

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066707.D
 Acq On : 15 Sep 2020 20:16
 Operator : VA/SY
 Sample : L3871-07
 Misc : 8.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091420

Quant Time: Sep 16 01:46:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

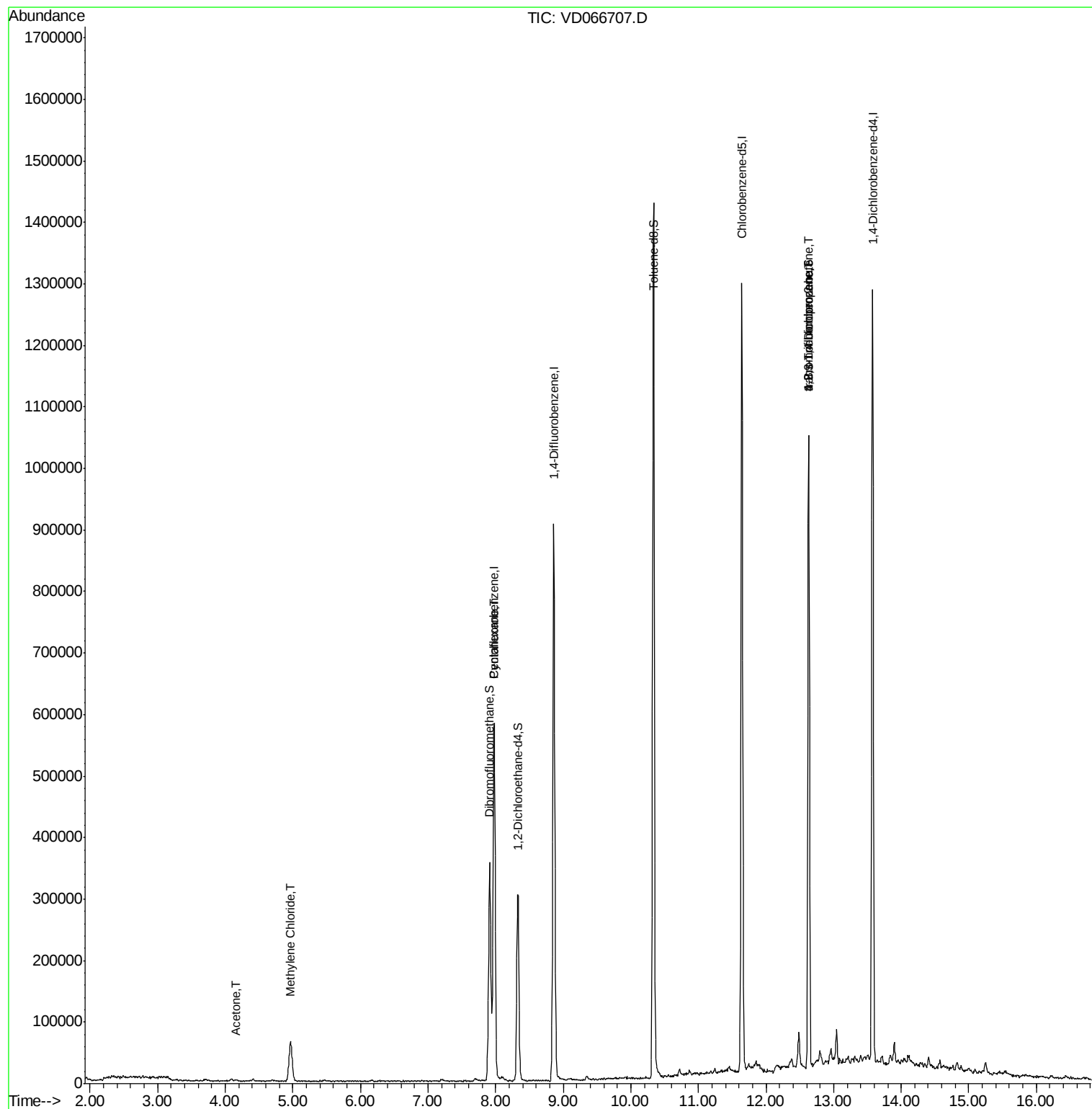
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	729758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248729	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	7.91	113	243954	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.34	98	930561	58.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.76%	
62) 4-Bromofluorobenzene	12.63	95	327190	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	766	Below Cal	#	43
16) Acetone	4.17	43	3942	4.509	ug/l #	76
18) Methyl Acetate	4.71	43	66	Below Cal	#	52
20) Methylene Chloride	4.97	84	49174	3.637	ug/l	96
31) Cyclohexane	7.97	56	11933	1.574	ug/l #	36
76) 1,2,3-Trichloropropane	12.63	75	182298	68.089	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	182298	146.948	ug/l #	9

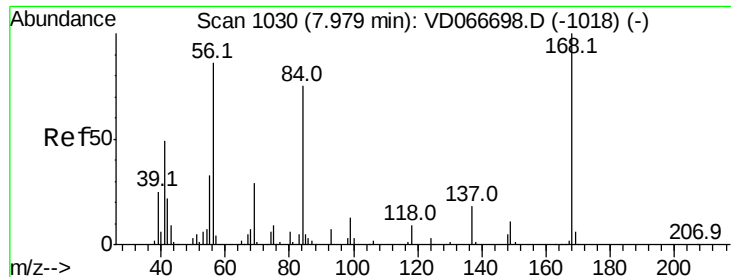
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

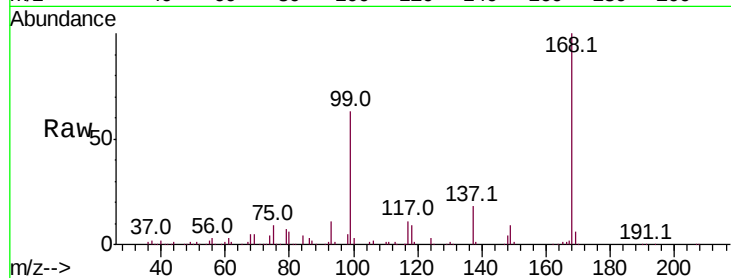
TR-04-091420

Tot Ion:168 Resp: 402385

Ion Ratio Lower Upper

168 100

99 62.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

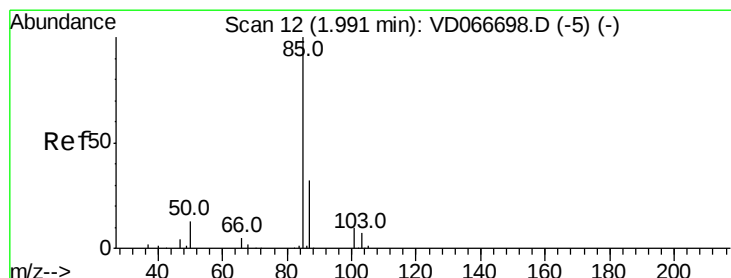
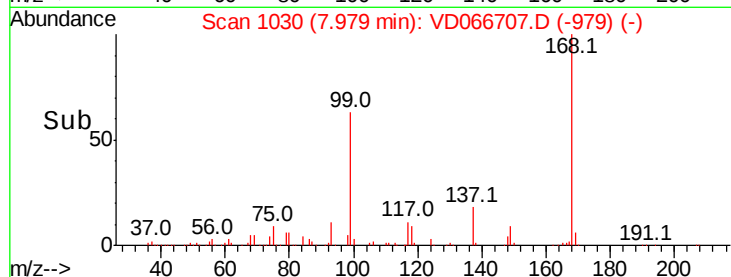
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066707.D

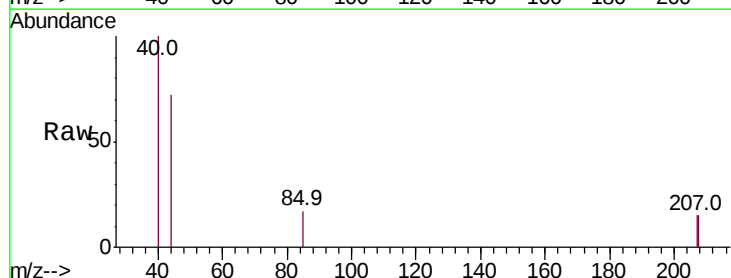
Acq: 15 Sep 2020 20:16

Tgt Ion: 85 Resp: 766

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

600

500

400

300

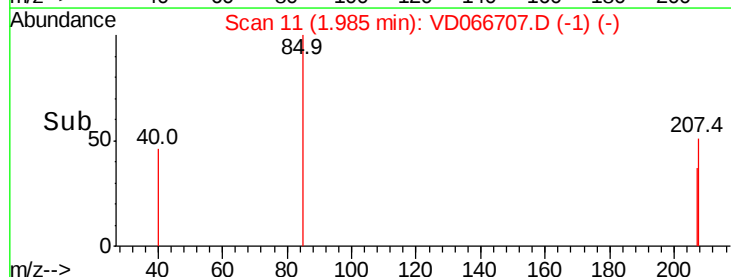
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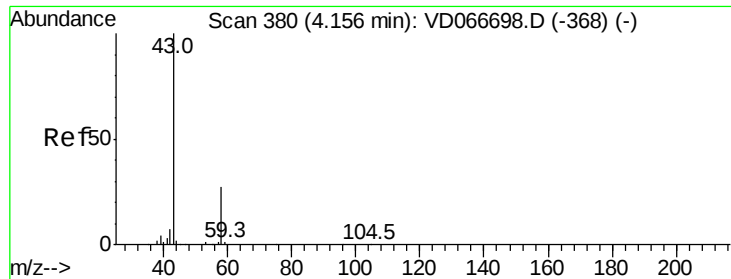
100

0

Time-->

1.94 1.96 1.98 2.00 2.02





#16

Acetone

Concen: 4.509 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

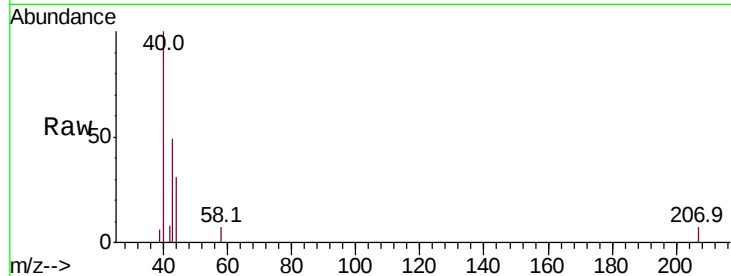
TR-04-091420

Tot Ion: 43 Resp: 3942

Ion Ratio Lower Upper

43 100

58 14.9 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

1500

1000

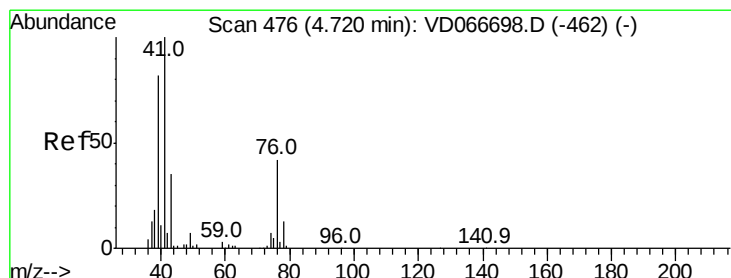
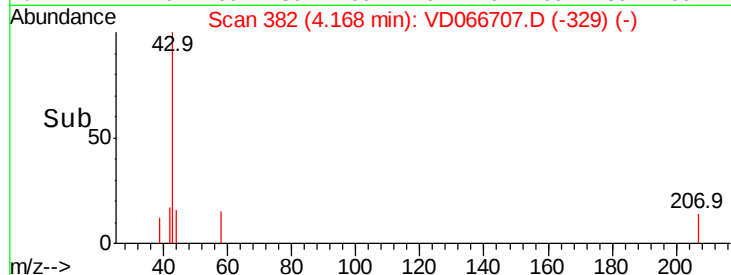
500

0

4.05 4.10 4.15 4.20 4.25

4.17

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066707.D

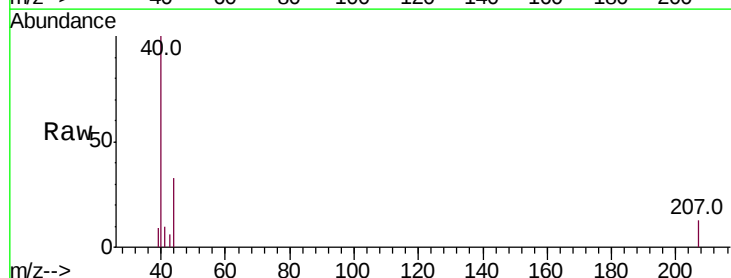
Acq: 15 Sep 2020 20:16

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

200

150

100

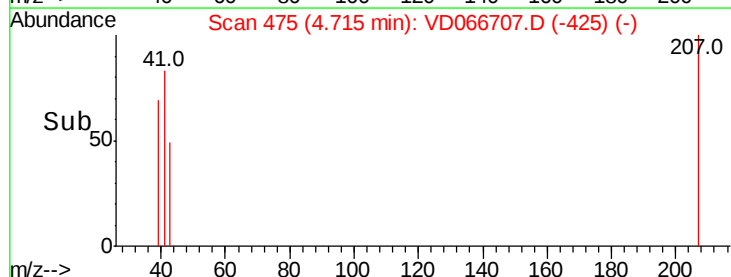
50

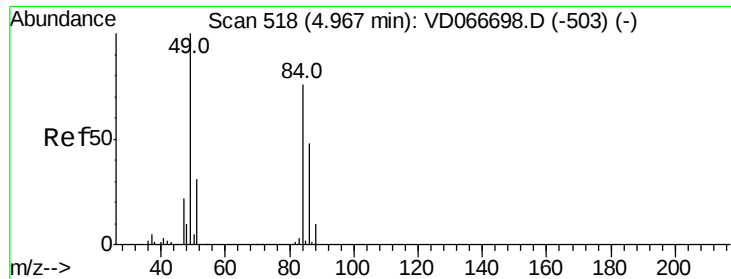
0

4.70 4.71 4.72 4.73

4.71

Time-->

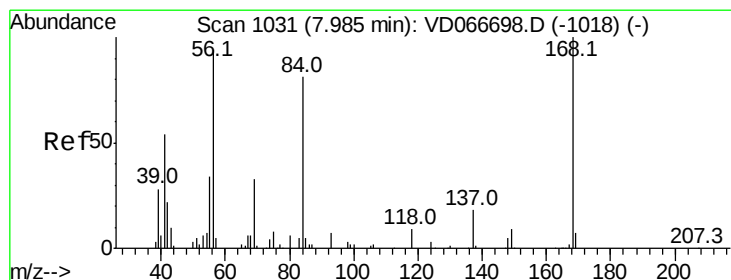
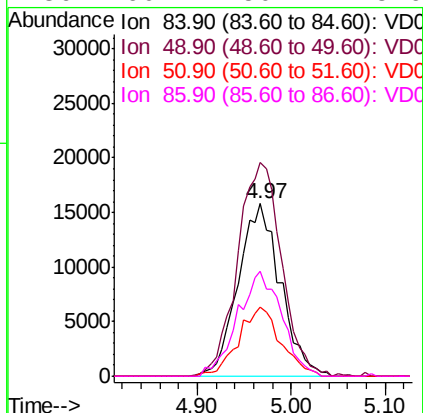
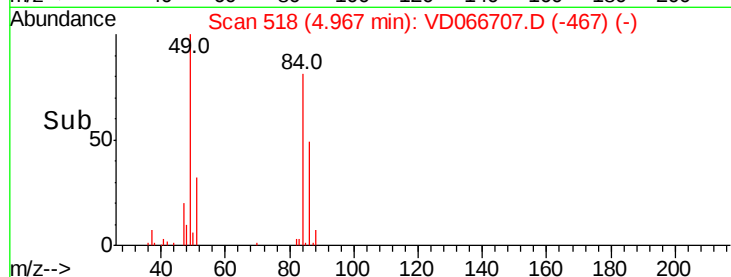
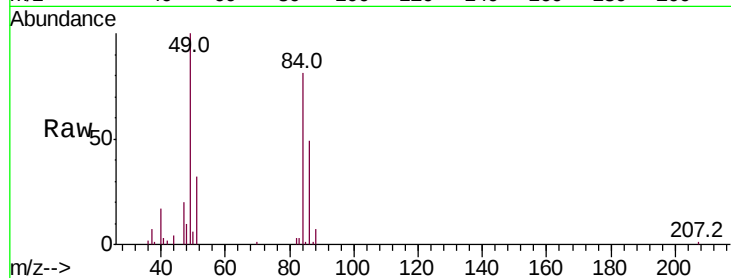




#20
Methvlene Chloride
Concen: 3.637 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

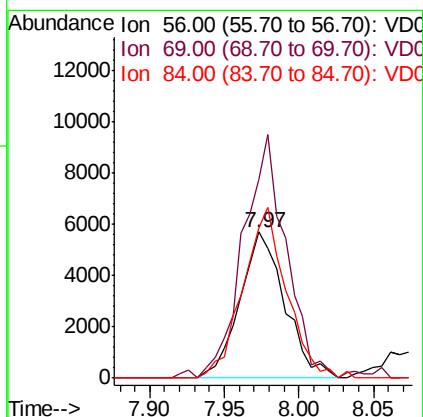
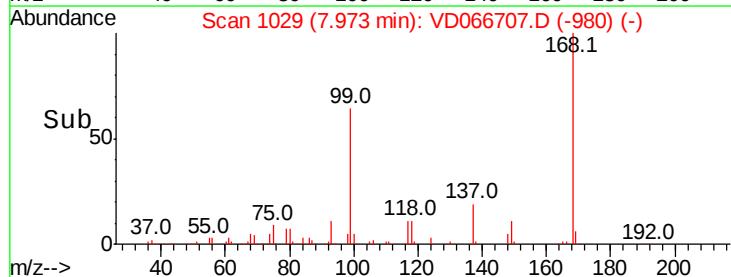
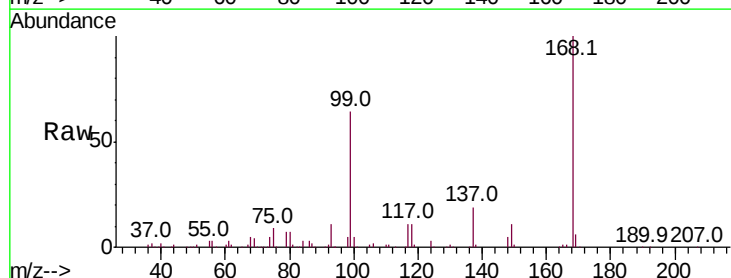
Instrument :
MSVOA_D
ClientSampleId :
TR-04-091420

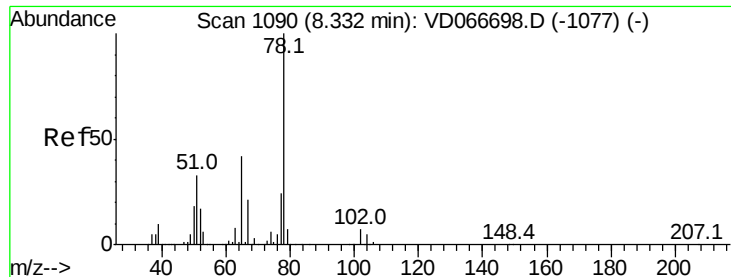
Tot Ion:	84	Resp:	49174
Ion	Ratio	Lower	Upper
84	100		
49	124.0	105.0	157.6
51	39.9	32.2	48.4
86	60.7	50.4	75.6



#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

Tgt Ion:	56	Resp:	11933
Ion	Ratio	Lower	Upper
56	100		
69	136.1	27.7	41.5#
84	102.7	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 57.936 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

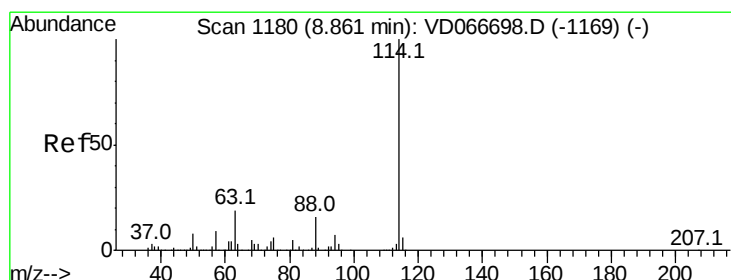
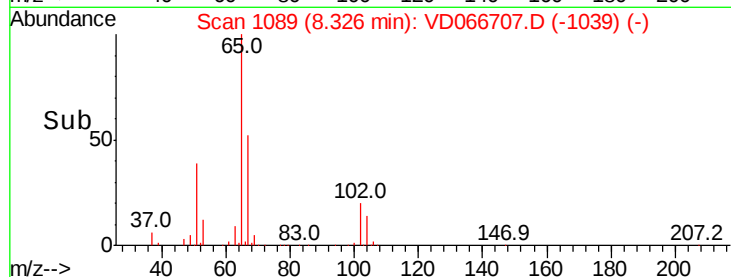
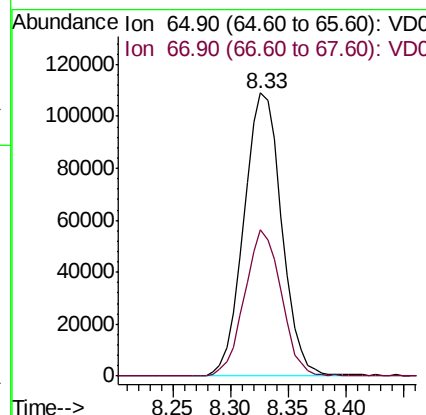
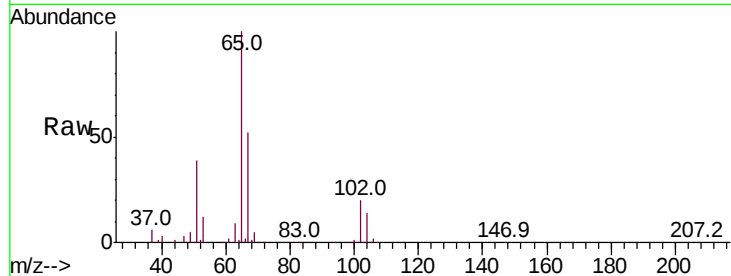
Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
TR-04-091420

Tot Ion: 65 Resp: 248729

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

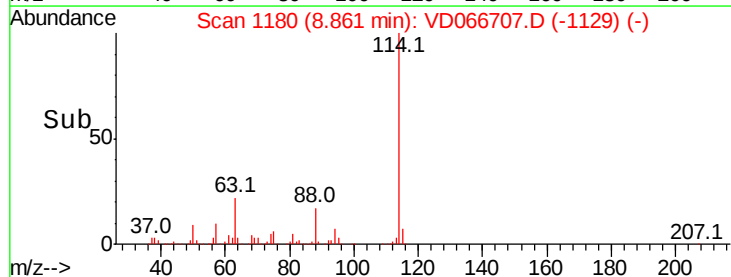
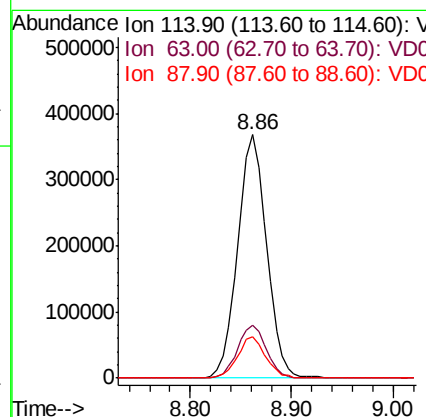
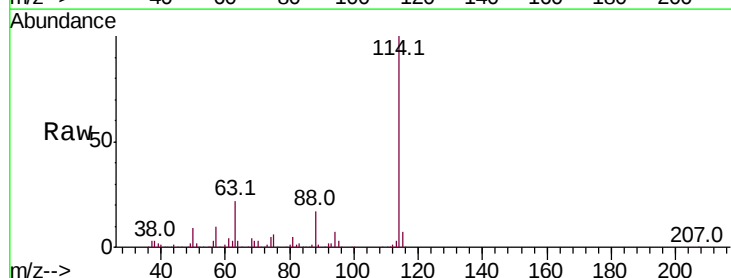
Delta R.T. 0.00 min

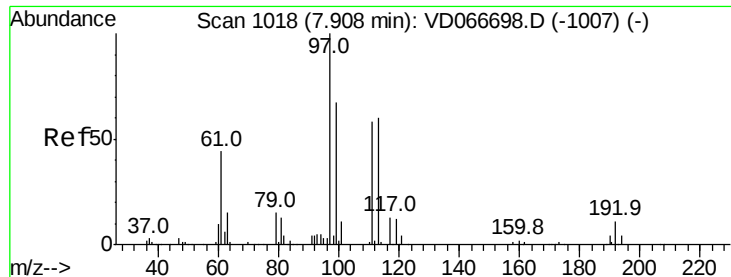
Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Tgt Ion: 114 Resp: 729758

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	37.6
88	17.0	0.0	32.2

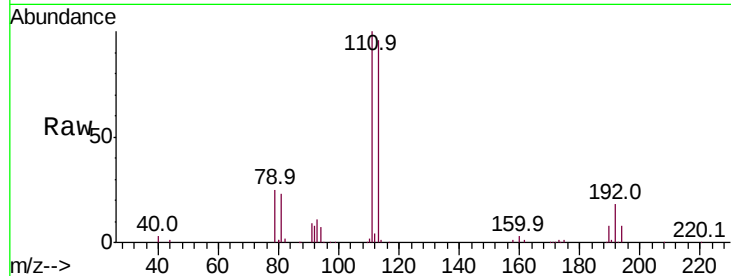




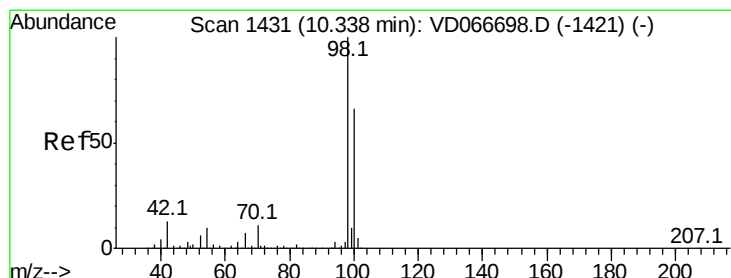
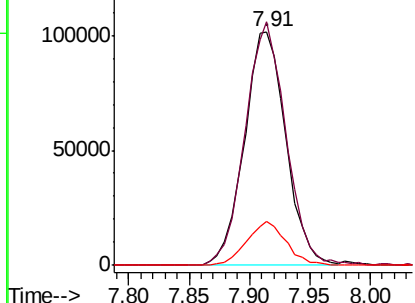
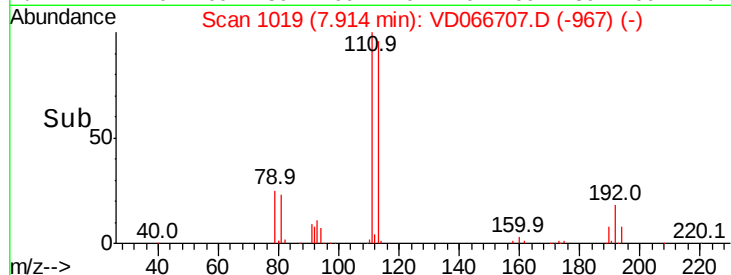
#35
 Dibromofluoromethane
 Concen: 54.526 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066707.D
 Acq: 15 Sep 2020 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091420

Tot Ion:113 Resp: 243954
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.2 124.8
 192 17.8 14.8 22.2

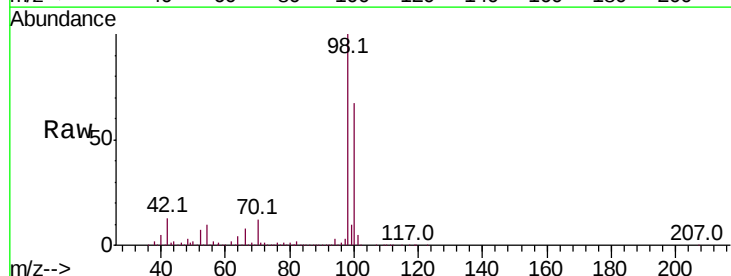


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

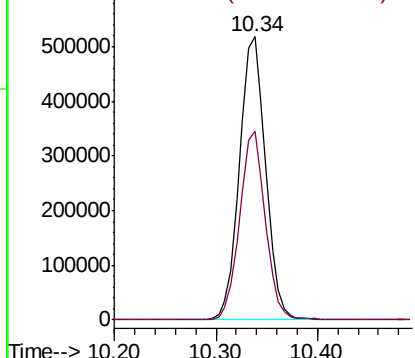
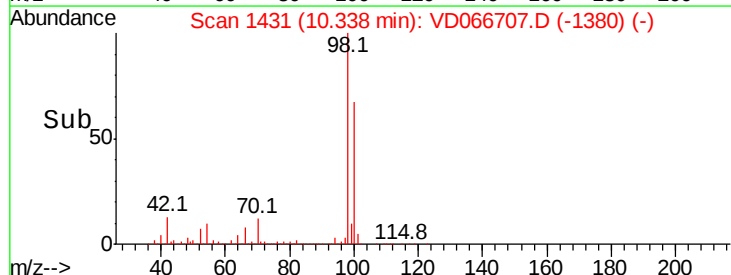


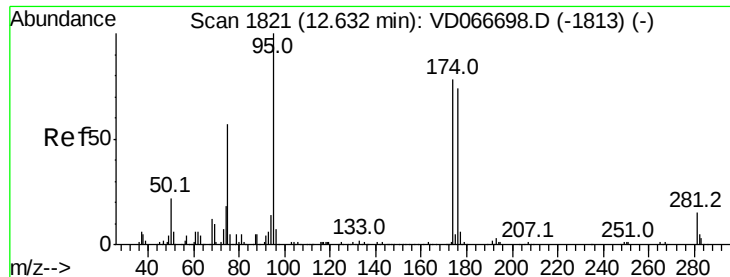
#50
 Toluene-d8
 Concen: 58.378 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066707.D
 Acq: 15 Sep 2020 20:16

Tgt Ion: 98 Resp: 930561
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD

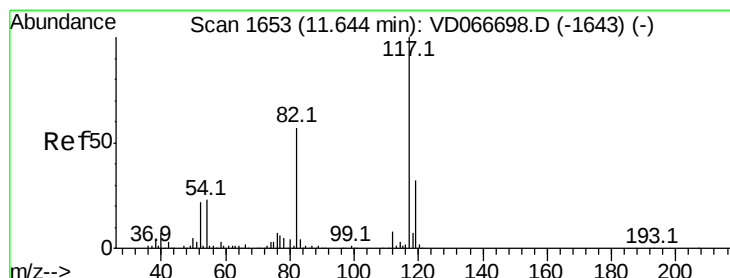
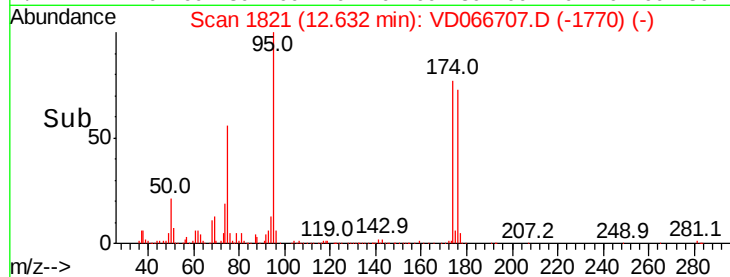
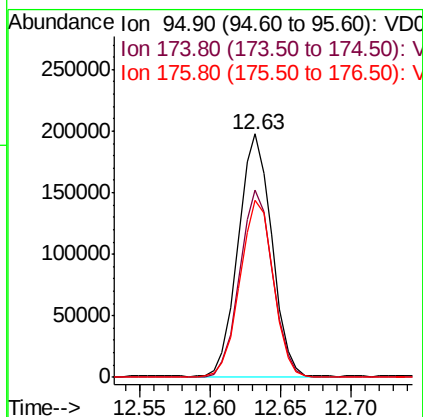
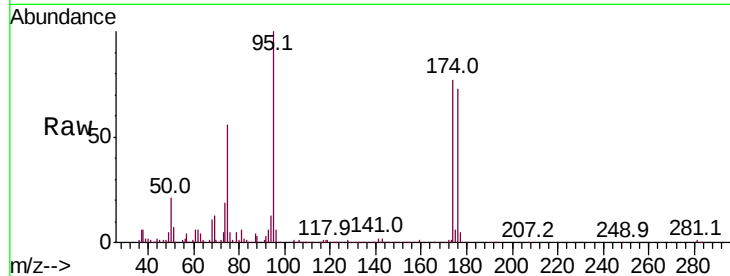




#62
4-Bromofluorobenzene
Concen: 59.464 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

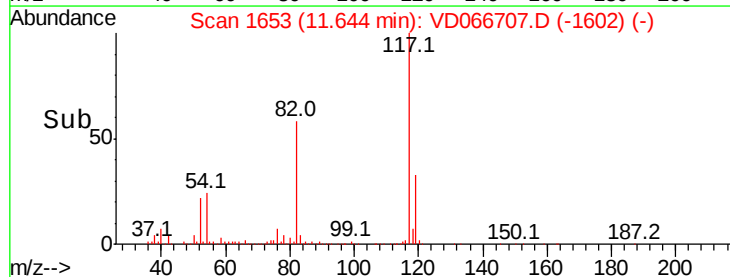
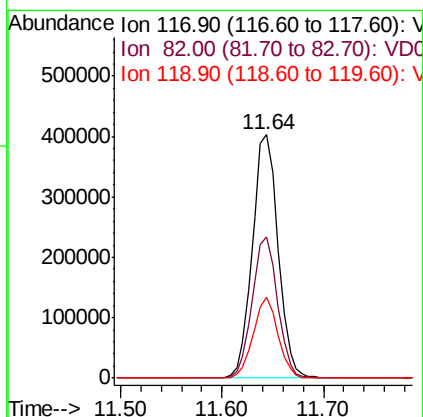
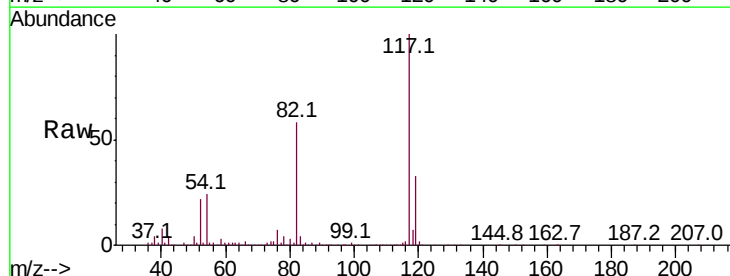
Instrument :
MSVOA_D
ClientSampleId :
TR-04-091420

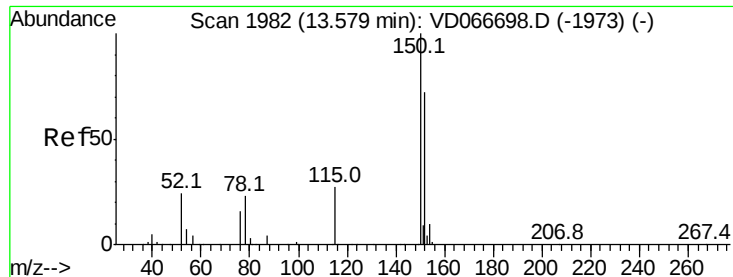
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	156.6
176	72.6	0.0	150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.0
119	33.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

TR-04-091420

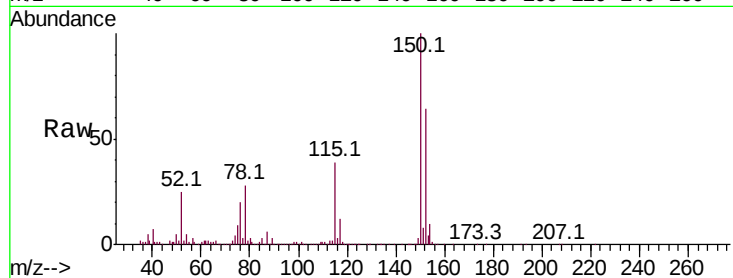
Tot Ion:152 Resp: 312788

Ion Ratio Lower Upper

152 100

115 63.3 30.5 91.5

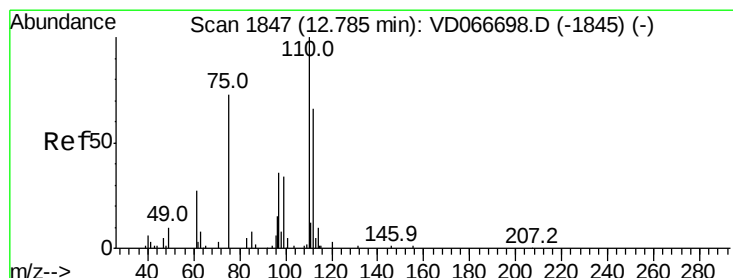
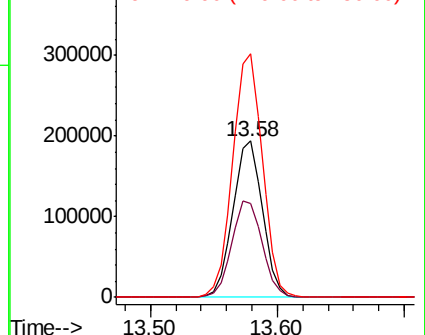
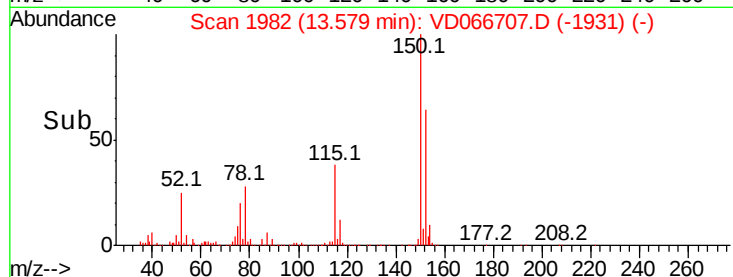
150 156.9 0.0 344.6



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: 68.089 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066707.D

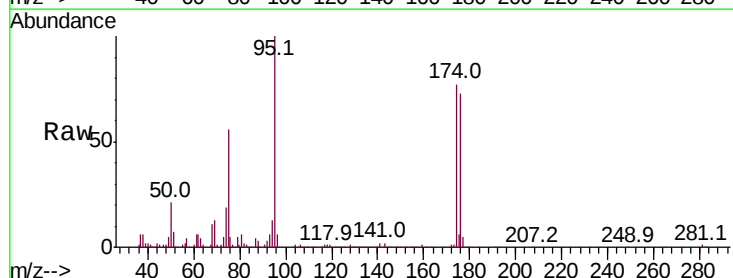
Acq: 15 Sep 2020 20:16

Tgt Ion: 75 Resp: 182298

Ion Ratio Lower Upper

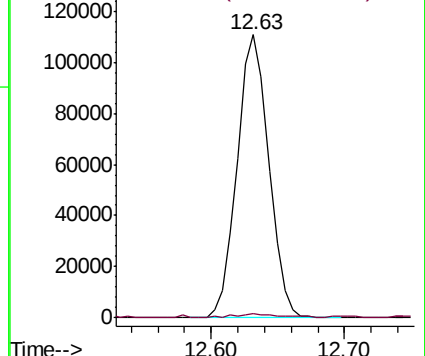
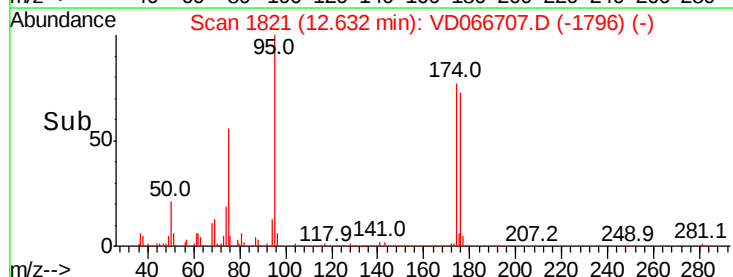
75 100

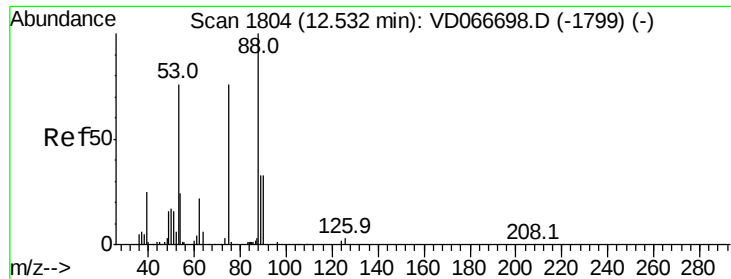
77 1.2 0.0 0.0#



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: 146.948 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

TR-04-091420

Tot Ion: 75 Resp: 182298

Ion Ratio Lower Upper

75 100

53 0.4 82.2 123.4#

89 0.2 39.6 59.4#

