

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066215.D
 Acq On : 13 Aug 2020 17:28
 Operator : VA/SY
 Sample : L3504-01
 Misc : 7.39G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-081120

Quant Time: Aug 14 03:03:25 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	340695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	549390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	643662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	361843	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	143310	47.15	ug/l	0.00
Spiked Amount						
			Recovery	=	94.30%	
35) Dibromofluoromethane	7.91	113	168531	48.42	ug/l	0.00
Spiked Amount						
			Recovery	=	96.84%	
50) Toluene-d8	10.34	98	667256	51.95	ug/l	0.00
Spiked Amount						
			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.63	95	321389	69.42	ug/l	0.00
Spiked Amount						
			Recovery	=	138.84%	

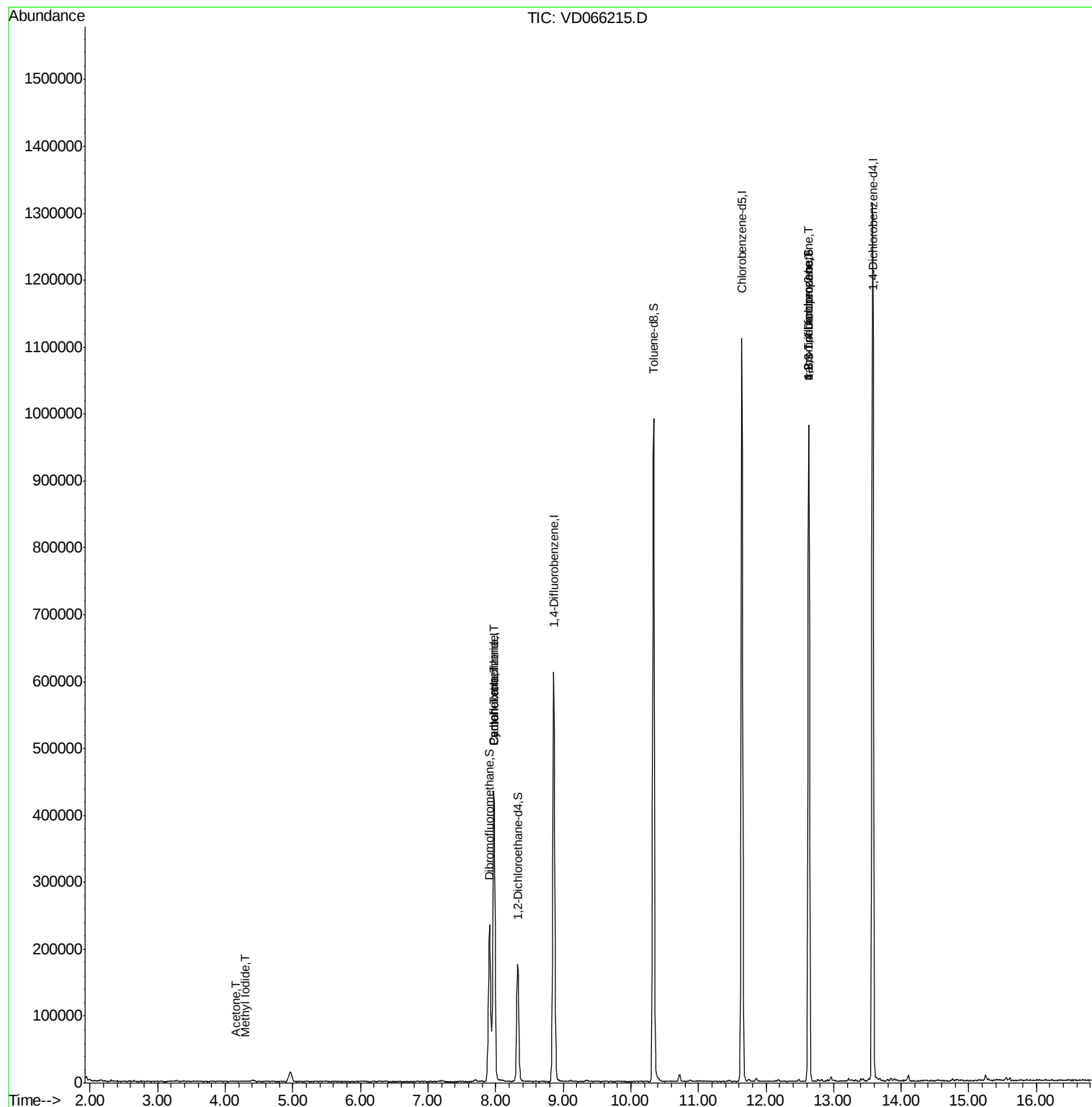
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	583	6.885	ug/l #	39
16) Acetone	4.16	43	983	1.704	ug/l #	44
20) Methylene Chloride	4.97	84	12074	Below Cal	#	83
31) Cyclohexane	7.97	56	6855	1.287	ug/l #	29
38) Carbon Tetrachloride	7.97	117	31928	5.546	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	160237	53.102	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	160237	117.386	ug/l #	13

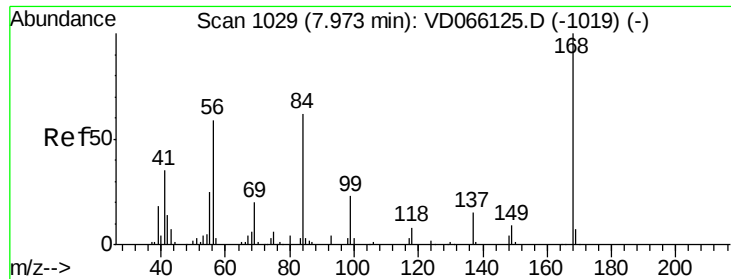
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
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ALS Vial : 9 Sample Multiplier: 1

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EO-02-081120

Quant Time: Aug 14 03:03:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

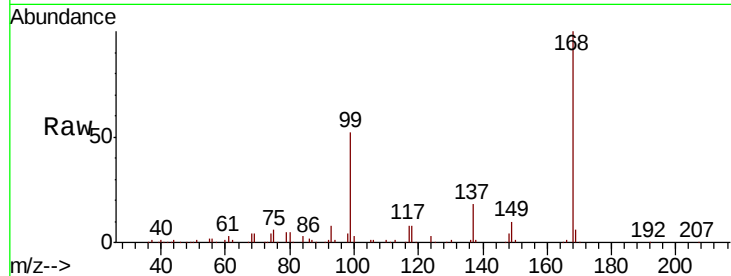
EO-02-081120

Tot Ion:168 Resp: 340695

Ion Ratio Lower Upper

168 100

99 52.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

150000

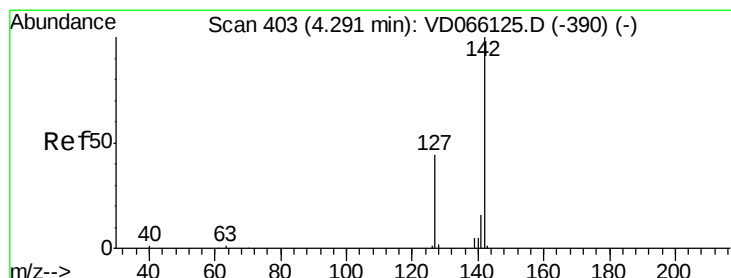
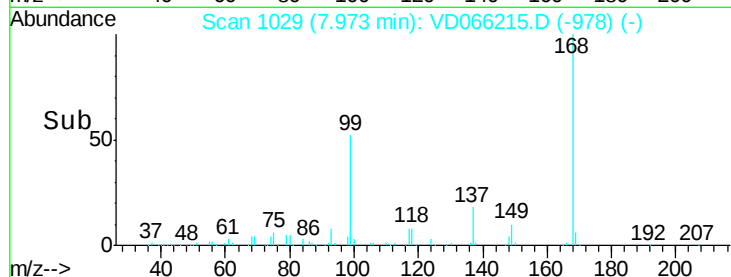
100000

50000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 6.885 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

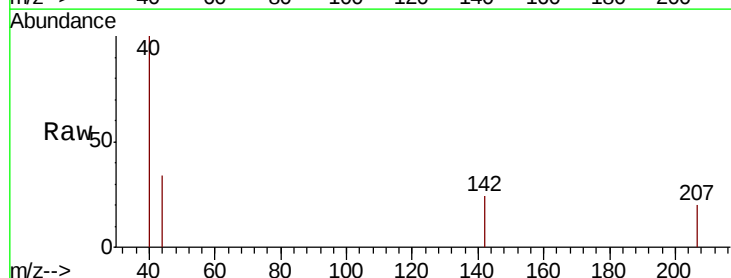
Tgt Ion:142 Resp: 583

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

400

300

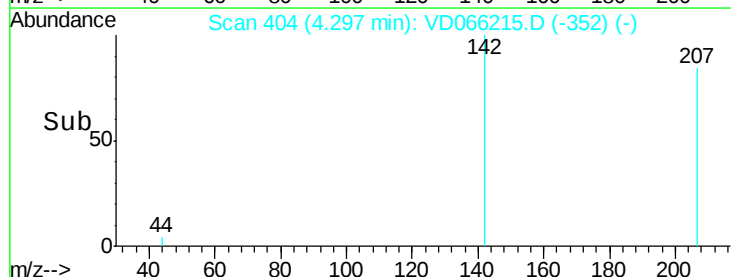
200

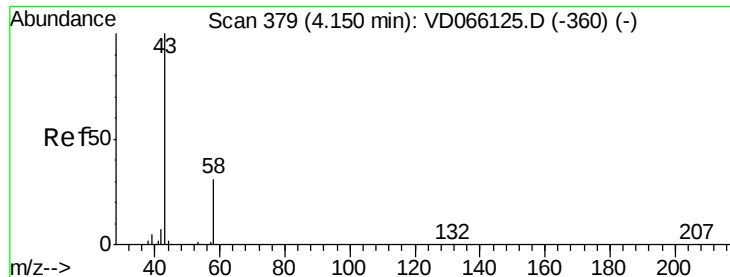
100

0

Time-->

4.25 4.30





#16

Acetone

Concen: 1.704 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

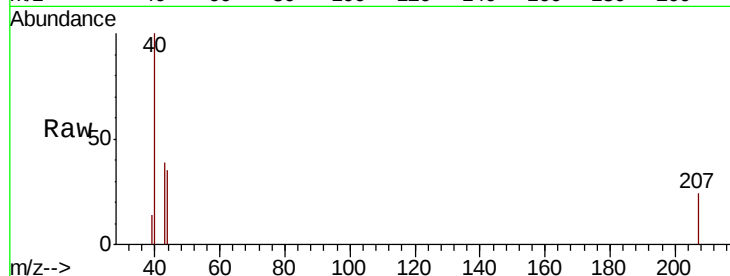
EO-02-081120

Tot Ion: 43 Resp: 983

Ion Ratio Lower Upper

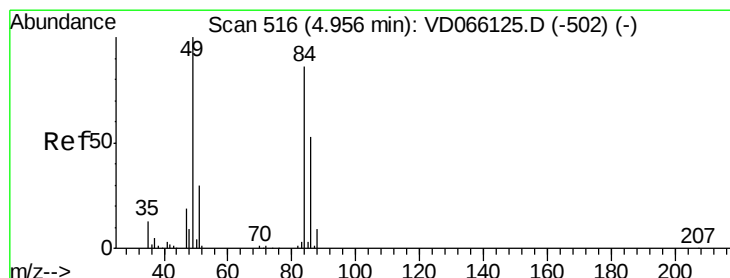
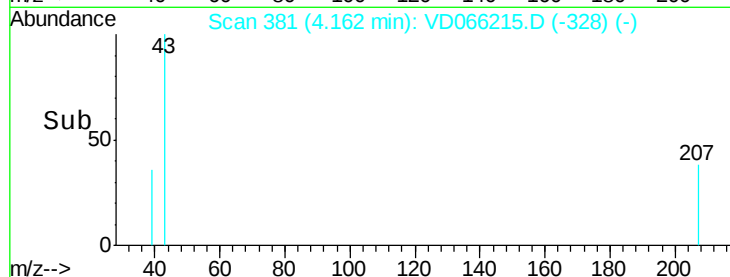
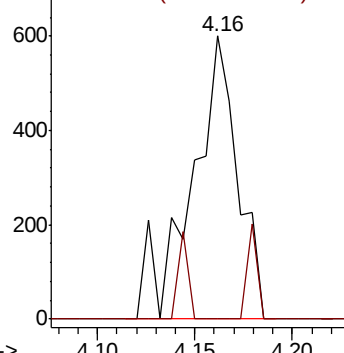
43 100

58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

Tgt Ion: 84 Resp: 12074

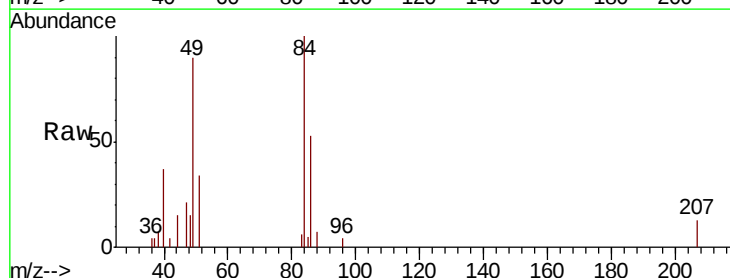
Ion Ratio Lower Upper

84 100

49 89.9 93.5 140.3#

51 34.1 28.2 42.4

86 53.4 49.5 74.3

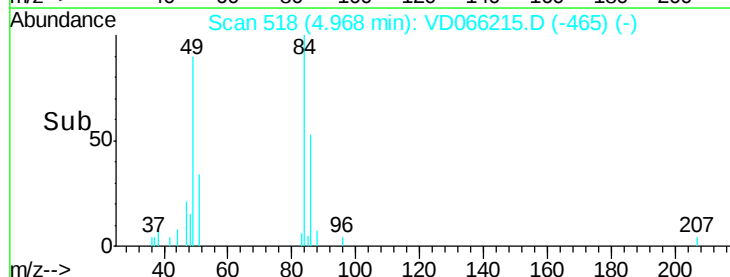
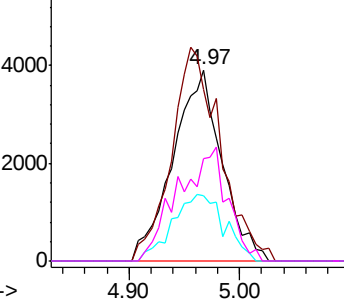


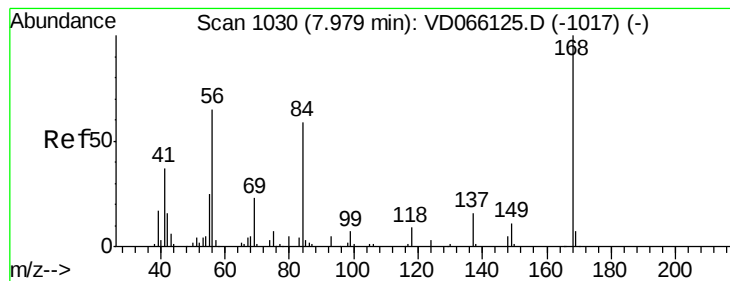
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 1.287 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

EO-02-081120

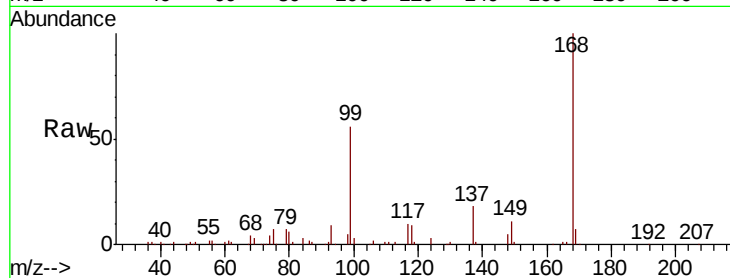
Tot Ion: 56 Resp: 6855

Ion Ratio Lower Upper

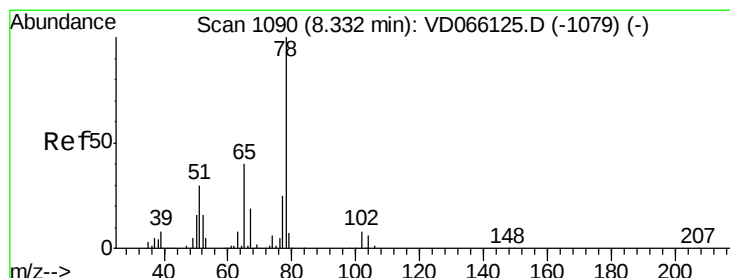
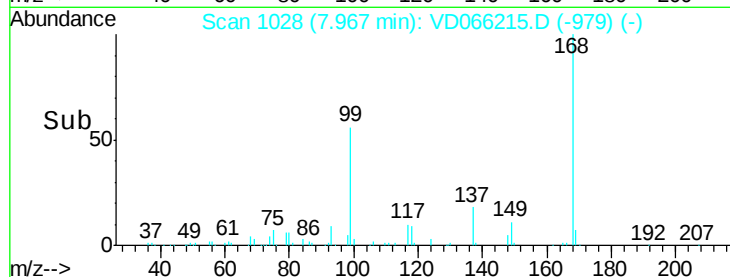
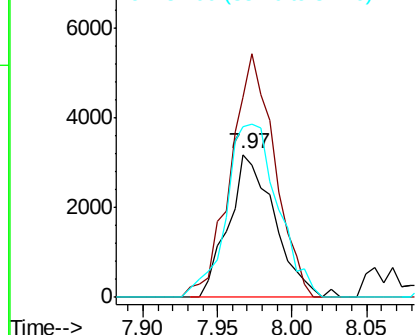
56 100

69 140.5 28.8 43.2#

84 119.3 73.0 109.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.149 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066215.D

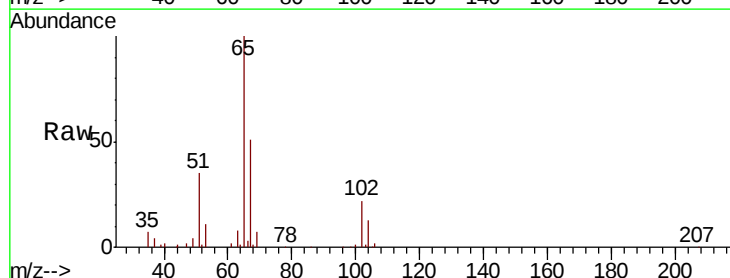
Acq: 13 Aug 2020 17:28

Tgt Ion: 65 Resp: 143310

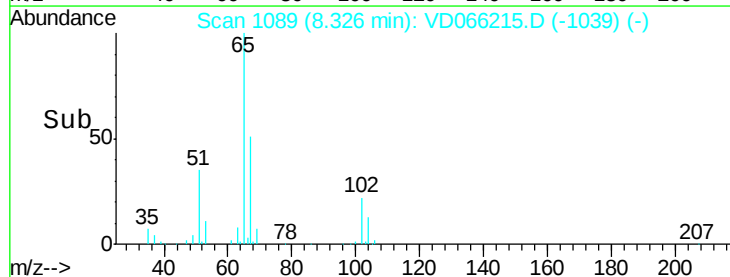
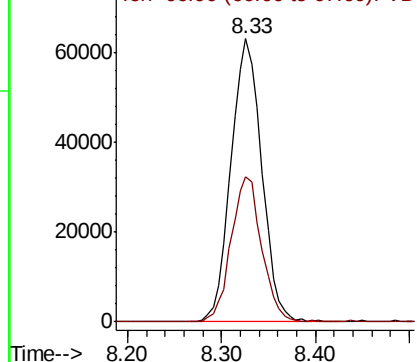
Ion Ratio Lower Upper

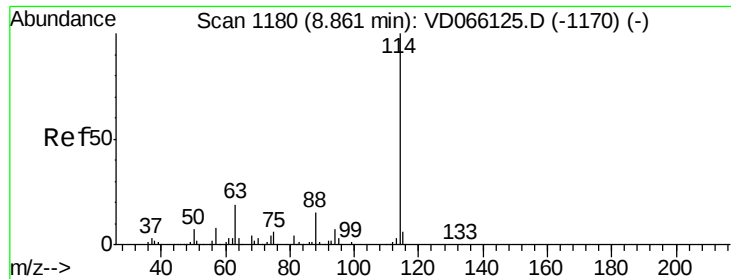
65 100

67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

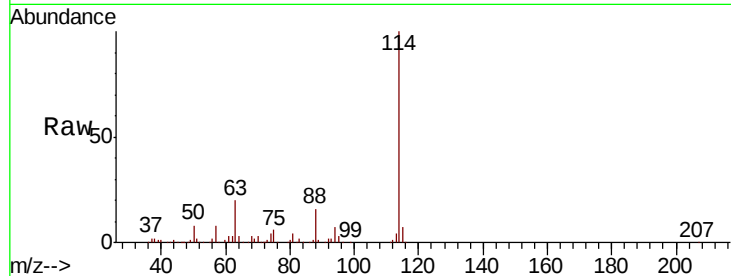




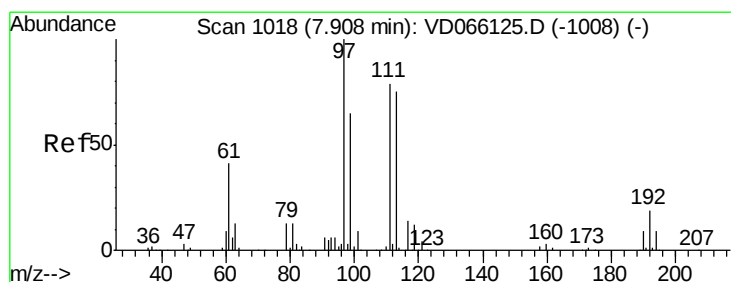
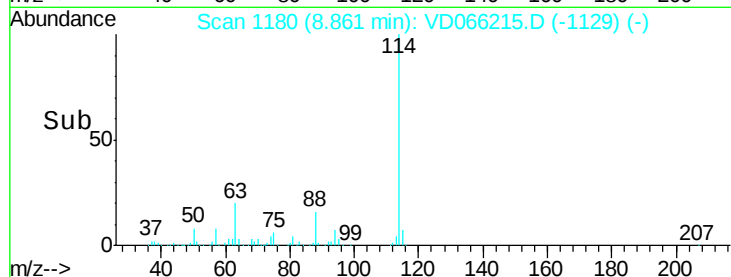
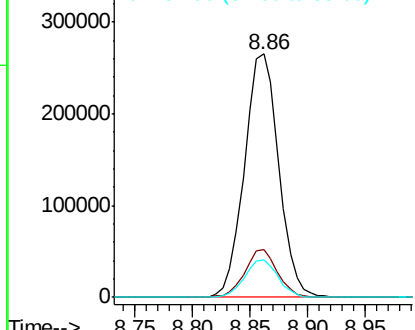
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066215.D
Acq: 13 Aug 2020 17:28

Instrument :
MSVOA_D
ClientSampleId :
EO-02-081120

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.7	0.0	30.0

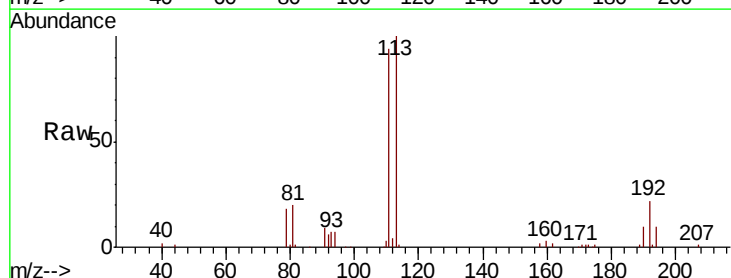


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

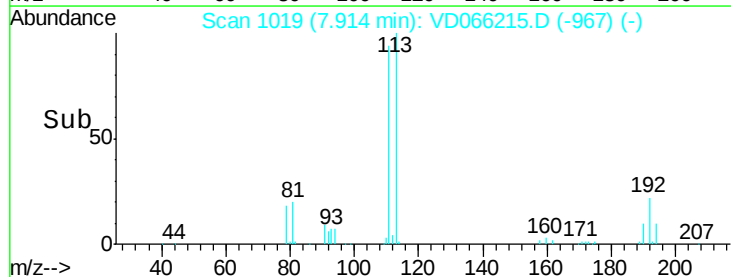
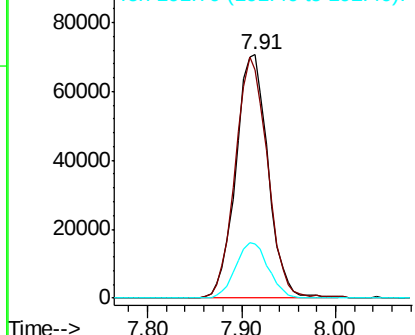


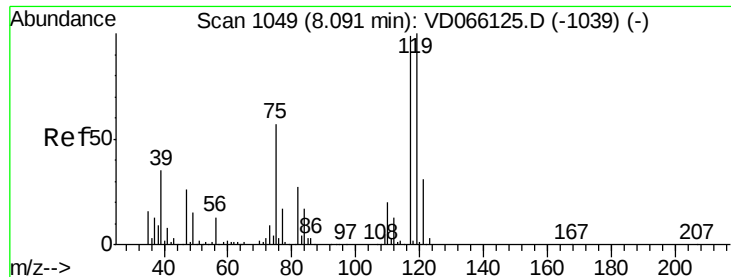
#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066215.D
Acq: 13 Aug 2020 17:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.8	80.7	121.1
192	23.1	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





#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.12 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

EO-02-081120

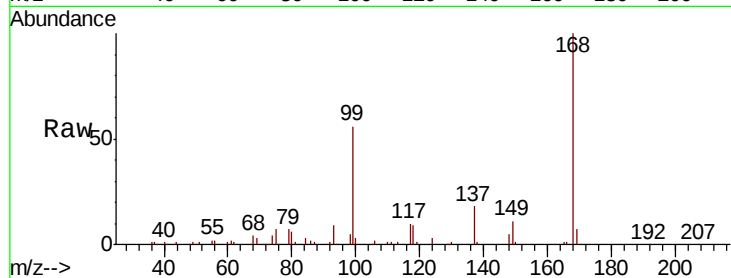
Tot Ion:117 Resp: 31928

Ion Ratio Lower Upper

117 100

119 6.5 81.0 121.4#

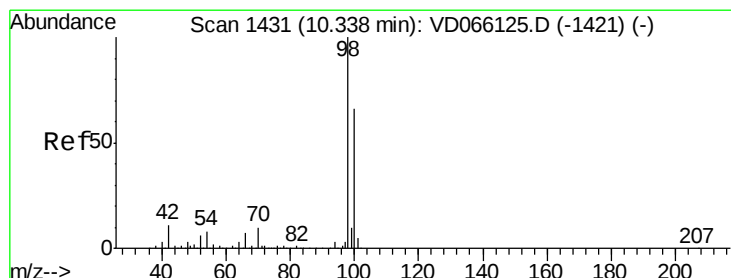
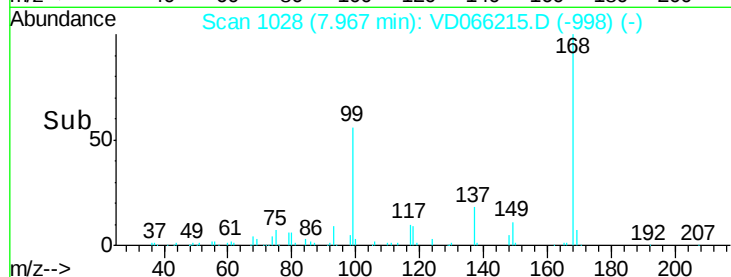
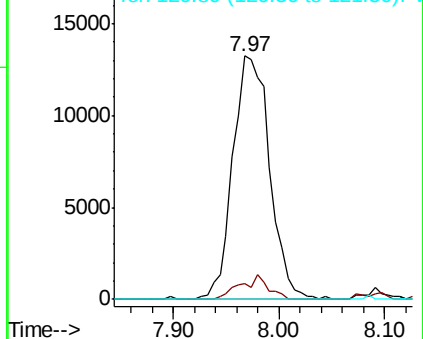
121 0.0 24.8 37.2#



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: 51.954 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066215.D

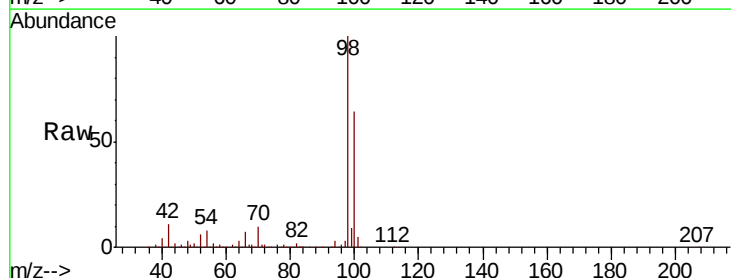
Acq: 13 Aug 2020 17:28

Tgt Ion: 98 Resp: 667256

Ion Ratio Lower Upper

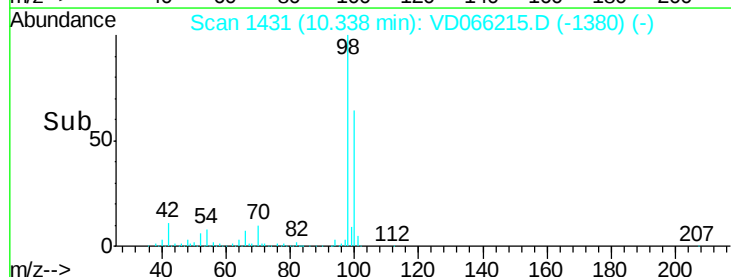
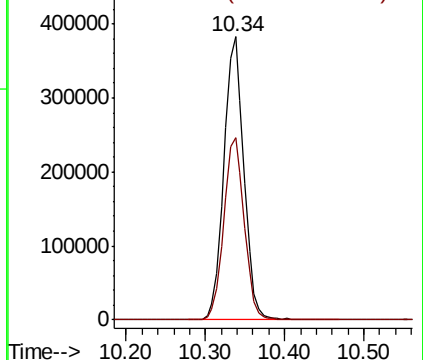
98 100

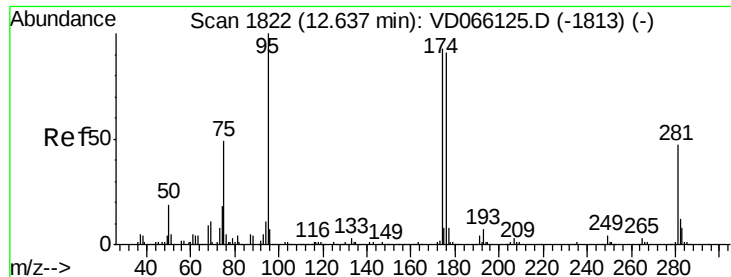
100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

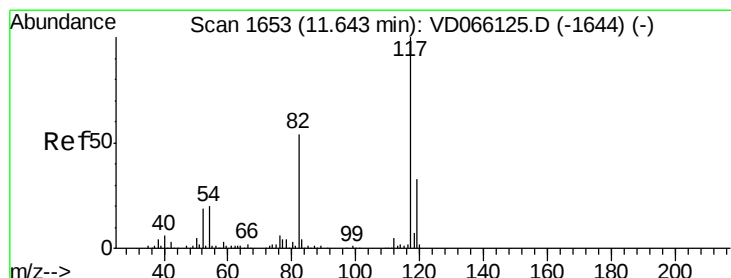
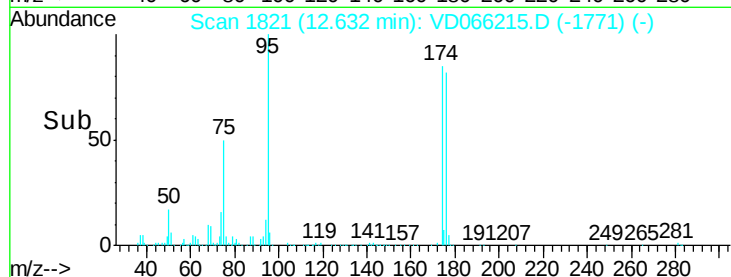
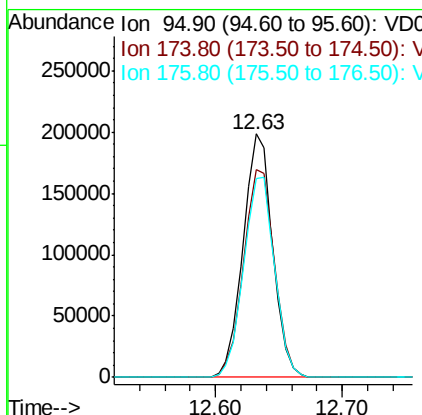
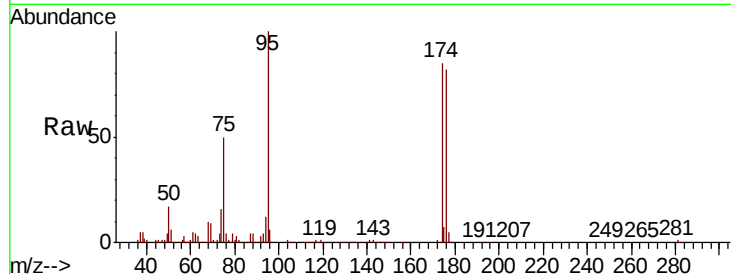




#62
4-Bromofluorobenzene
Concen: 69.422 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066215.D
Acq: 13 Aug 2020 17:28

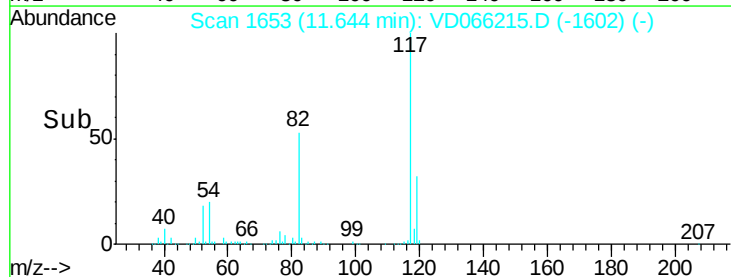
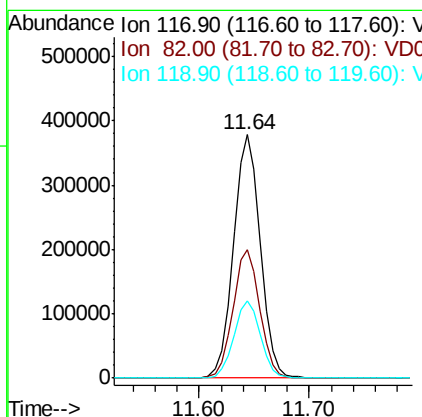
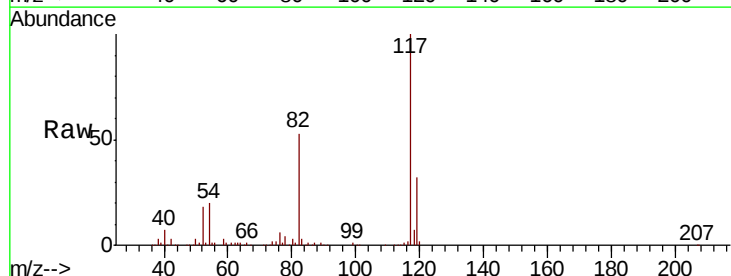
Instrument :
MSVOA_D
ClientSampleId :
EO-02-081120

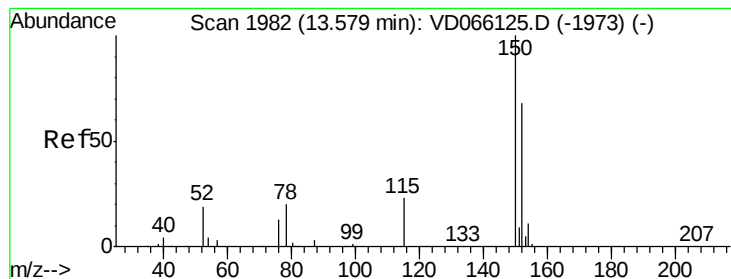
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	180.8
176	86.2	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066215.D
Acq: 13 Aug 2020 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	31.5	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: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

EO-02-081120

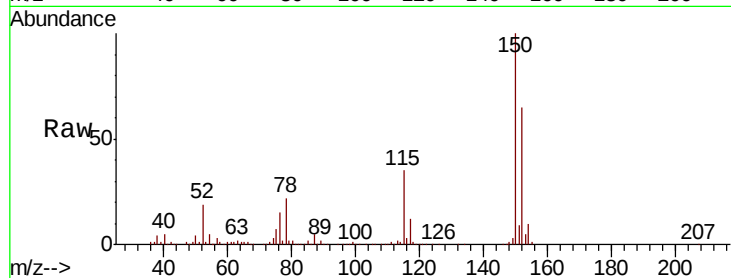
Tot Ion:152 Resp: 361843

Ion Ratio Lower Upper

152 100

115 56.1 28.0 83.9

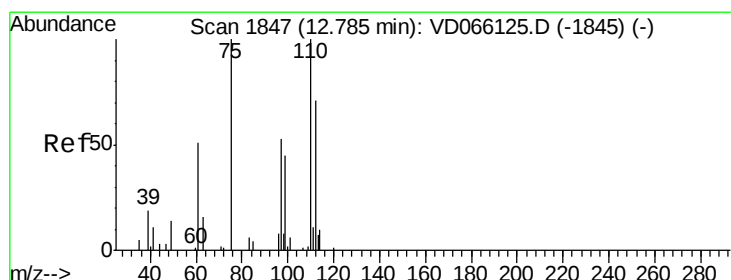
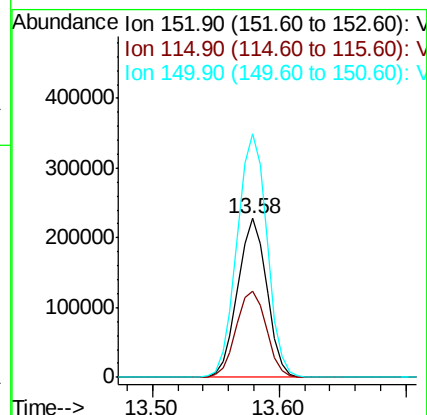
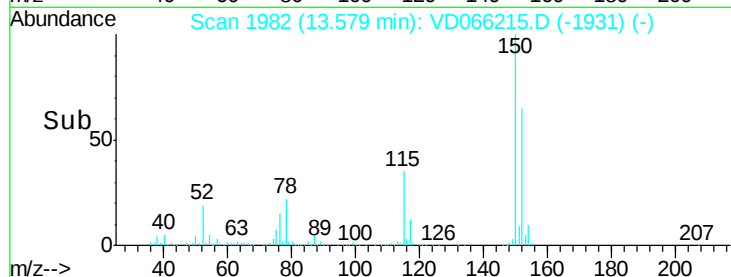
150 157.1 0.0 346.4



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: 53.102 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066215.D

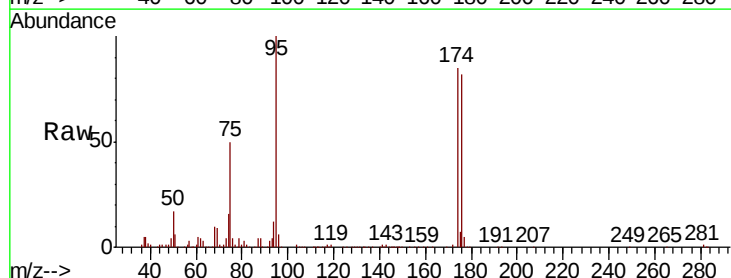
Acq: 13 Aug 2020 17:28

Tgt Ion: 75 Resp: 160237

Ion Ratio Lower Upper

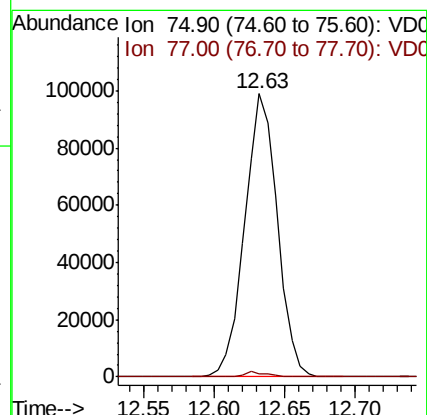
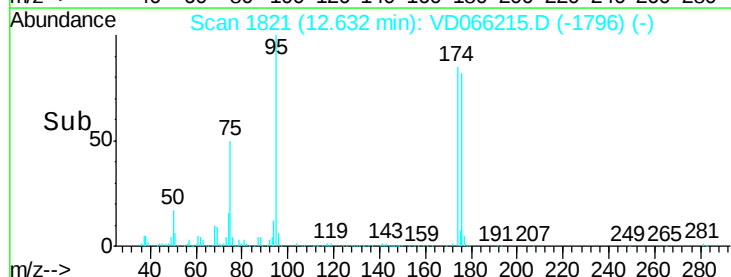
75 100

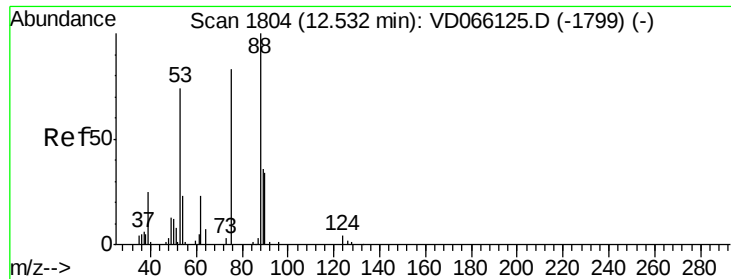
77 1.4 0.0 0.0#



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: 117.386 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066215.D

Acq: 13 Aug 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

EO-02-081120

Tot Ion: 75 Resp: 160237

Ion Ratio Lower Upper

75 100

53 0.1 73.4 110.2#

89 0.3 36.6 55.0#

