

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066245.D
 Acq On : 14 Aug 2020 19:12
 Operator : VA/SY
 Sample : L3691-03
 Misc : 9.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S604-M-SO-1-1.5-081320

Quant Time: Aug 17 09:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

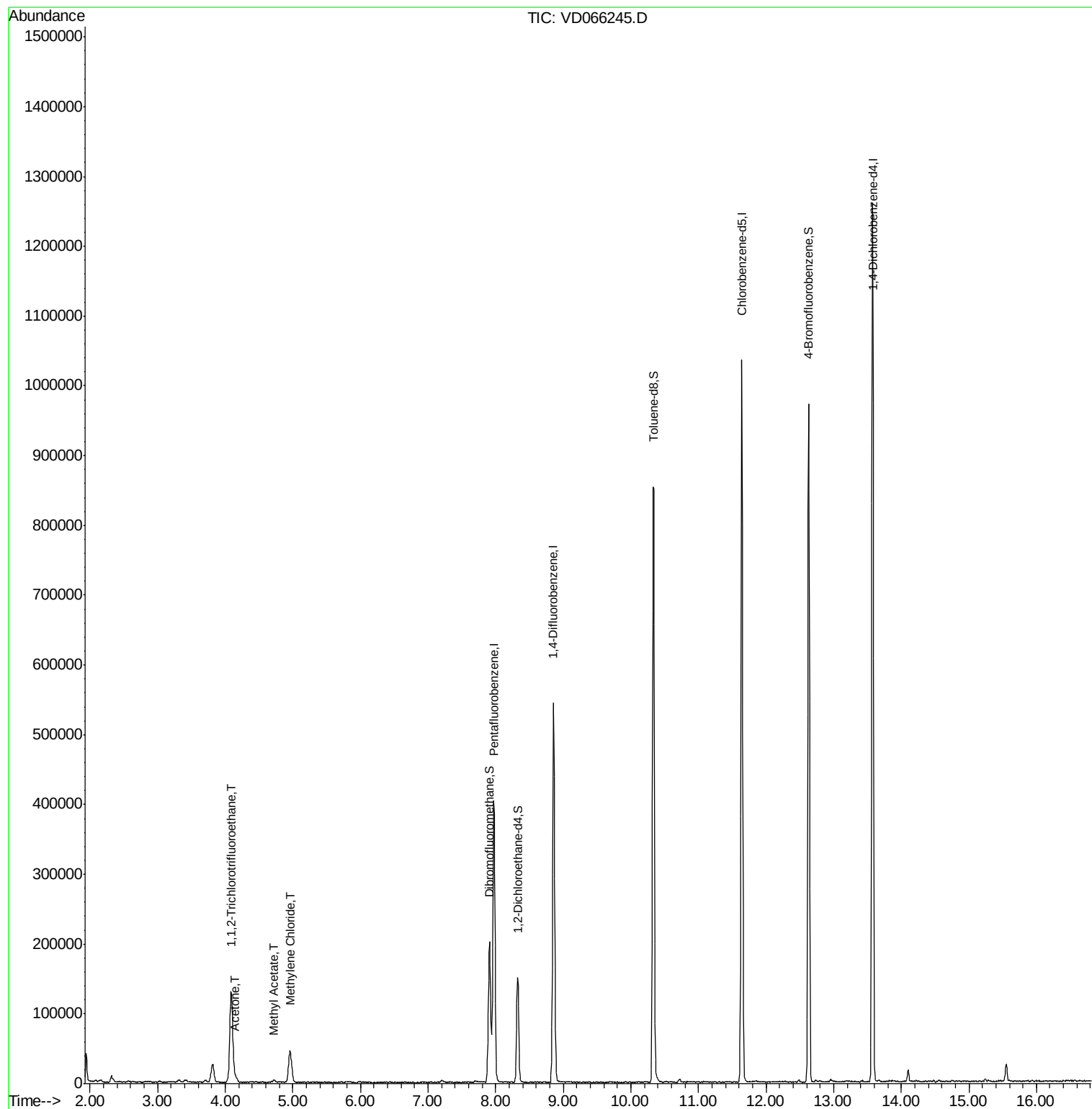
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	310520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	477735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	599561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	352640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123856	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
35) Dibromofluoromethane	7.91	113	144904	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.34	98	593074	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.63	95	302113	75.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.10%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	4.09	101	81462	27.945	ug/l	97
16) Acetone	4.16	43	12202	23.213	ug/l	89
18) Methyl Acetate	4.71	43	5594	4.190	ug/l	96
20) Methylene Chloride	4.96	84	36377	8.146	ug/l	96

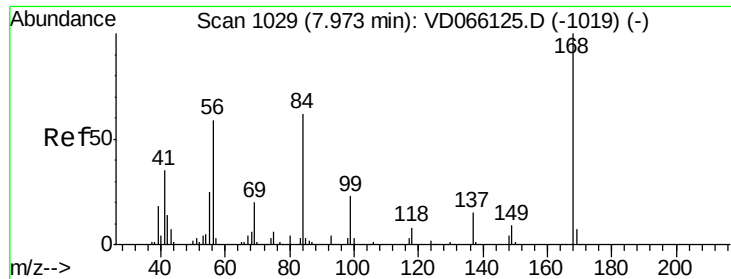
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

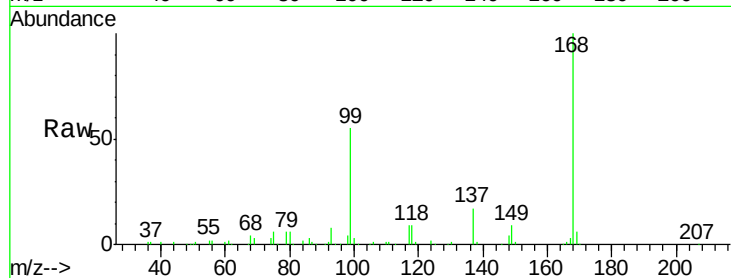
S604-M-SO-1-1.5-081320

Tot Ion:168 Resp: 310520

Ion Ratio Lower Upper

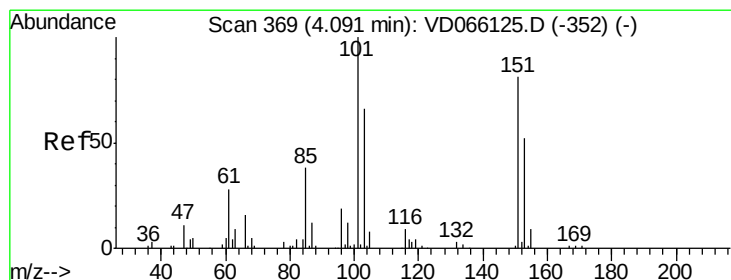
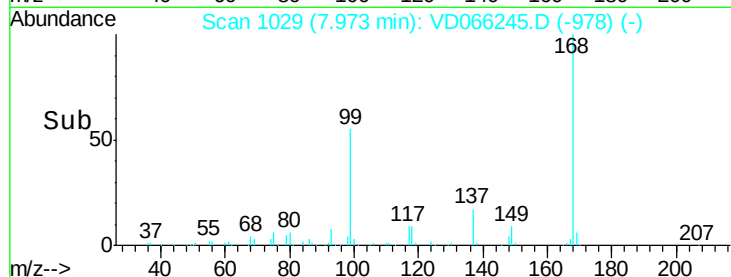
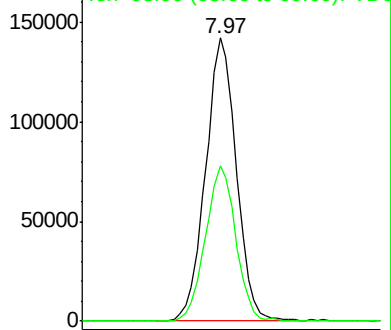
168 100

99 54.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.945 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

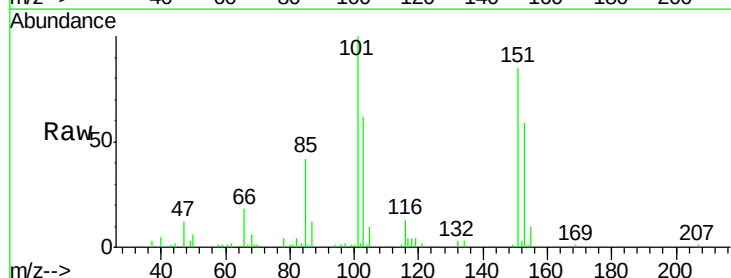
Tgt Ion:101 Resp: 81462

Ion Ratio Lower Upper

101 100

85 44.1 33.5 50.3

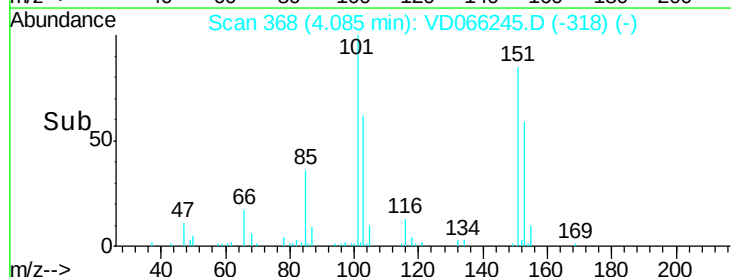
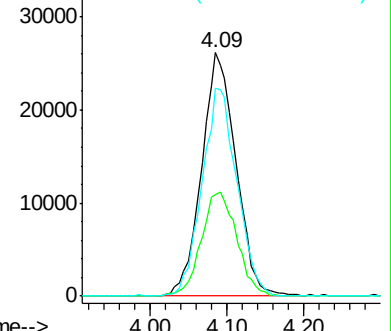
151 86.9 67.8 101.8

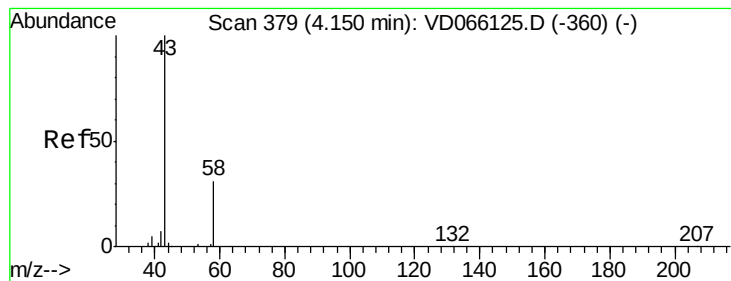


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VDC

Ion 150.80 (150.50 to 151.50): V





#16

Acetone

Concen: 23.213 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

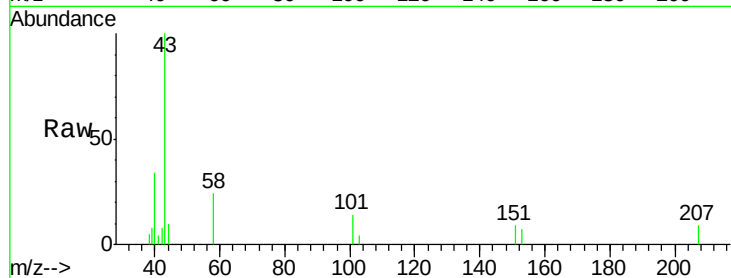
S604-M-SO-1-1.5-081320

Tot Ion: 43 Resp: 12202

Ion Ratio Lower Upper

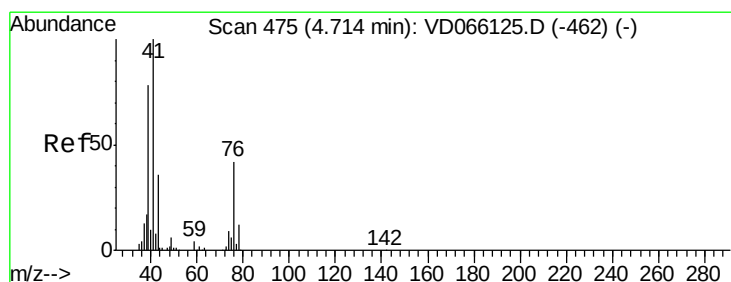
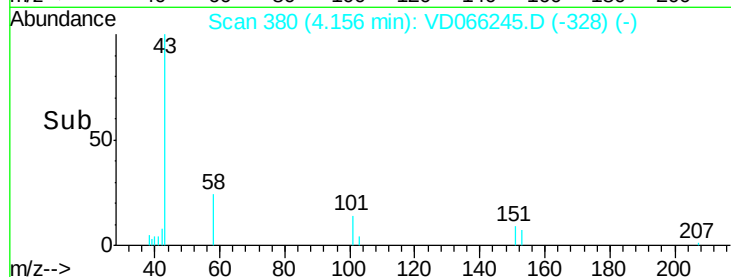
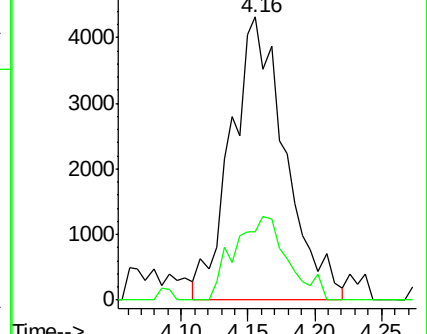
43 100

58 25.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: 4.190 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066245.D

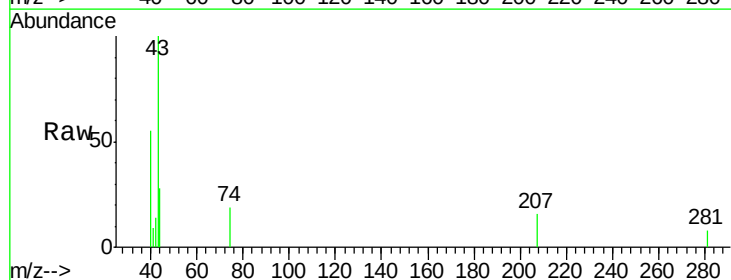
Acq: 14 Aug 2020 19:12

Tgt Ion: 43 Resp: 5594

Ion Ratio Lower Upper

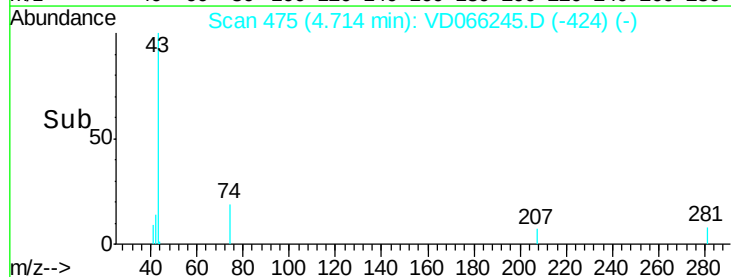
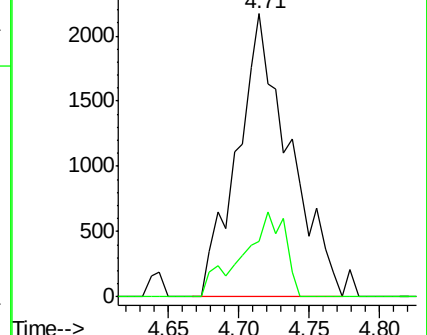
43 100

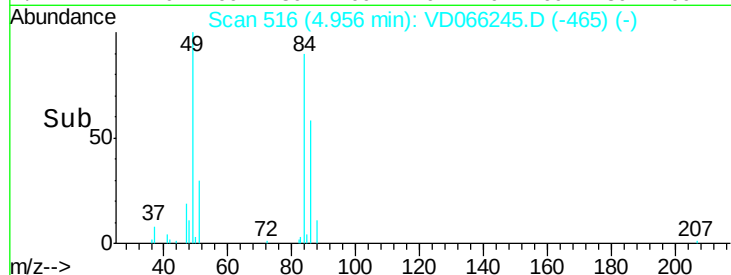
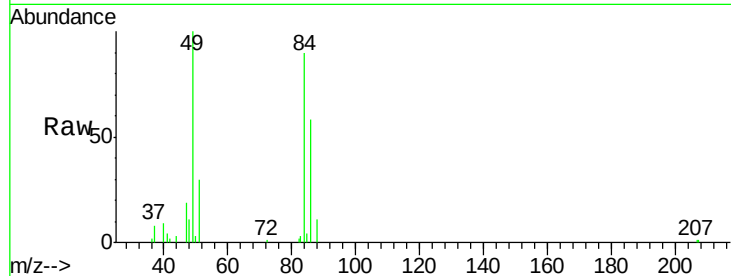
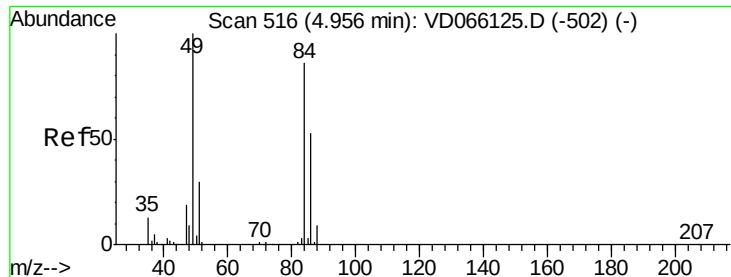
74 24.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

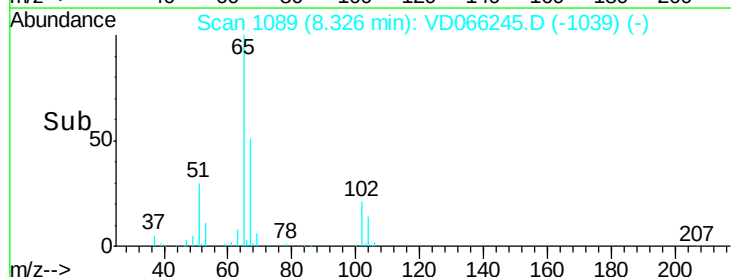
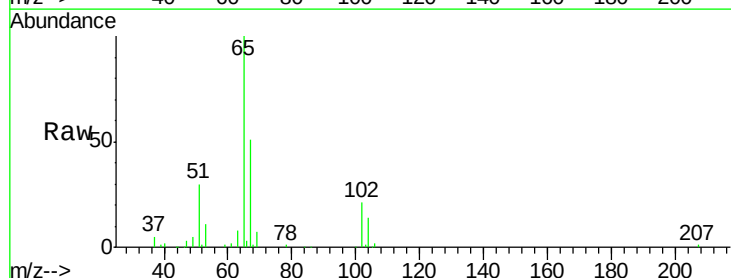
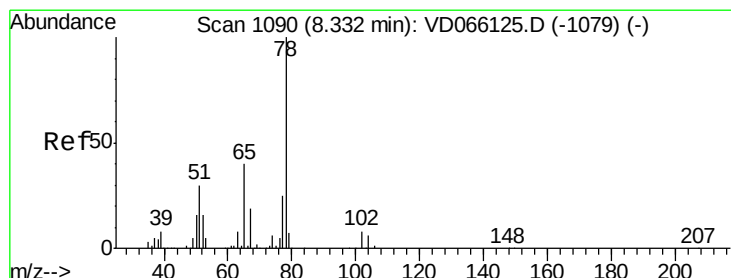
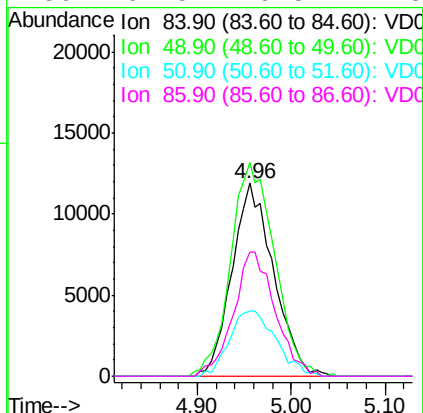




#20
Methylene Chloride
Concen: 8.146 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066245.D
Acq: 14 Aug 2020 19:12

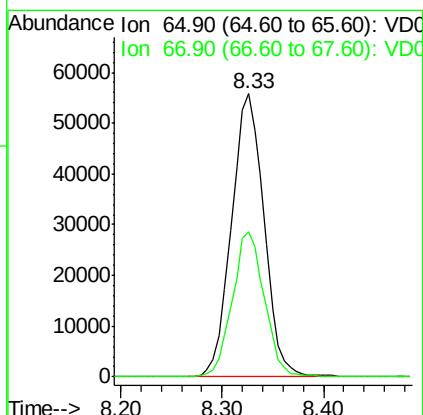
Instrument :
MSVOA_D
ClientSampleId :
S604-M-SO-1-1.5-081320

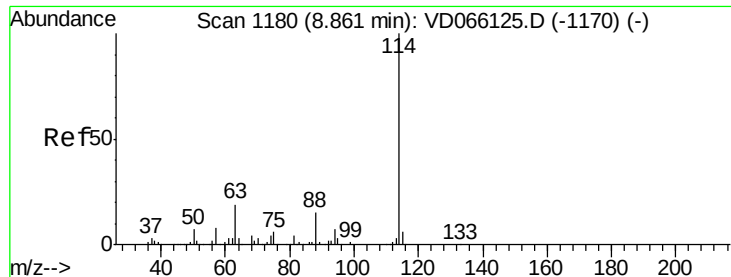
Tot Ion: 84 Resp: 36377
Ion Ratio Lower Upper
84 100
49 110.8 93.5 140.3
51 33.7 28.2 42.4
86 64.5 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 44.708 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066245.D
Acq: 14 Aug 2020 19:12

Tgt Ion: 65 Resp: 123856
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

S604-M-SO-1-1.5-081320

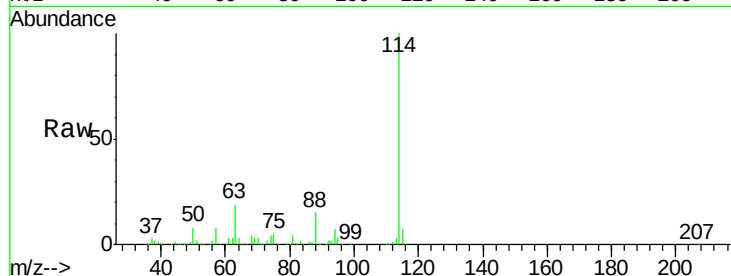
Tot Ion:114 Resp: 477735

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

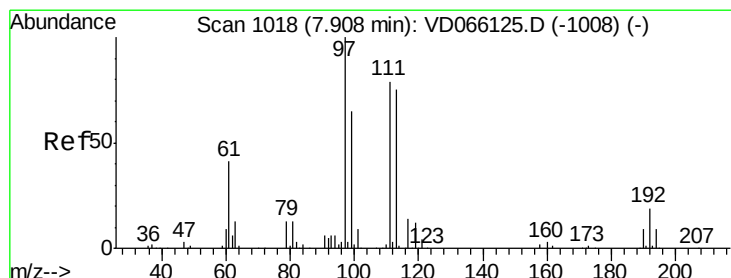
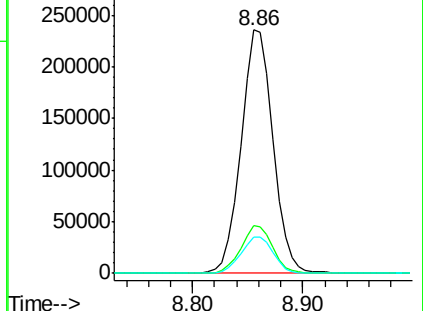
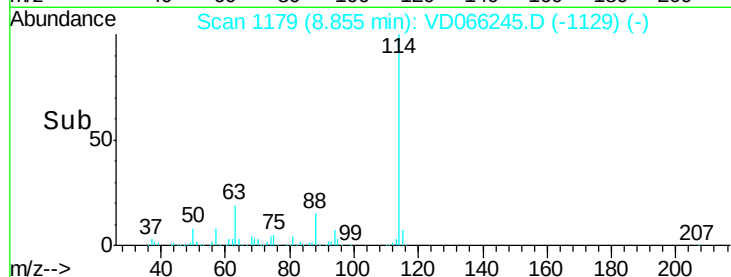
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.880 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

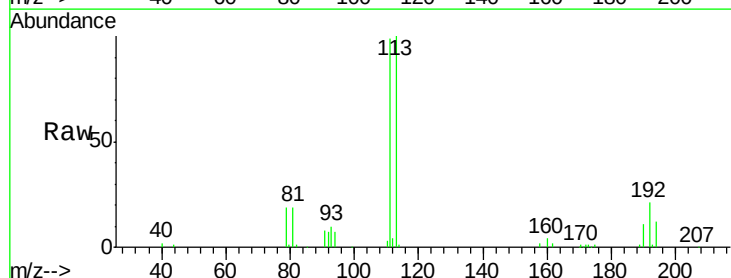
Tgt Ion:113 Resp: 144904

Ion Ratio Lower Upper

113 100

111 100.6 80.7 121.1

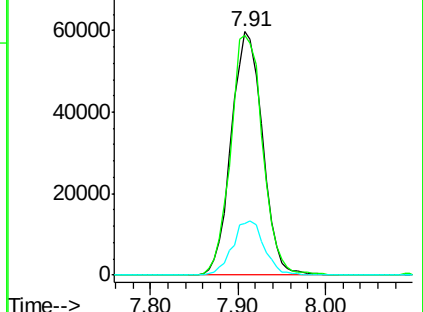
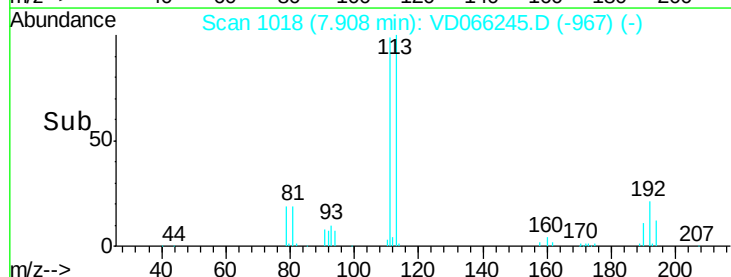
192 22.4 18.4 27.6

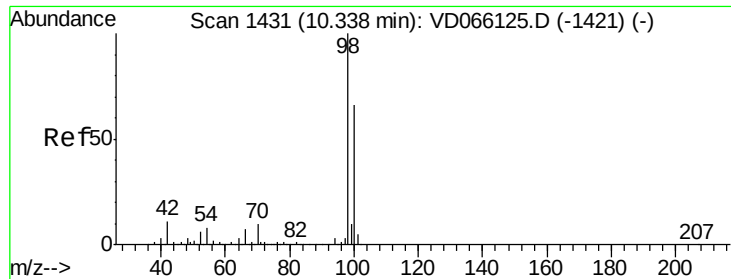


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.104 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_D

ClientSampleId :

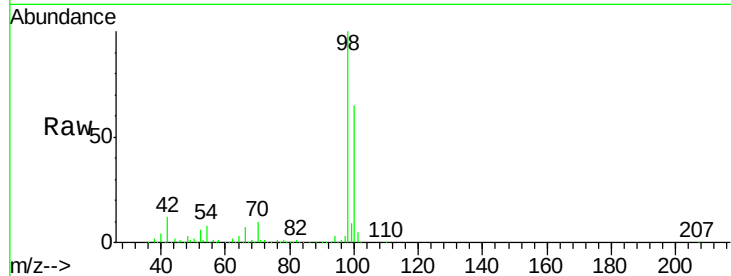
S604-M-SO-1-1.5-081320

Tot Ion: 98 Resp: 593074

Ion Ratio Lower Upper

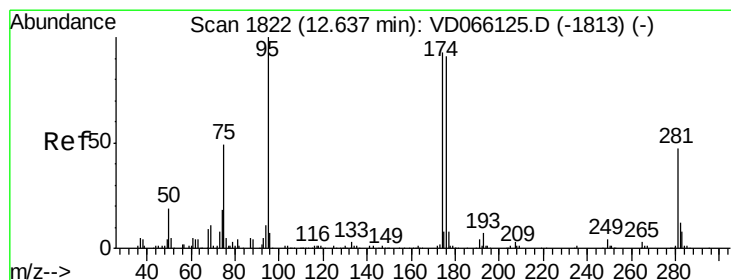
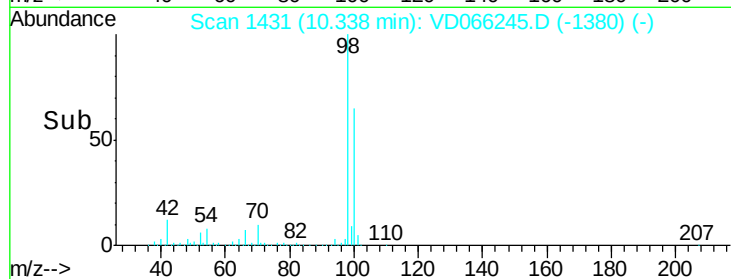
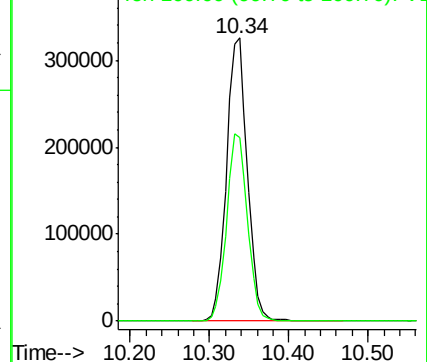
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 75.046 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066245.D

Acq: 14 Aug 2020 19:12

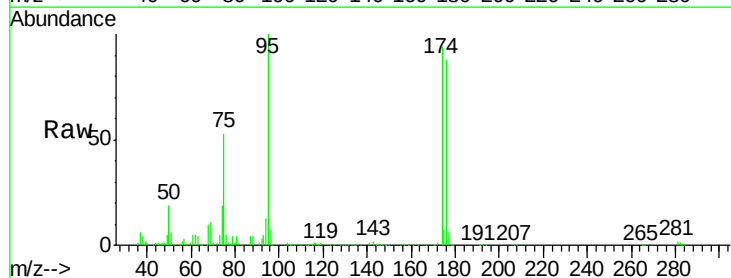
Tgt Ion: 95 Resp: 302113

Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.8

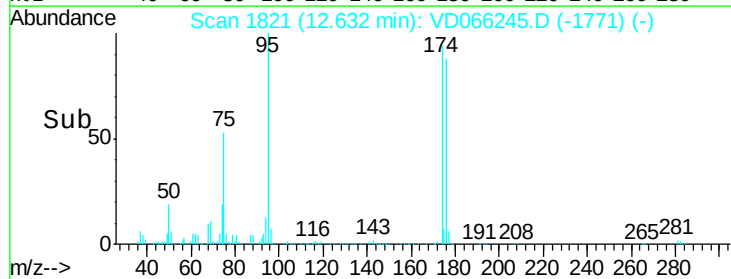
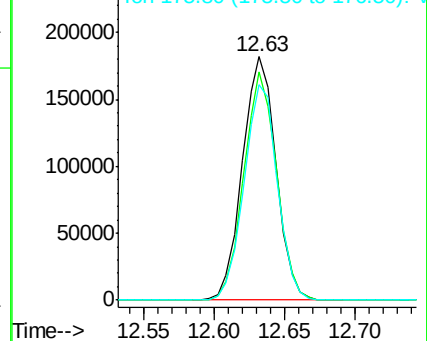
176 87.7 0.0 181.2

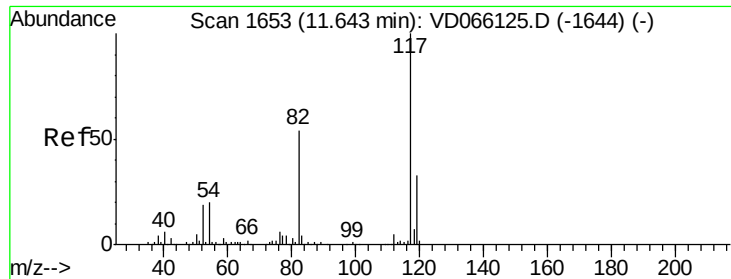


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

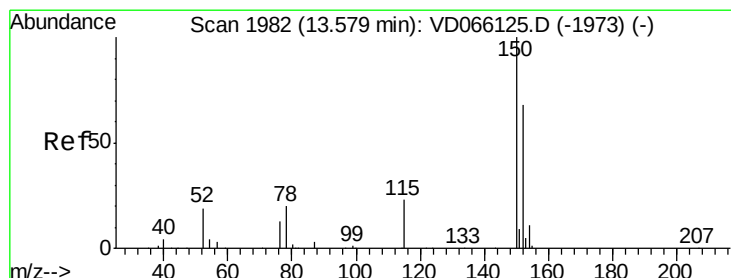
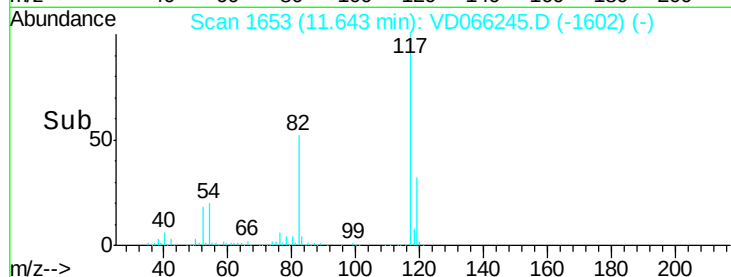
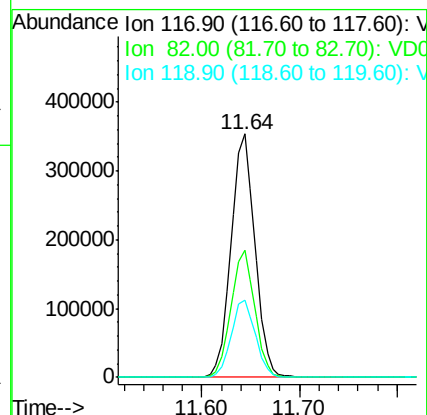
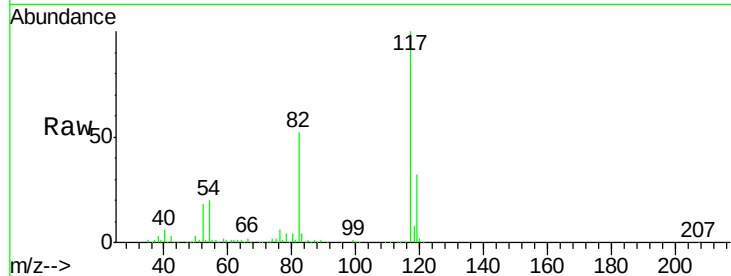




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066245.D
Acq: 14 Aug 2020 19:12

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S604-M-SO-1-1.5-081320

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	31.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066245.D
Acq: 14 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	83.9
150	155.1	0.0	346.4

