

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066241.D
 Acq On : 14 Aug 2020 17:21
 Operator : VA/SY
 Sample : L3679-11
 Misc : 9.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S411-K-SO-1-1.5-081220

Quant Time: Aug 17 08:46:39 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

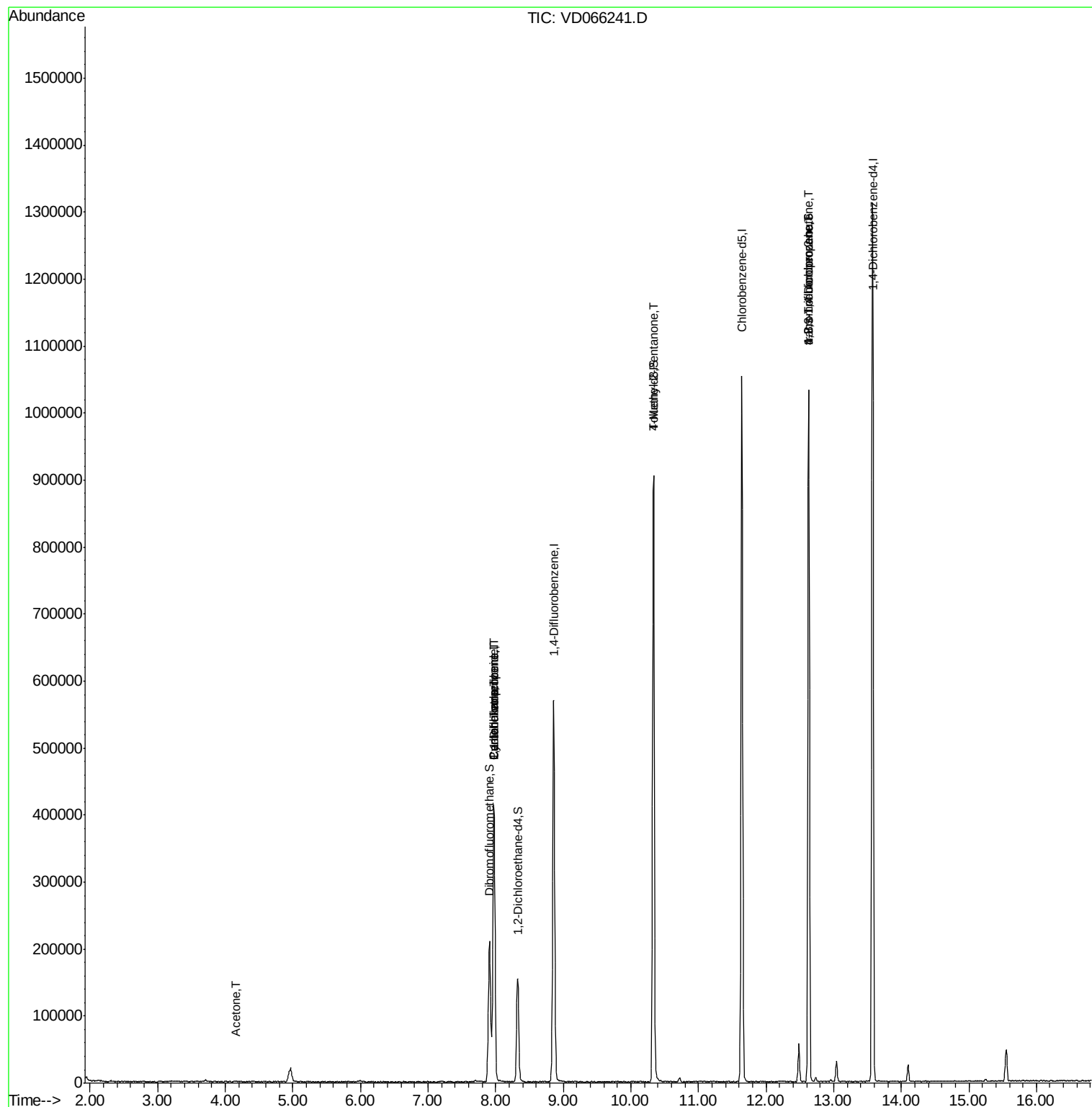
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	323794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	499923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	627142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	129426	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	7.91	113	148980	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.34	98	618392	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.63	95	319965	75.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.90%	
Target Compounds						
16) Acetone	4.16	43	1561	2.848	ug/l	90
31) Cyclohexane	7.97	56	6380	1.261	ug/l #	30
36) 1,1-Dichloropropene	7.98	75	22295	4.746	ug/l #	53
38) Carbon Tetrachloride	7.97	117	31000	5.917	ug/l #	13
51) 4-Methyl-2-Pentanone	10.33	43	2757	1.464	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	163090	52.545	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	163090	116.154	ug/l #	13

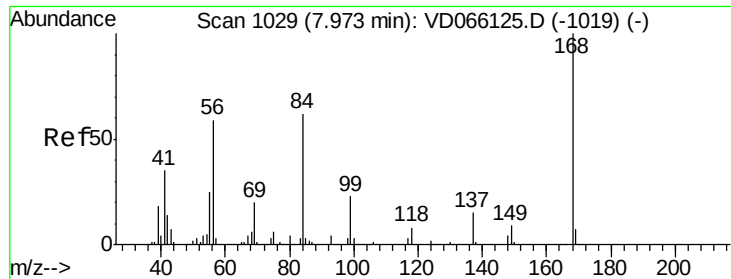
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066241.D

Acq: 14 Aug 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

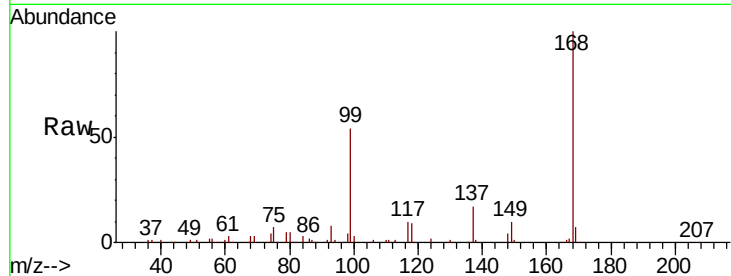
S411-K-SO-1-1.5-081220

Tot Ion:168 Resp: 323794

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

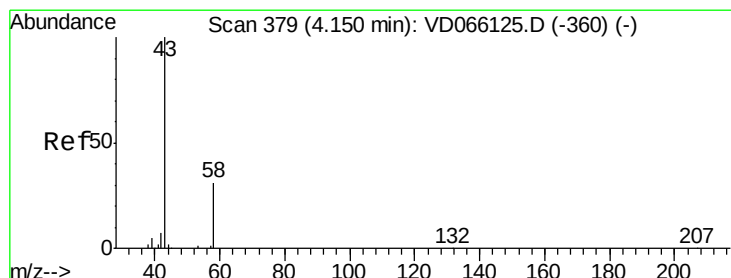
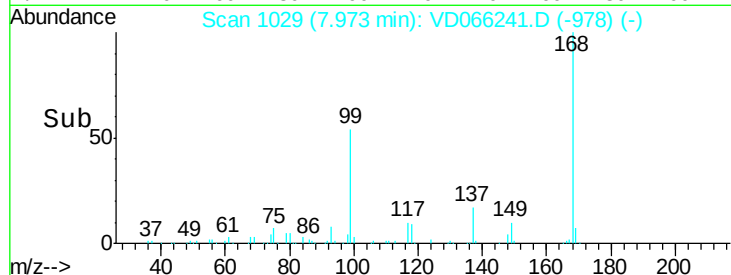
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.848 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066241.D

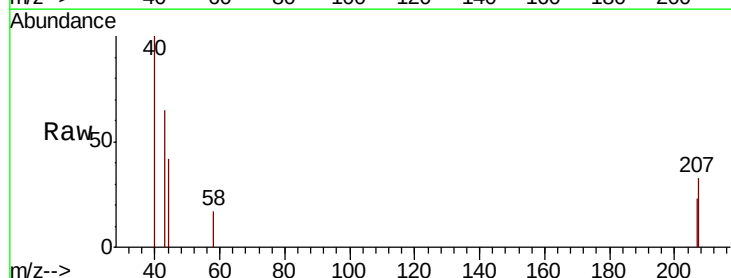
Acq: 14 Aug 2020 17:21

Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 25.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

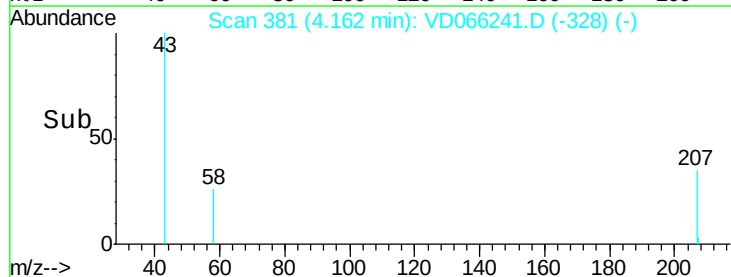
600

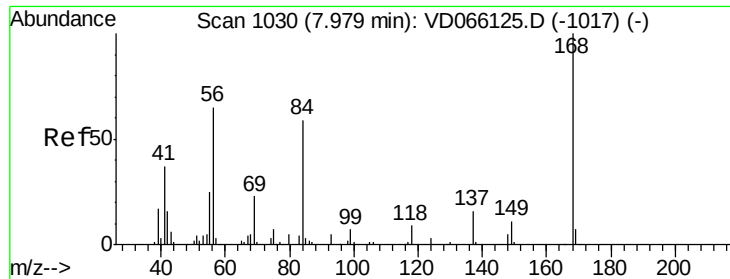
400

200

0

Time-->

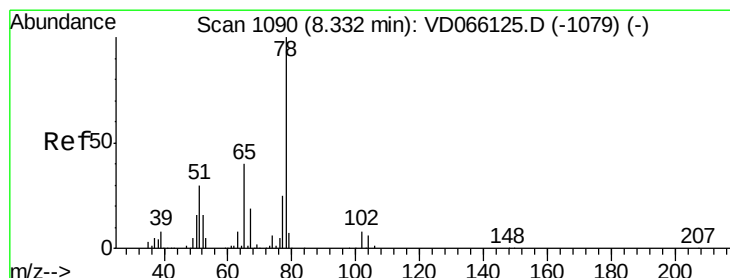
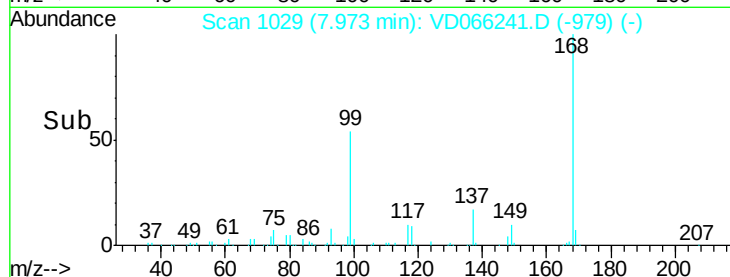
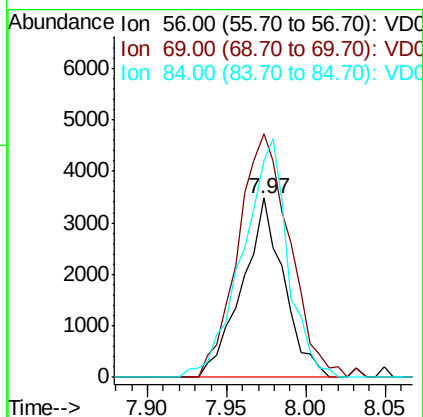
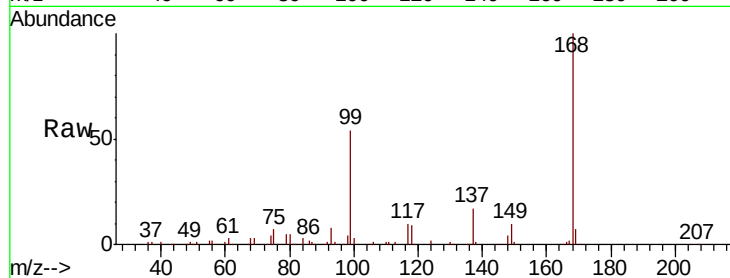




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

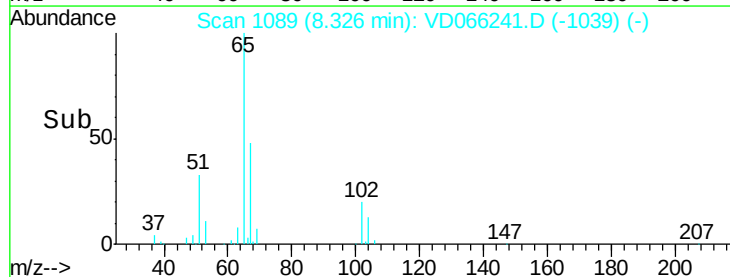
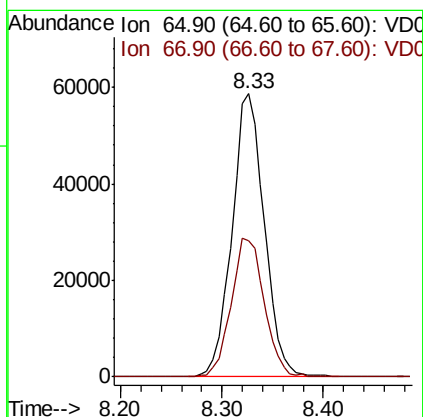
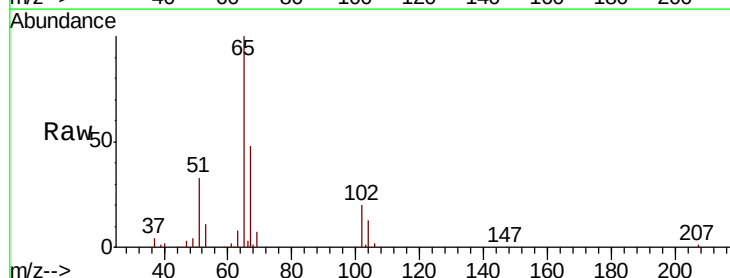
Instrument :
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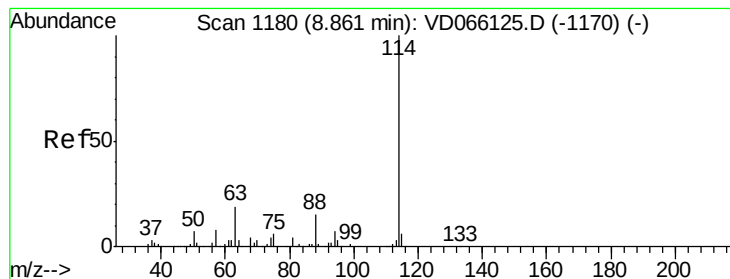
Tot Ion: 56 Resp: 6380
Ion Ratio Lower Upper
56 100
69 135.8 28.8 43.2#
84 120.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 44.804 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

Tgt Ion: 65 Resp: 129426
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066241.D

Acq: 14 Aug 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

S411-K-SO-1-1.5-081220

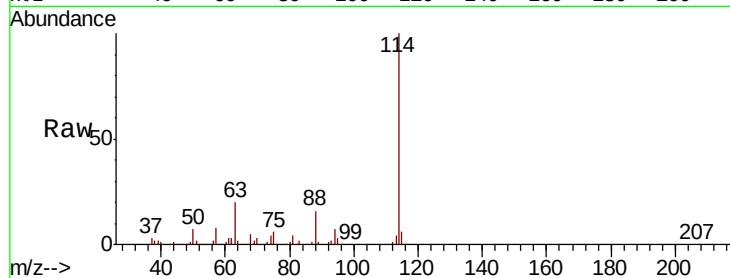
Tot Ion:114 Resp: 499923

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

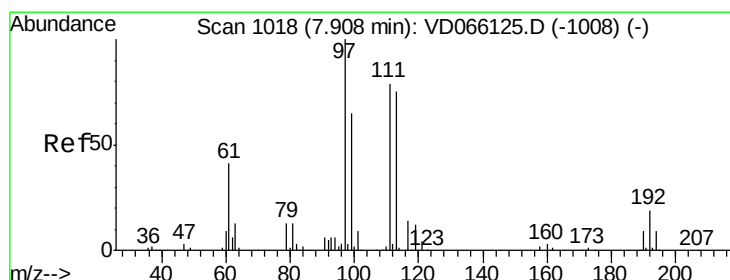
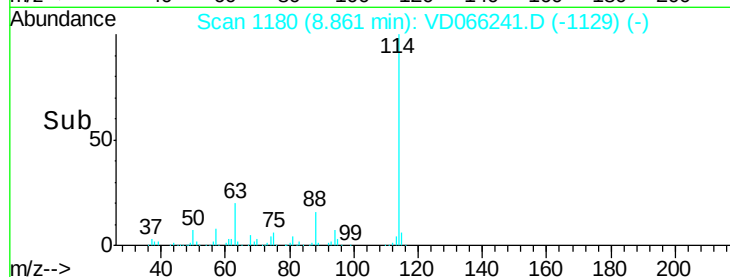
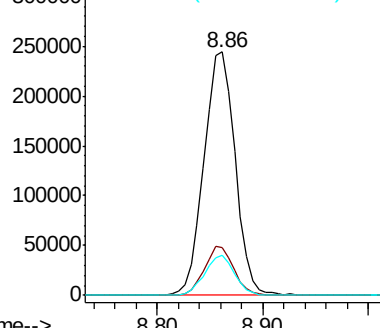
88 16.4 0.0 30.0



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: 47.042 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066241.D

Acq: 14 Aug 2020 17:21

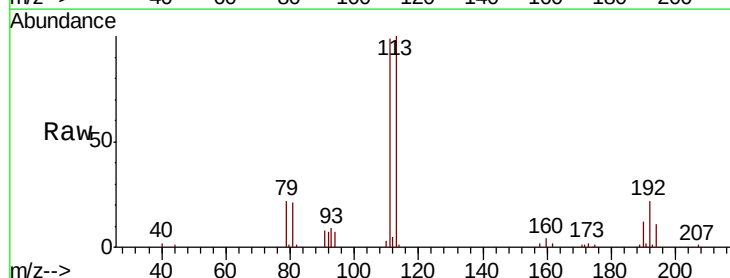
Tgt Ion:113 Resp: 148980

Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

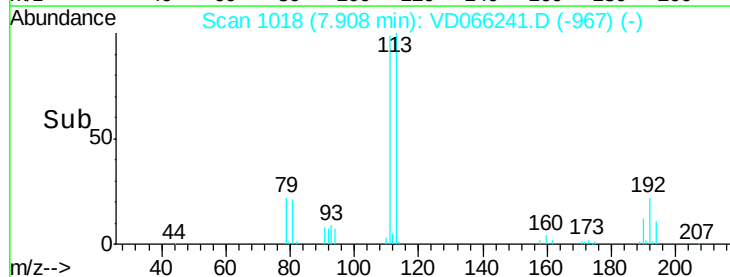
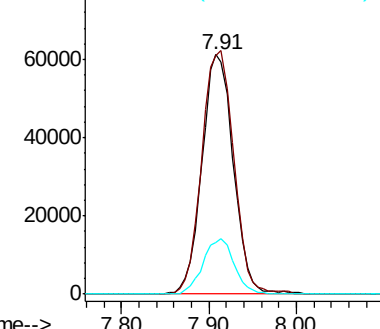
192 23.0 18.4 27.6

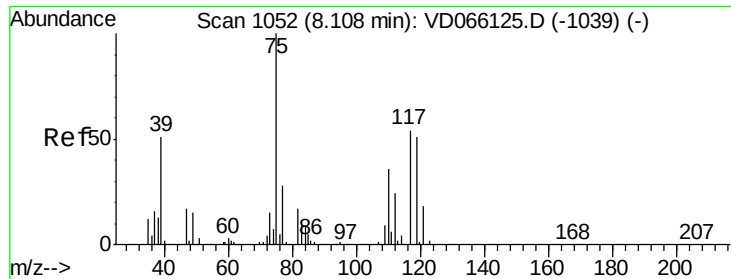


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

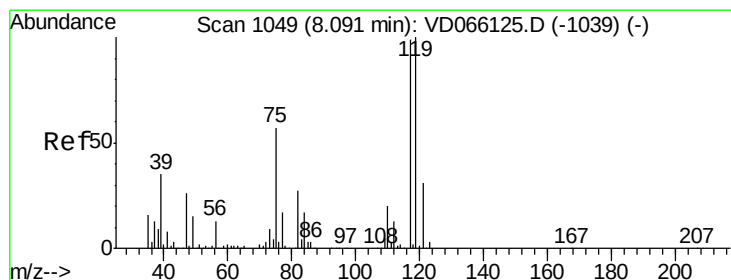
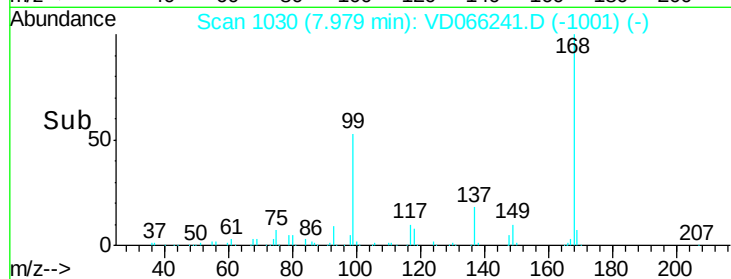
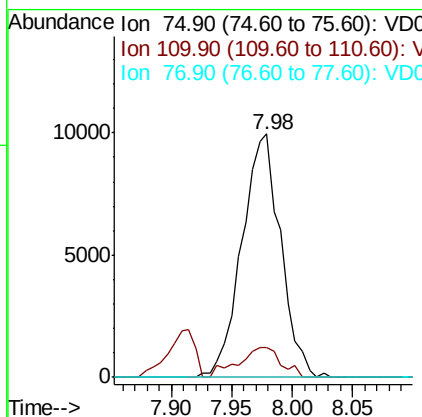
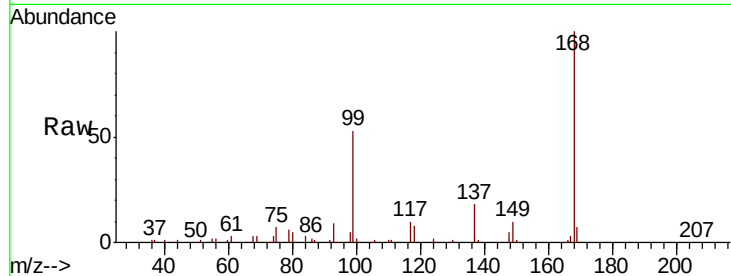




#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066241.D
 Acq: 14 Aug 2020 17:21

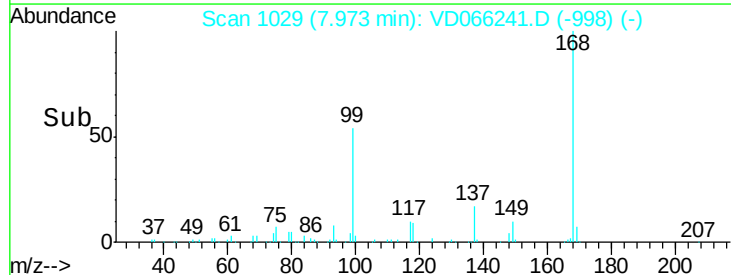
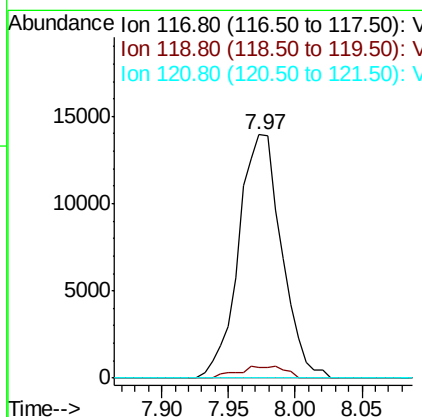
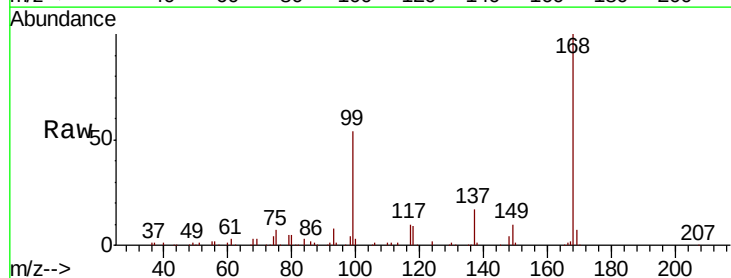
Instrument :
 MSVOA_D
 ClientSampleId :
 S411-K-SO-1-1.5-081220

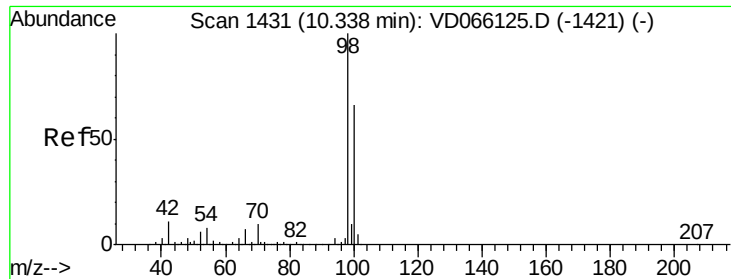
Tot Ion	75	Resp	22295
Ion Ratio	Lower	Upper	
75	100		
110	13.6	18.8	56.3#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 5.917 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066241.D
 Acq: 14 Aug 2020 17:21

Tgt Ion	117	Resp	31000
Ion Ratio	Lower	Upper	
117	100		
119	4.3	81.0	121.4#
121	0.0	24.8	37.2#

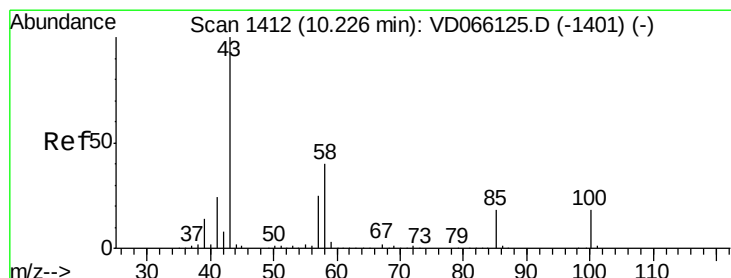
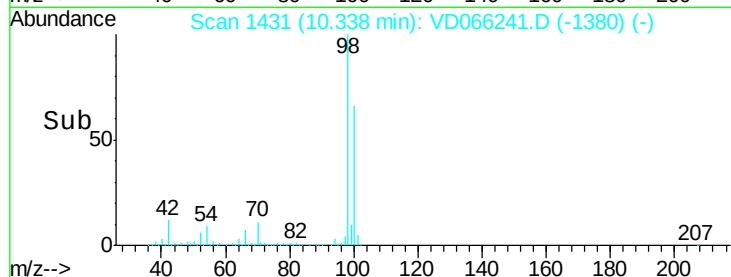
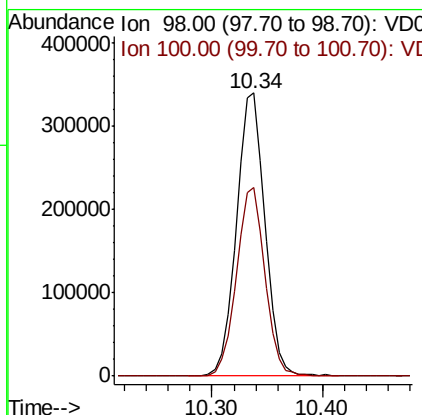
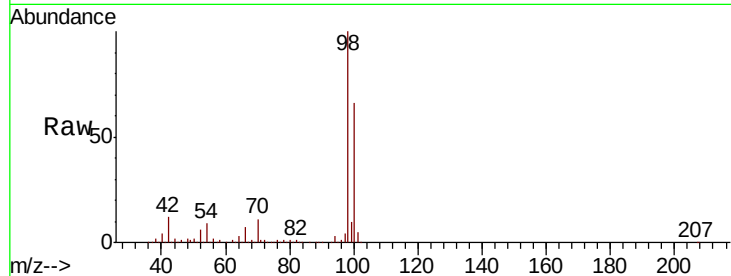




#50
Toluene-d8
Concen: 52.913 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

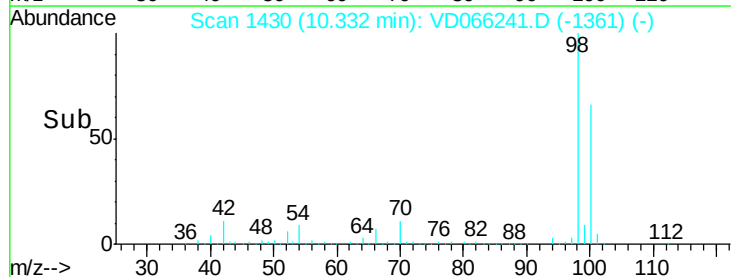
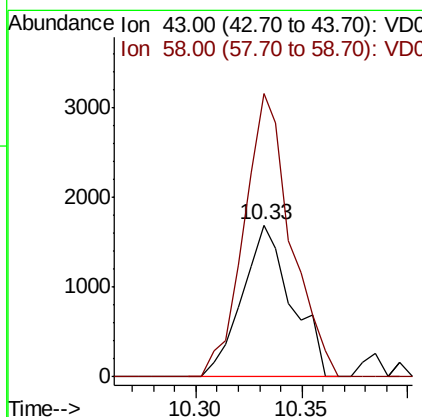
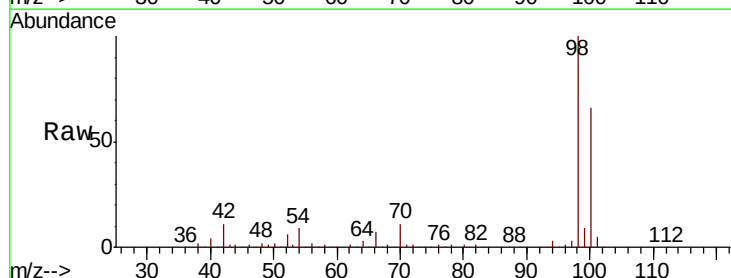
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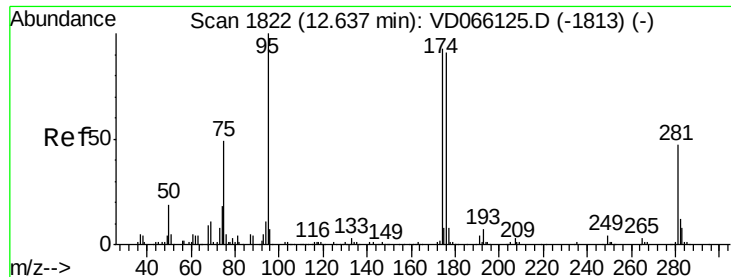
Tot Ion: 98 Resp: 618392
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.464 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
58 177.8 31.1 46.7#

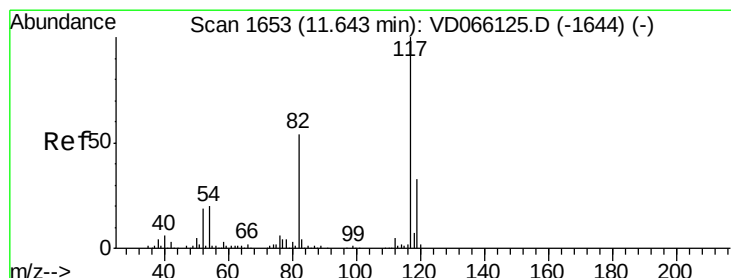
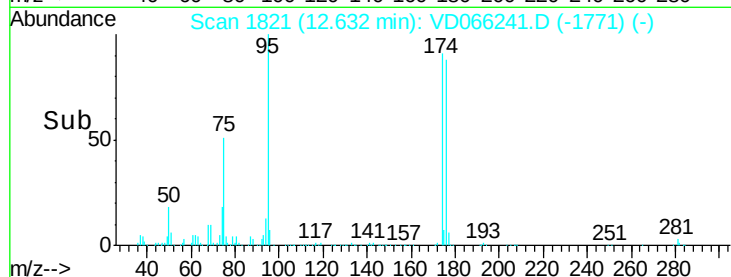
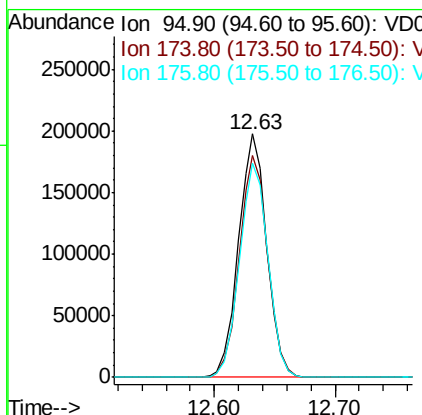
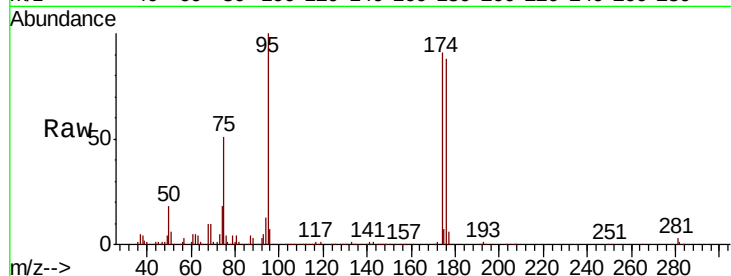




#62
4-Bromofluorobenzene
Concen: 75.953 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

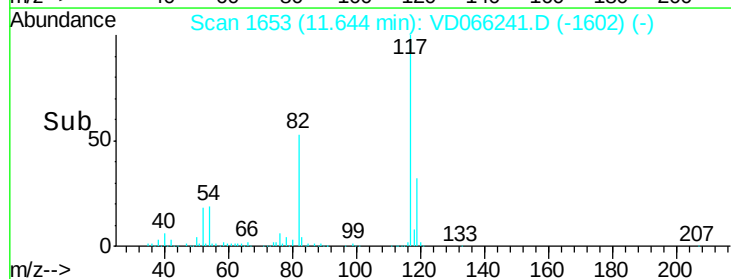
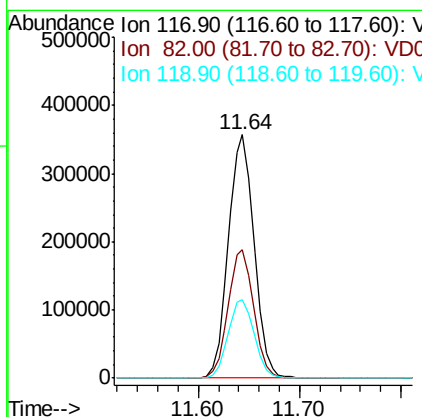
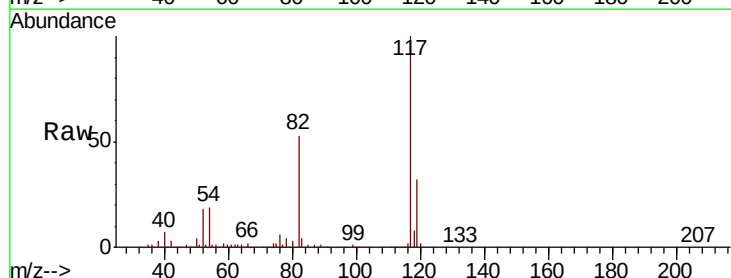
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S411-K-SO-1-1.5-081220

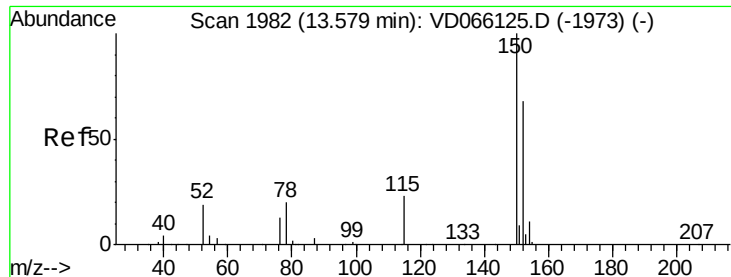
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	180.8
176	89.3	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066241.D
Acq: 14 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.4	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: VD066241.D

Acq: 14 Aug 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

S411-K-SO-1-1.5-081220

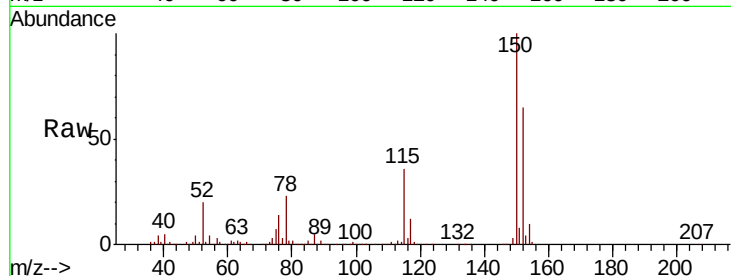
Tot Ion:152 Resp: 372190

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

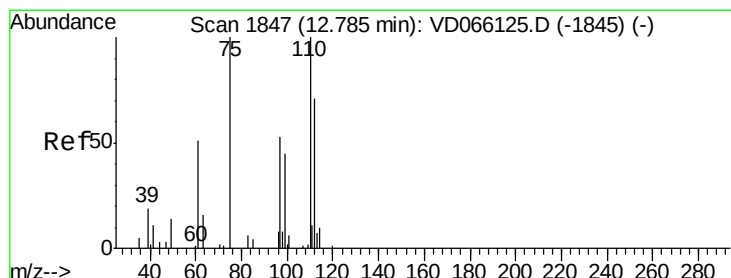
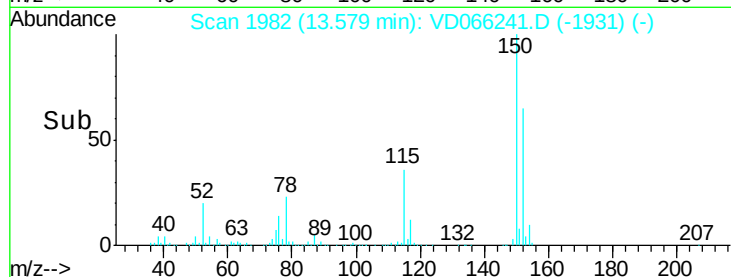
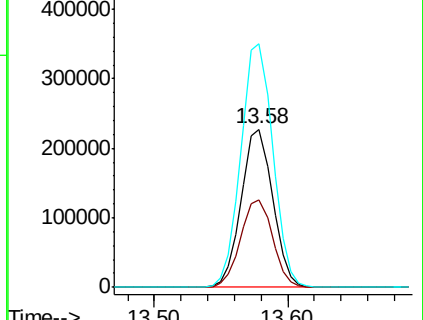
150 156.3 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 52.545 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066241.D

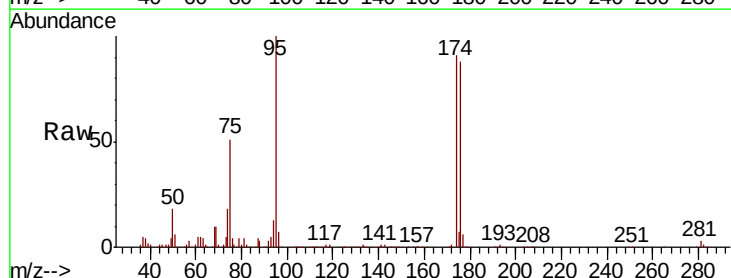
Acq: 14 Aug 2020 17:21

Tgt Ion: 75 Resp: 163090

Ion Ratio Lower Upper

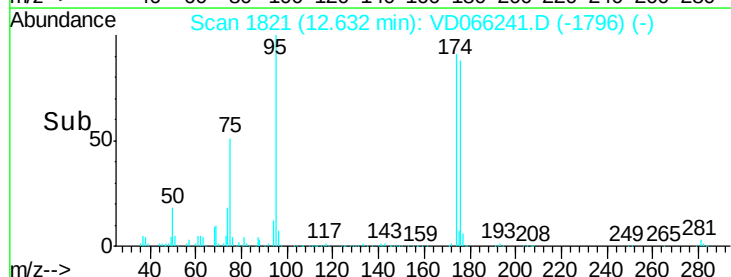
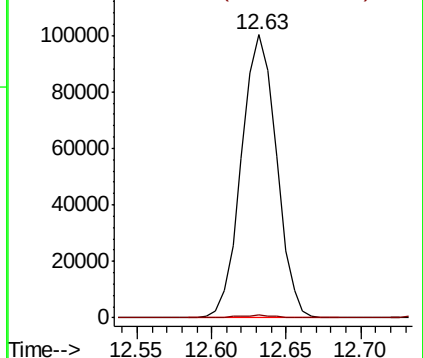
75 100

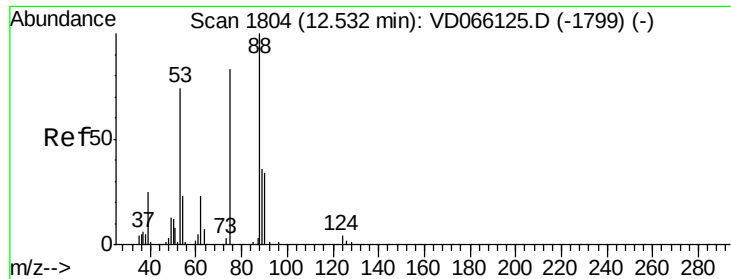
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.154 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066241.D
 Acq: 14 Aug 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 S411-K-SO-1-1.5-081220

Tot Ion: 75 Resp: 163090
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.0 36.6 55.0#

