

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066708.D
 Acq On : 15 Sep 2020 20:43
 Operator : VA/SY
 Sample : L3861-01
 Misc : 6.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-091420

Quant Time: Sep 16 01:46:50 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	382668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	722990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	698382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	314822	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	260869	63.89	ug/l	0.00
Spiked Amount			Recovery	=	127.78%	
35) Dibromofluoromethane	7.91	113	249215	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
50) Toluene-d8	10.34	98	915567	57.98	ug/l	0.00
Spiked Amount			Recovery	=	115.96%	
62) 4-Bromofluorobenzene	12.63	95	313193	57.45	ug/l	0.00
Spiked Amount			Recovery	=	114.90%	

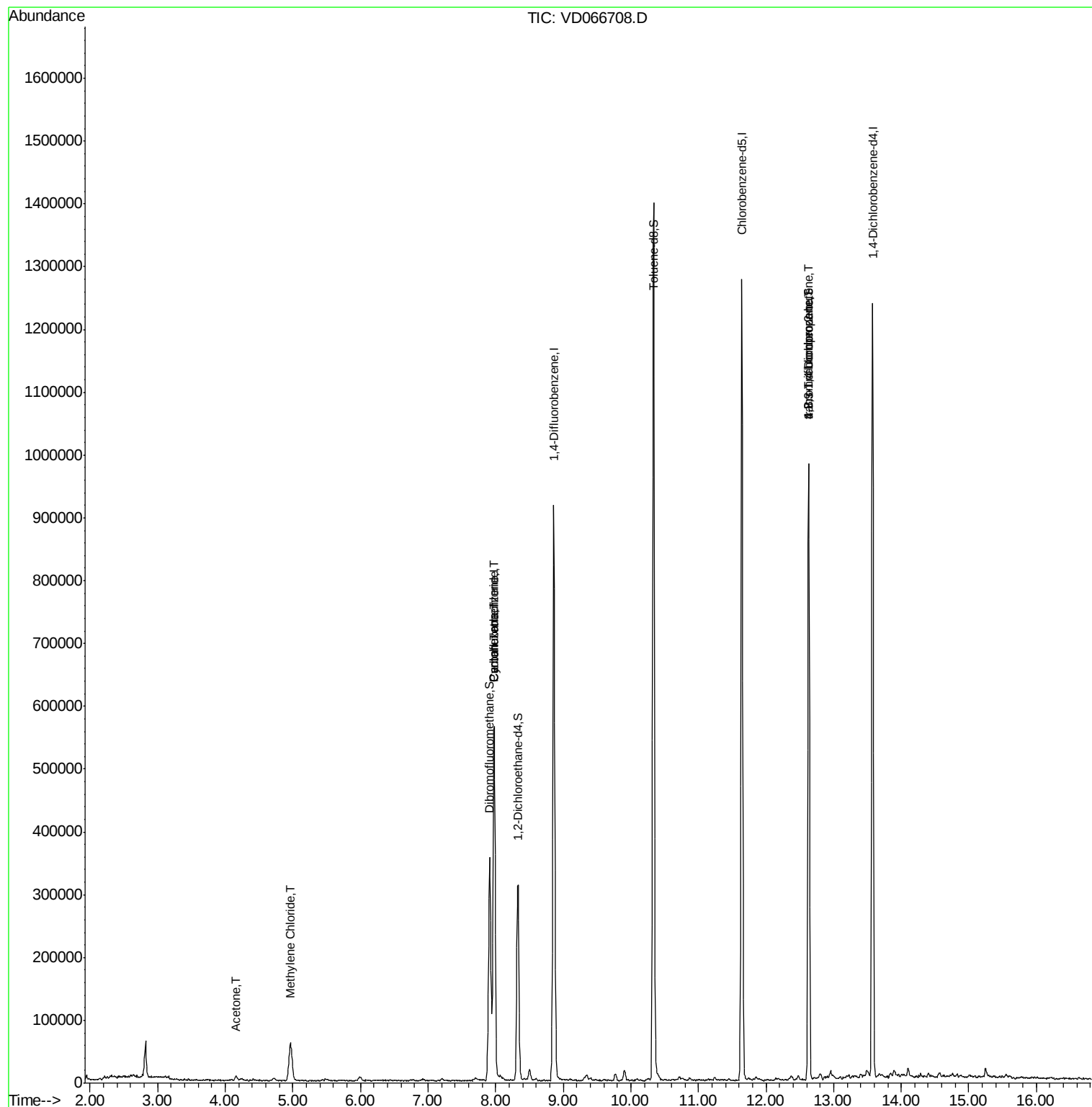
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	885	Below Cal		86
16) Acetone	4.16	43	12359	14.865	ug/l	94
18) Methyl Acetate	4.72	43	5286	Below Cal	#	84
20) Methylene Chloride	4.96	84	46626	3.601	ug/l #	88
31) Cyclohexane	7.97	56	12605	1.748	ug/l #	22
38) Carbon Tetrachloride	7.98	117	44296	5.611	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	173886	64.528	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	173886	139.262	ug/l #	8

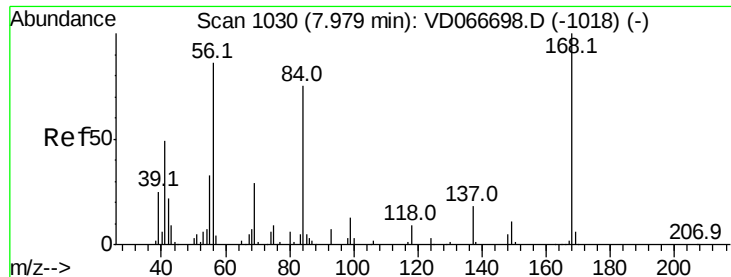
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
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: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

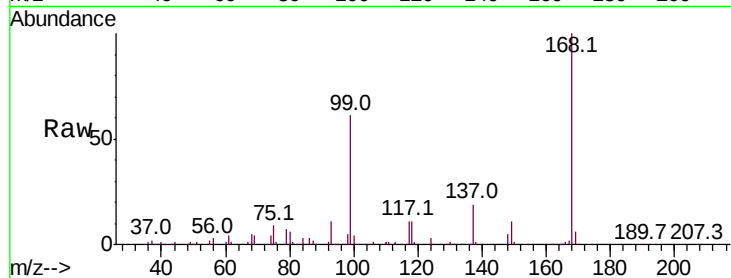
EO-02-091420

Tot Ion:168 Resp: 382668

Ion Ratio Lower Upper

168 100

99 61.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

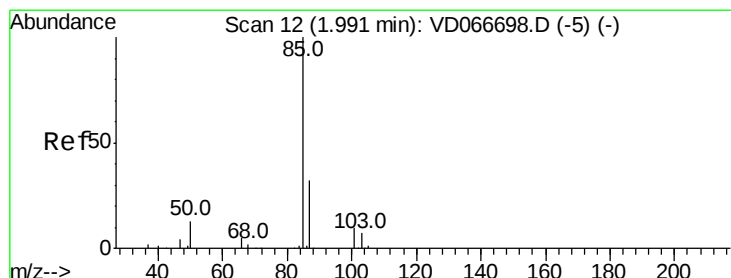
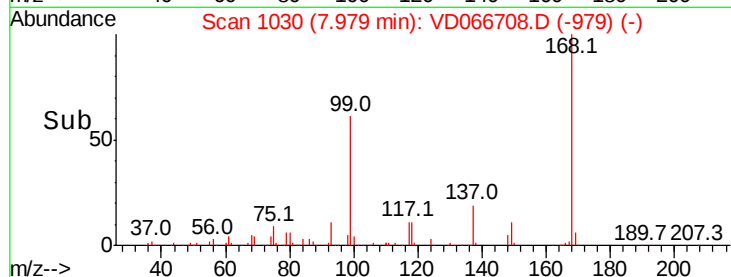
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066708.D

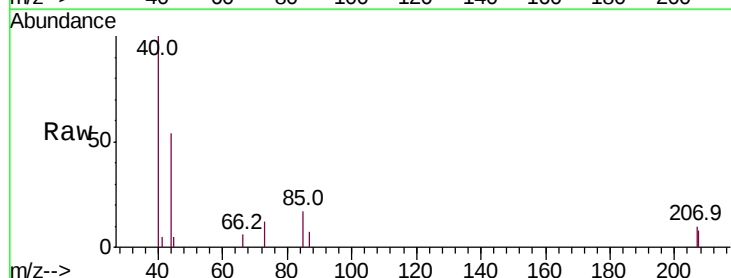
Acq: 15 Sep 2020 20:43

Tgt Ion: 85 Resp: 885

Ion Ratio Lower Upper

85 100

87 39.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

600

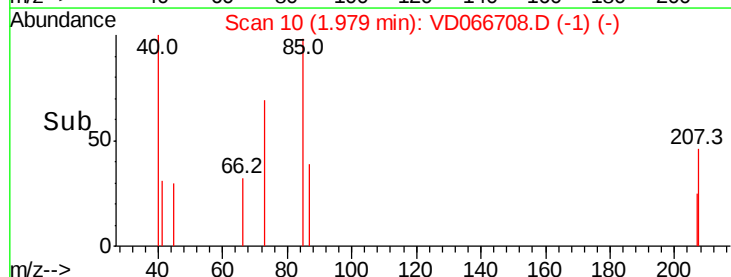
400

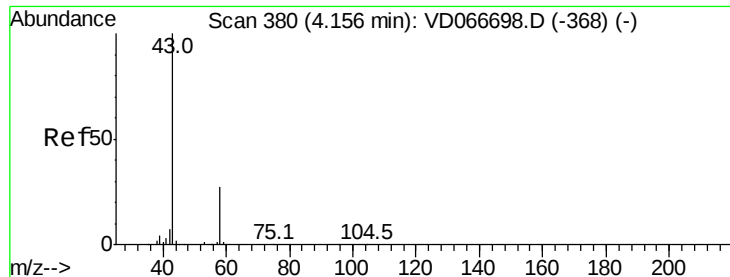
200

0

1.95 2.00

Time-->





#16

Acetone

Concen: 14.865 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

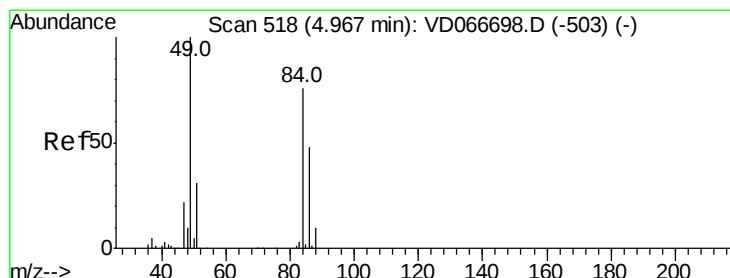
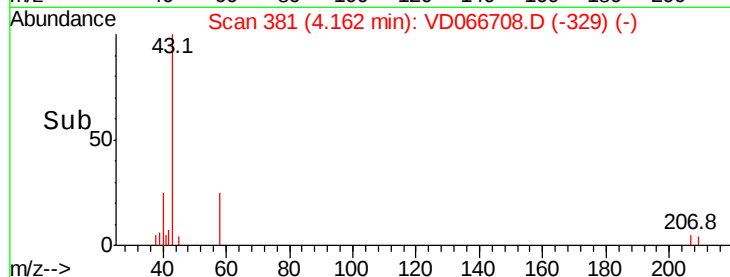
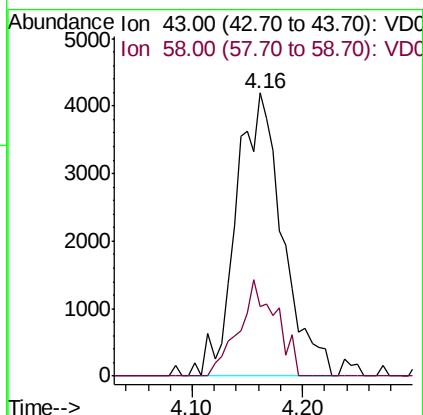
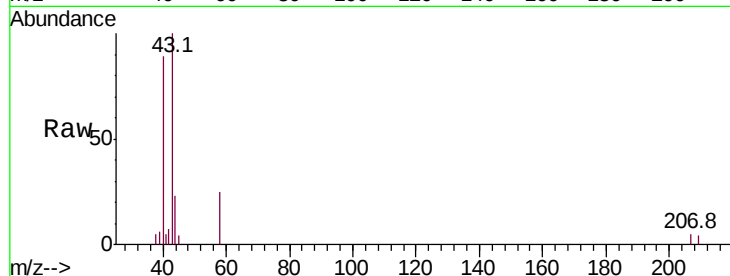
EO-02-091420

Tot Ion: 43 Resp: 12359

Ion Ratio Lower Upper

43 100

58 24.5 21.9 32.9



#20

Methylene Chloride

Concen: 3.601 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066708.D

Acq: 15 Sep 2020 20:43

Tgt Ion: 84 Resp: 46626

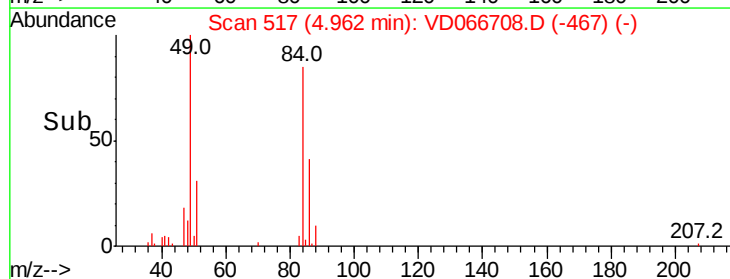
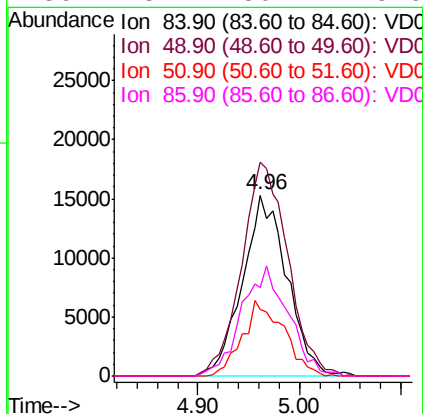
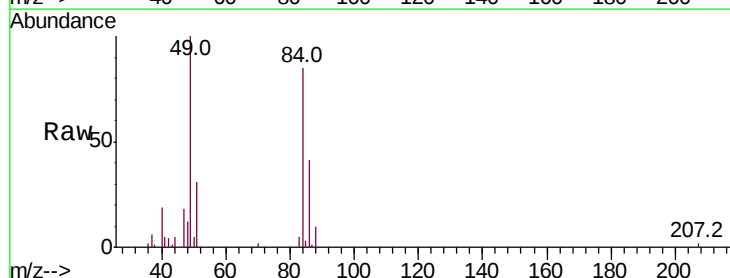
Ion Ratio Lower Upper

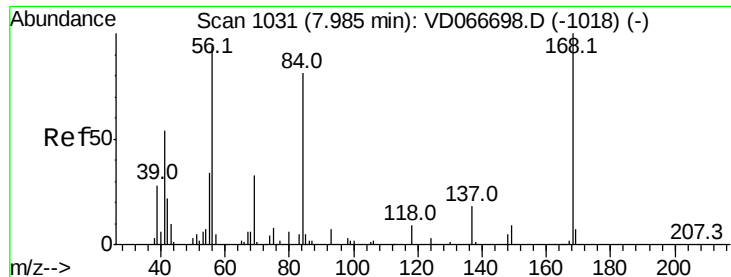
84 100

49 118.2 105.0 157.6

51 37.0 32.2 48.4

86 48.7 50.4 75.6#

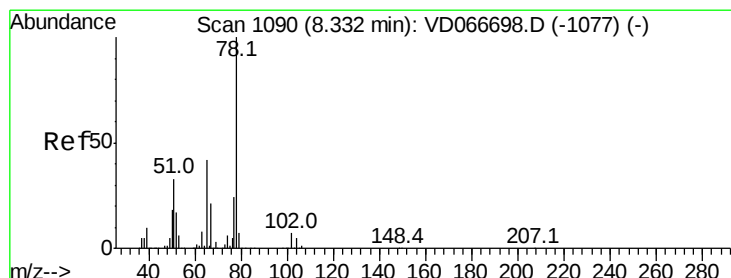
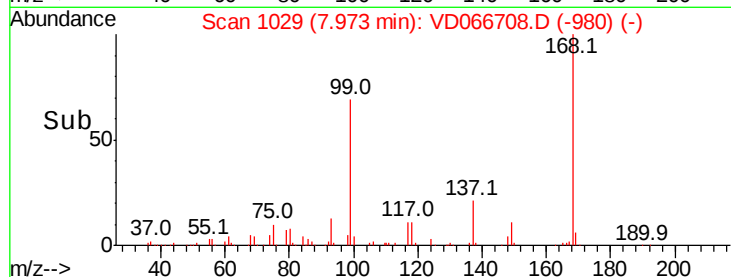
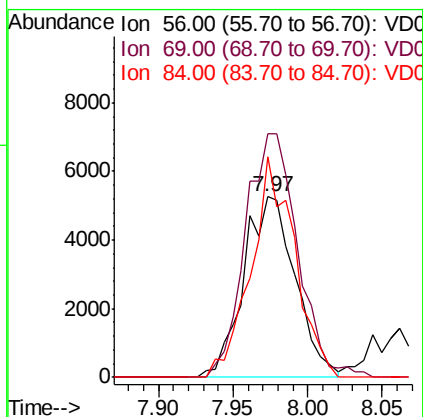
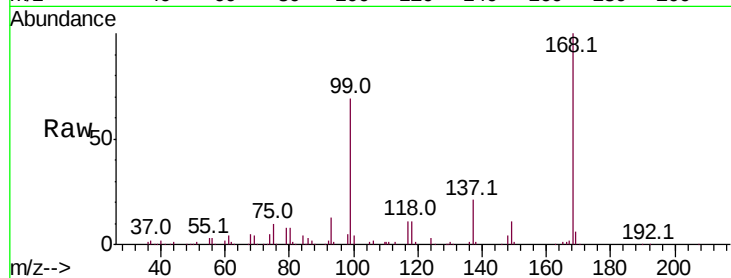




#31
Cyclohexane
Concen: 1.748 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066708.D
Acq: 15 Sep 2020 20:43

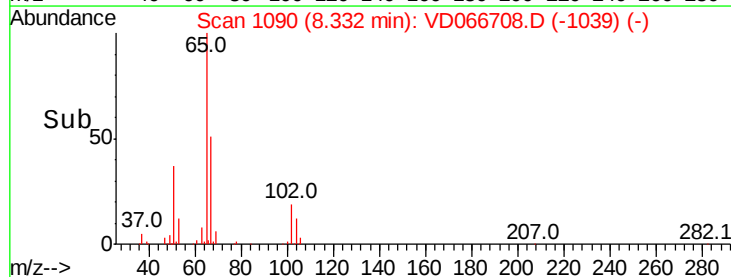
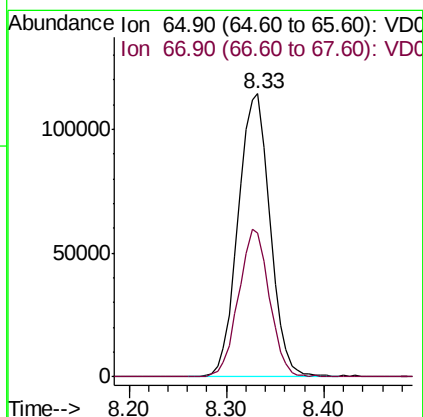
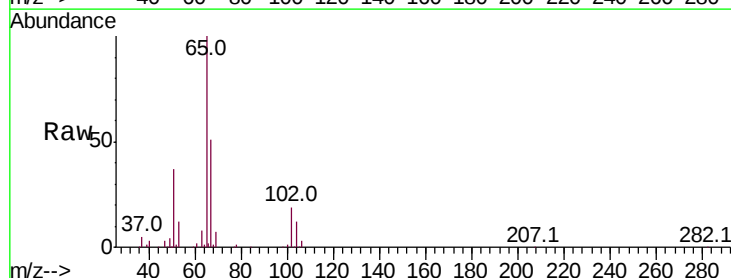
Instrument :
MSVOA_D
ClientSampleId :
EO-02-091420

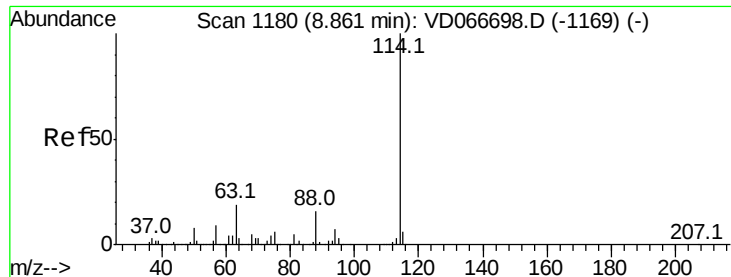
Tot Ion: 56 Resp: 12605
Ion Ratio Lower Upper
56 100
69 134.6 27.7 41.5#
84 122.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 63.894 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066708.D
Acq: 15 Sep 2020 20:43

Tgt Ion: 65 Resp: 260869
Ion Ratio Lower Upper
65 100
67 50.5 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: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-091420

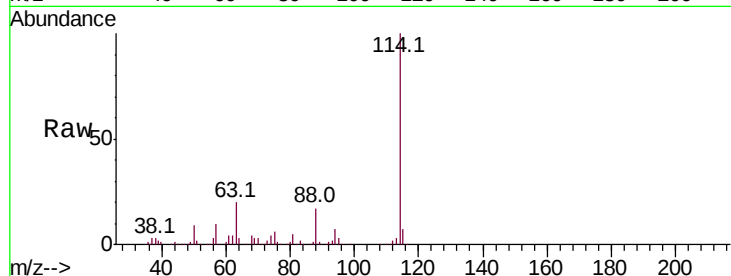
Tot Ion:114 Resp: 722990

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.6

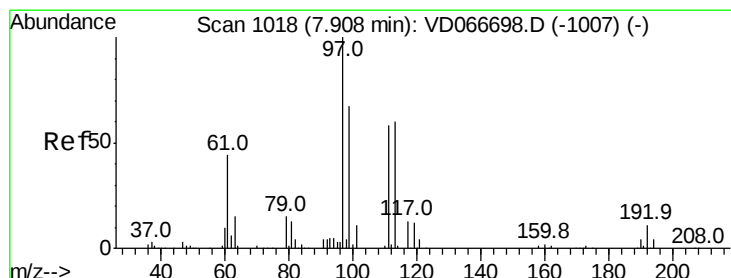
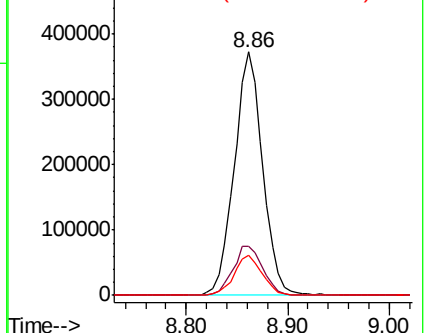
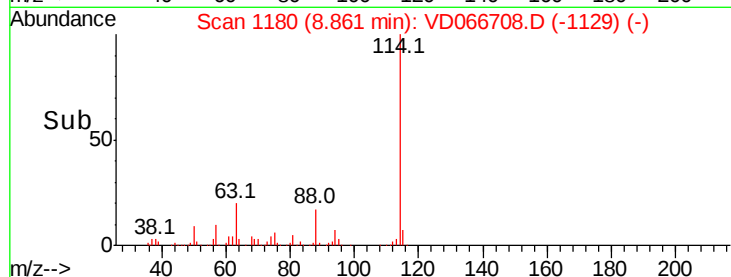
88 16.7 0.0 32.2



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: 56.223 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066708.D

Acq: 15 Sep 2020 20:43

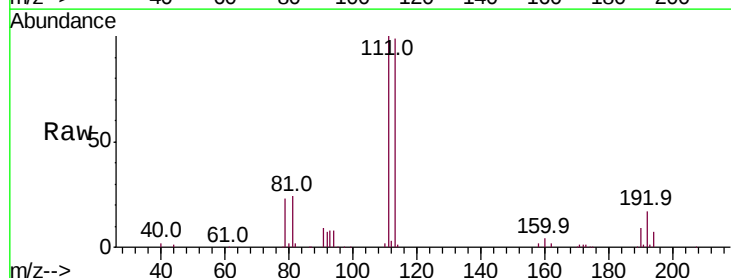
Tgt Ion:113 Resp: 249215

Ion Ratio Lower Upper

113 100

111 104.5 83.2 124.8

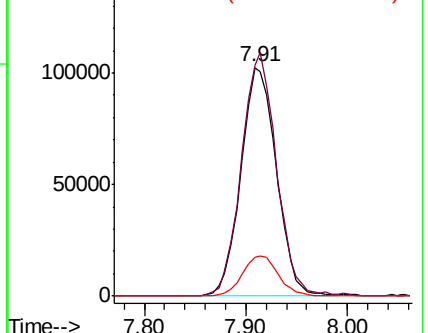
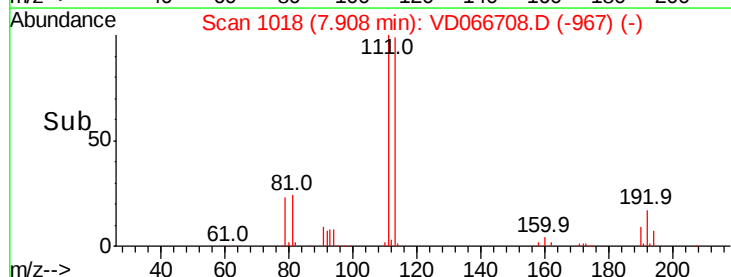
192 17.8 14.8 22.2

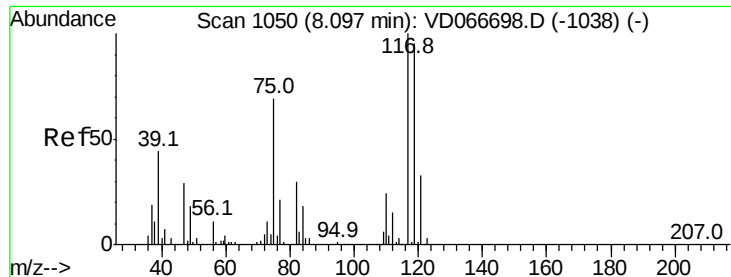


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.611 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-091420

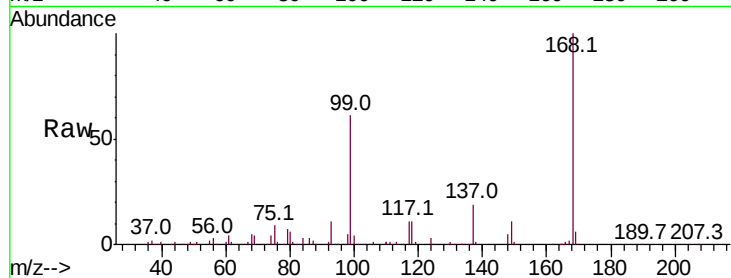
Tot Ion:117 Resp: 44296

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

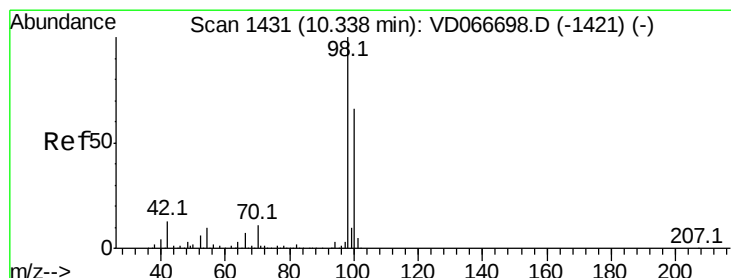
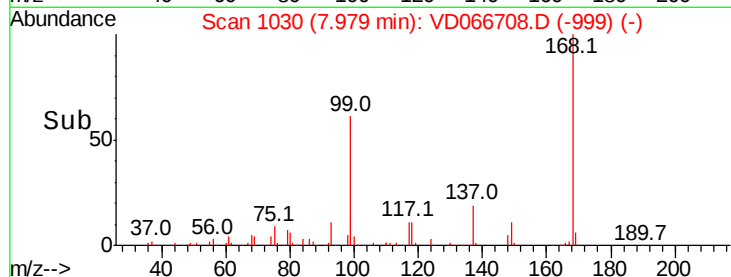
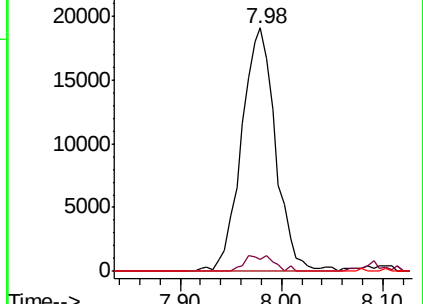
121 0.0 26.2 39.4#



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: 57.975 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066708.D

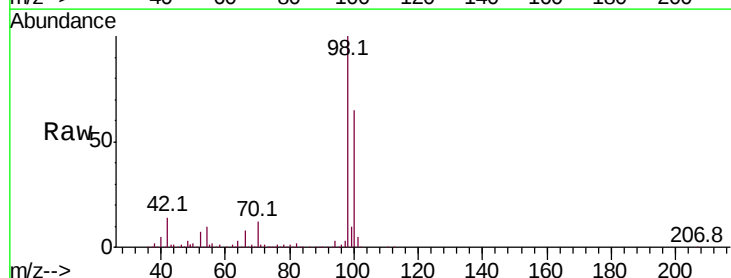
Acq: 15 Sep 2020 20:43

Tgt Ion: 98 Resp: 915567

Ion Ratio Lower Upper

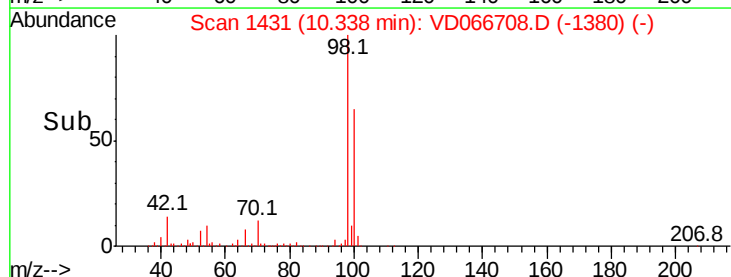
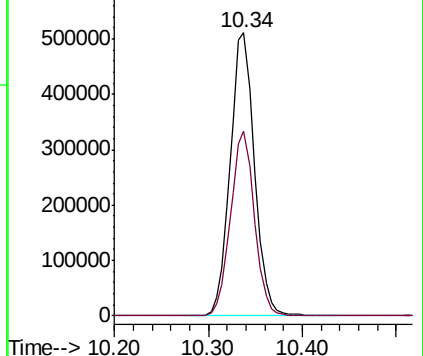
98 100

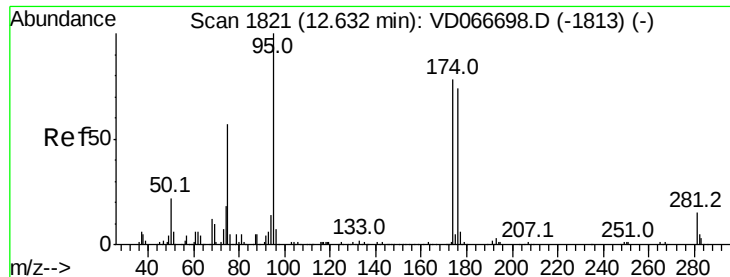
100 64.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

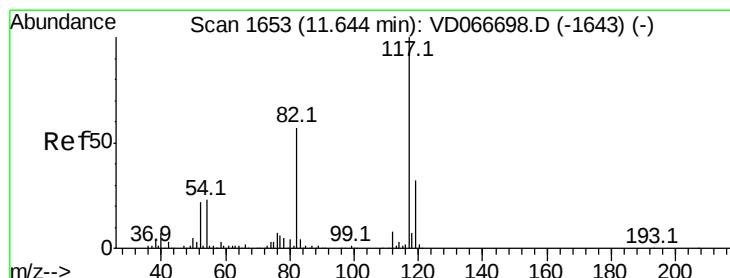
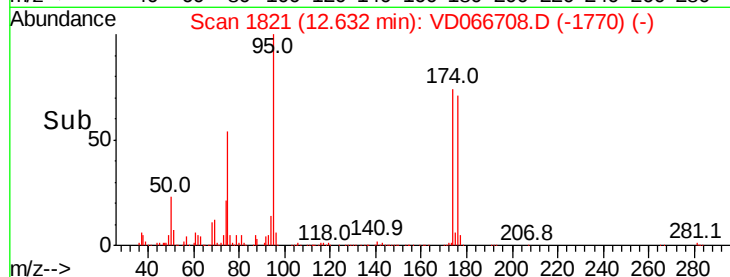
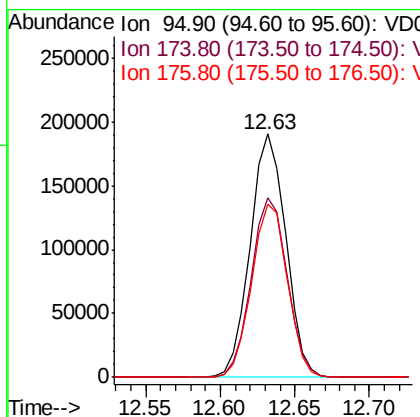
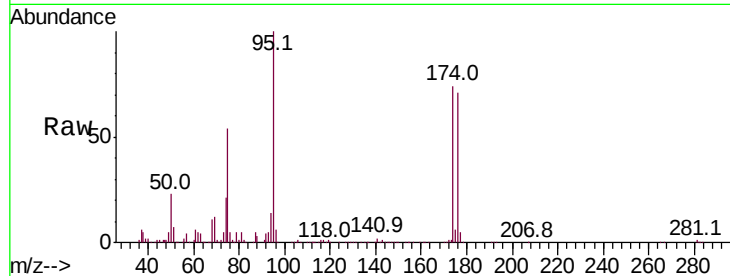




#62
4-Bromofluorobenzene
Concen: 57.453 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066708.D
Acq: 15 Sep 2020 20:43

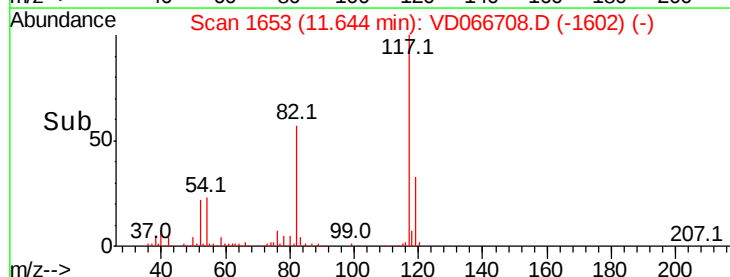
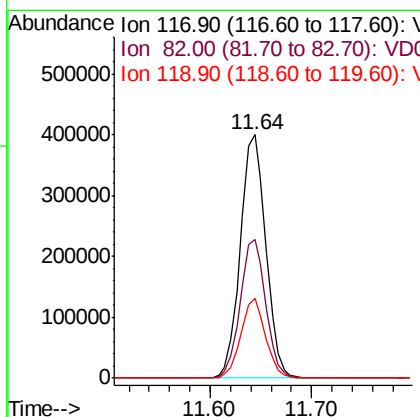
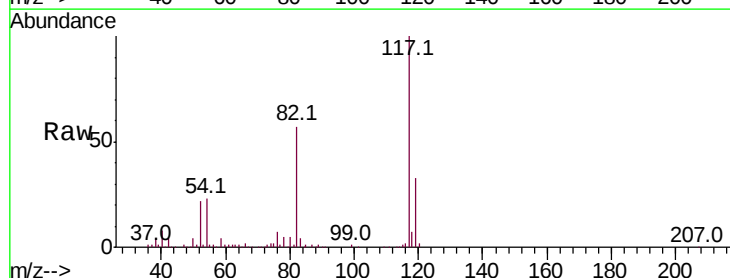
Instrument :
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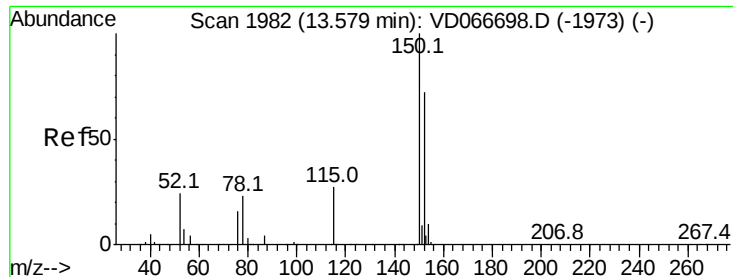
Tot Ion: 95 Resp: 313193
Ion Ratio Lower Upper
95 100
174 74.8 0.0 156.6
176 71.7 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066708.D
Acq: 15 Sep 2020 20:43

Tgt Ion: 117 Resp: 698382
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.5 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: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-091420

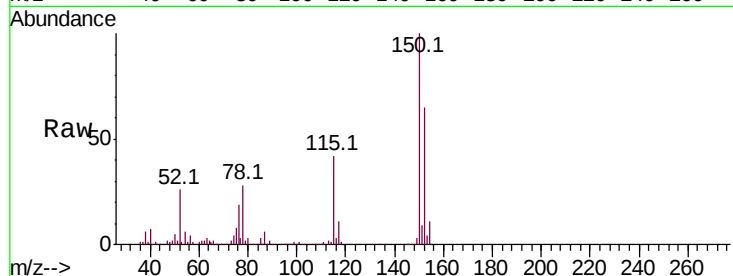
Tot Ion:152 Resp: 314822

Ion Ratio Lower Upper

152 100

115 62.4 30.5 91.5

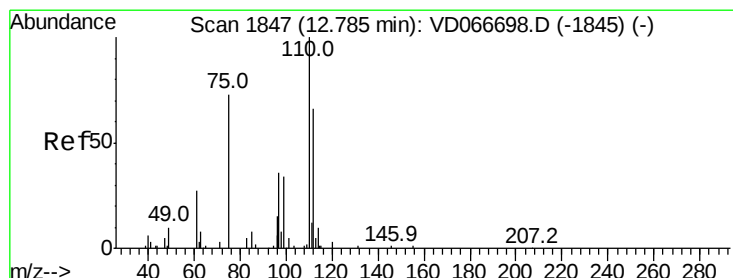
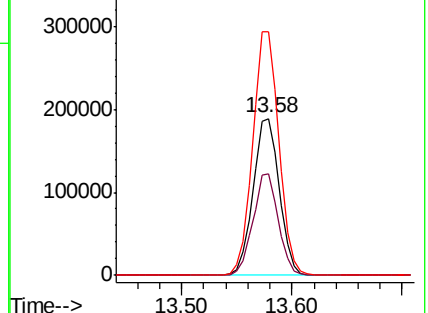
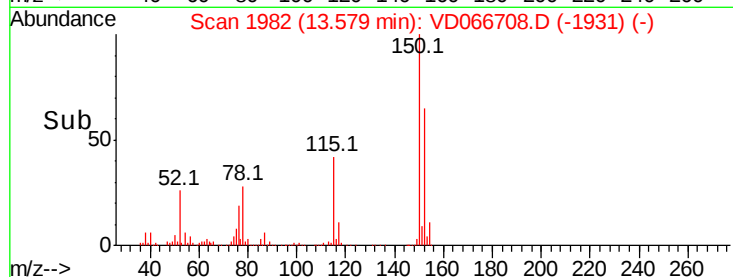
150 155.2 0.0 344.6



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: 64.528 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066708.D

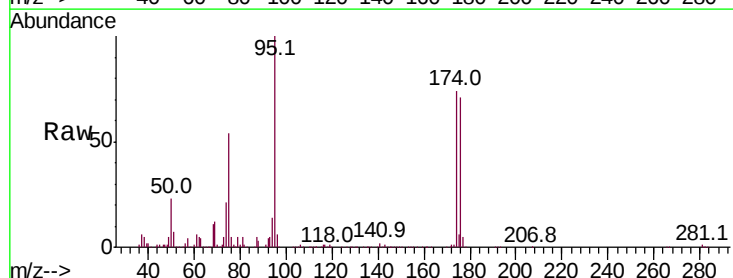
Acq: 15 Sep 2020 20:43

Tgt Ion: 75 Resp: 173886

Ion Ratio Lower Upper

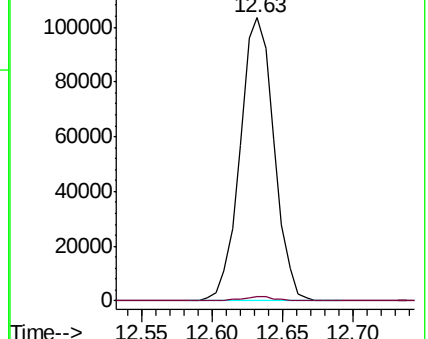
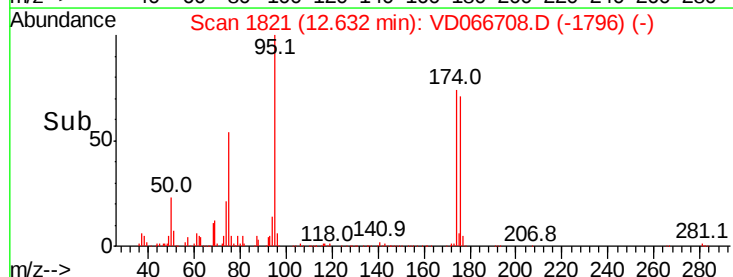
75 100

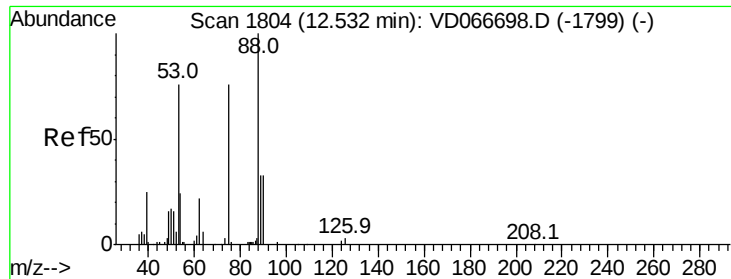
77 1.3 0.0 0.0#



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: 139.262 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066708.D

Acq: 15 Sep 2020 20:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-091420

Tot Ion: 75 Resp: 173886

Ion Ratio Lower Upper

75 100

53 0.3 82.2 123.4#

89 0.0 39.6 59.4#

