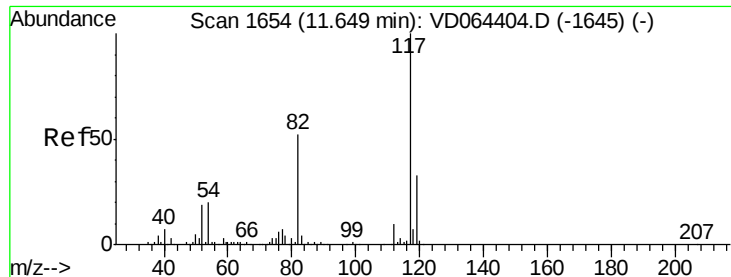
Tot Ion: 98 Resp: 813919
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.208 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion: 95 Resp: 277802
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.2
176 94.2 0.0 189.6

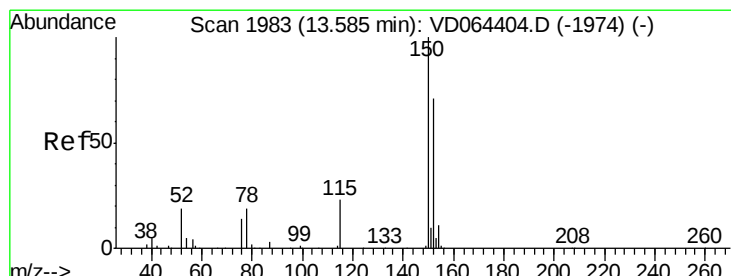
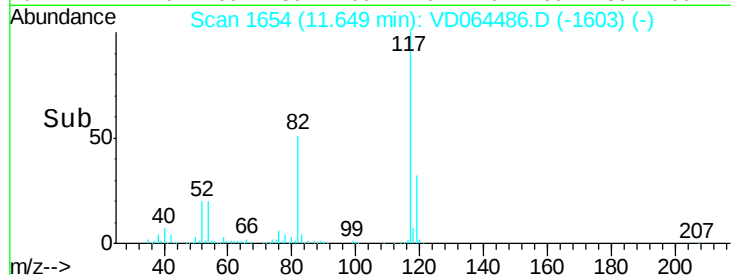
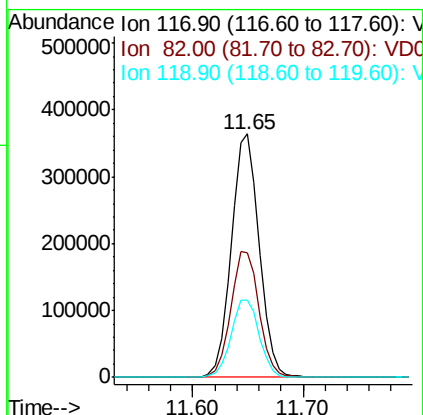
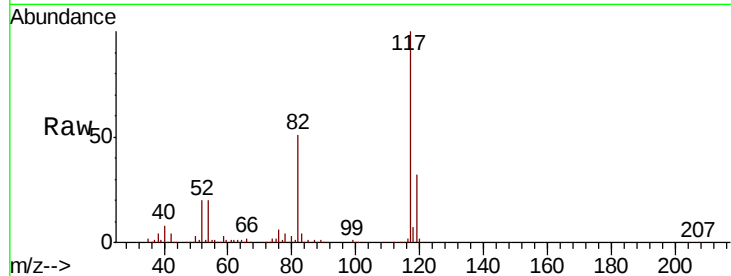




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Instrument :
MSVOA_D
ClientSampleId :
K165-SB-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.4	62.2
119	31.8	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.7	80.1
150	157.0	0.0	347.2

