

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064755.D
 Acq On : 04 Jan 2020 02:33
 Operator : VA/SY
 Sample : K6463-02RE
 Misc : 8.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

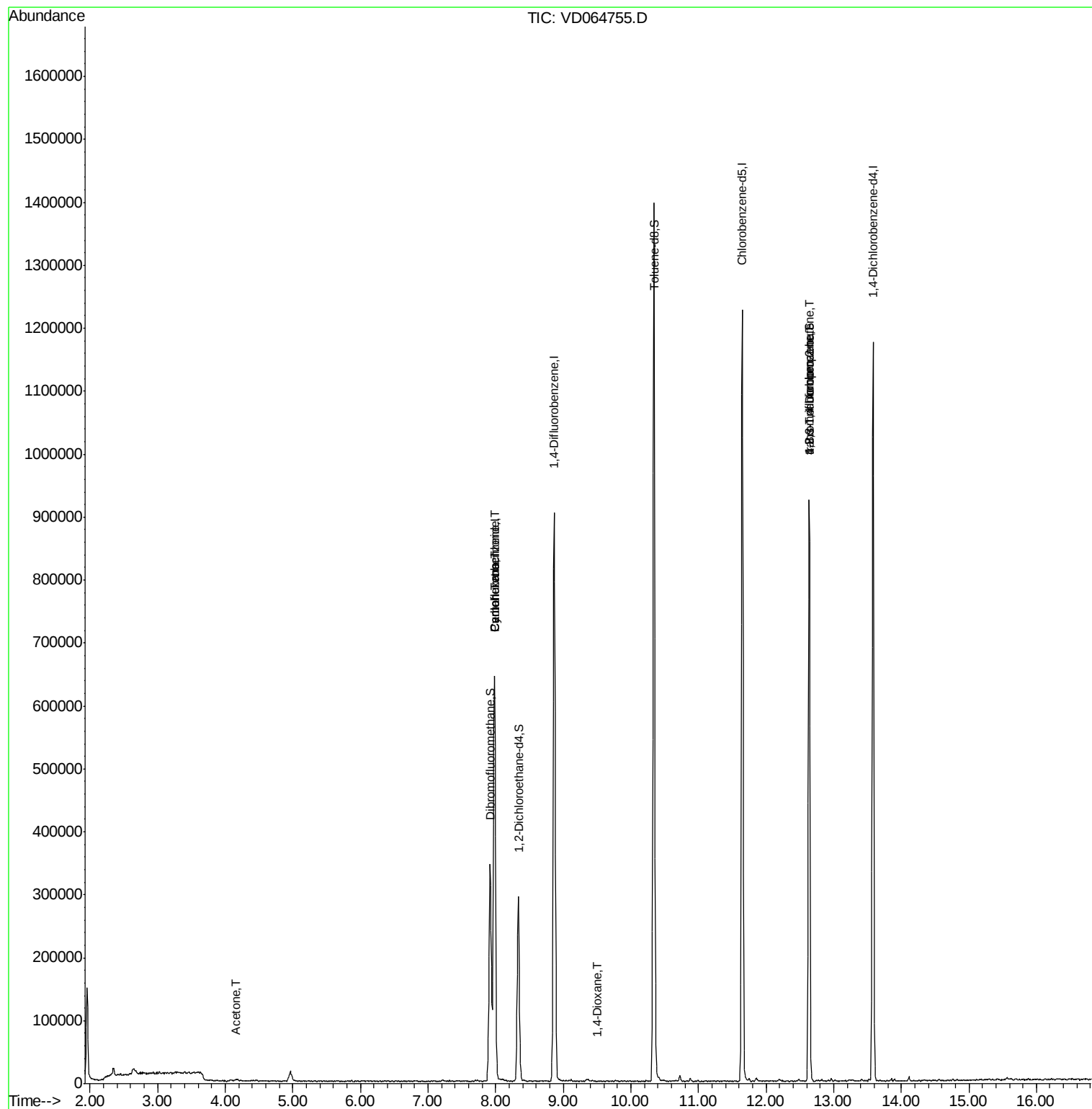
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	497660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226853	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.92	113	235741	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.34	98	931868	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	274409	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
Target Compounds						
16) Acetone	4.16	43	4967	8.921	ug/l	94
20) Methylene Chloride	4.96	84	10665	Below Cal		95
31) Cyclohexane	7.98	56	11812	1.444	ug/l #	15
38) Carbon Tetrachloride	7.98	117	50533	6.397	ug/l #	16
49) 1,4-Dioxane	9.51	88	63	2.029	ug/l #	9
76) 1,2,3-Trichloropropane	12.64	75	147127	60.968	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	147127	127.514	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064755.D

Acq: 04 Jan 2020 02:33

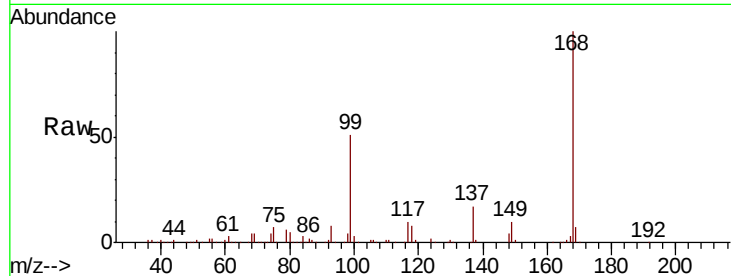
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 497660

Ion Ratio Lower Upper

168 100

99 51.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

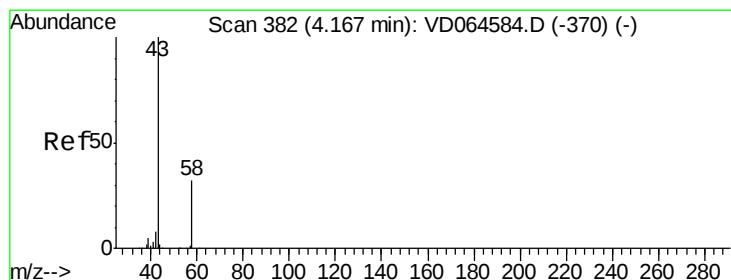
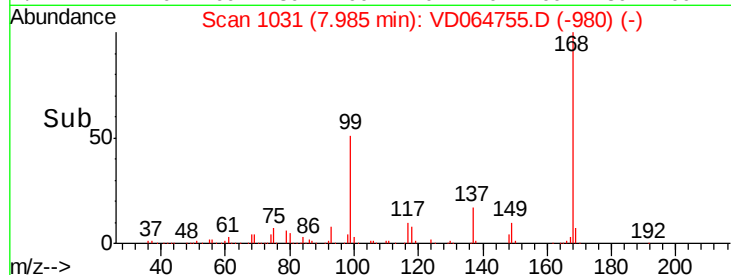
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.921 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064755.D

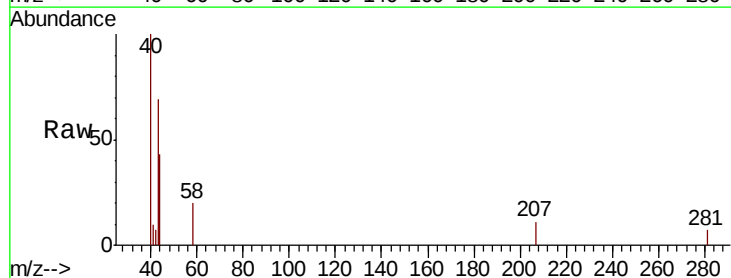
Acq: 04 Jan 2020 02:33

Tgt Ion: 43 Resp: 4967

Ion Ratio Lower Upper

43 100

58 29.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2000

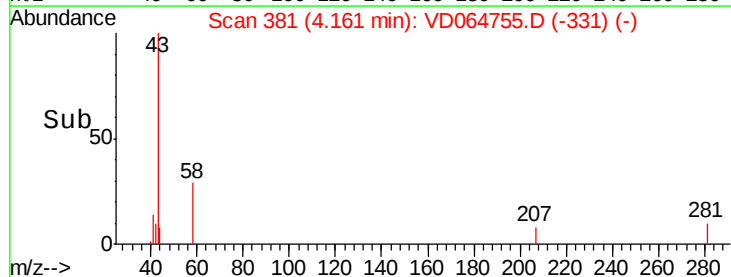
1500

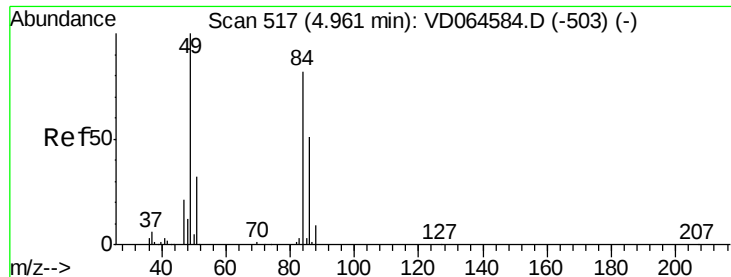
1000

500

0

Time-->

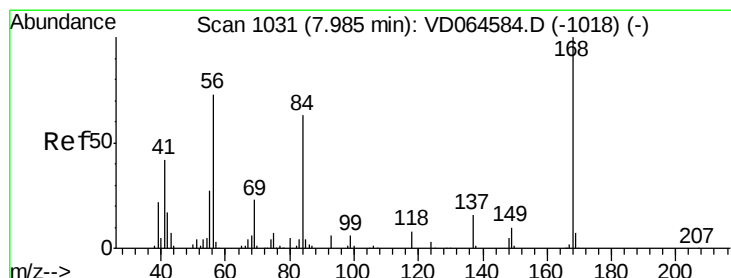
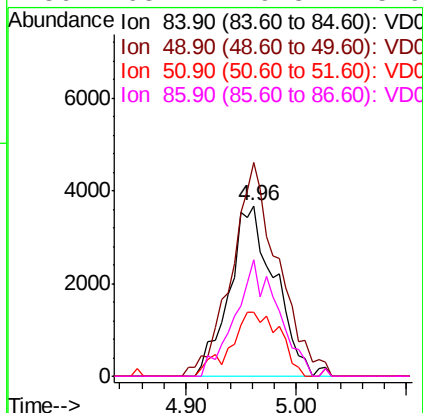
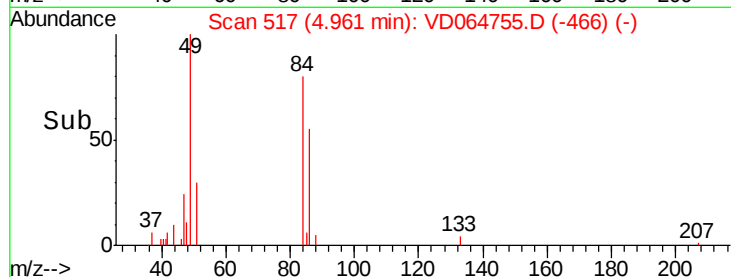
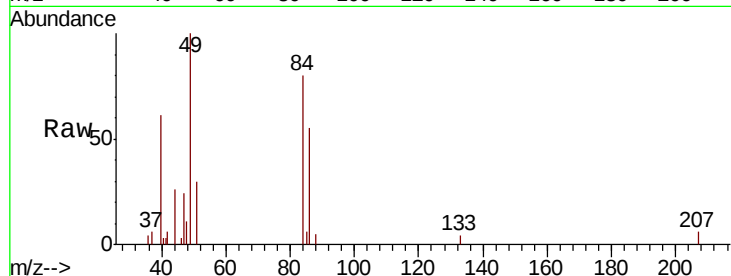




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064755.D
Acq: 04 Jan 2020 02:33

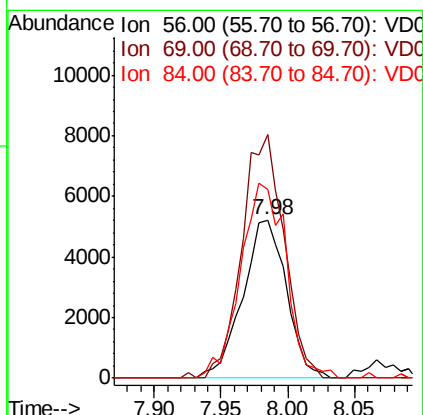
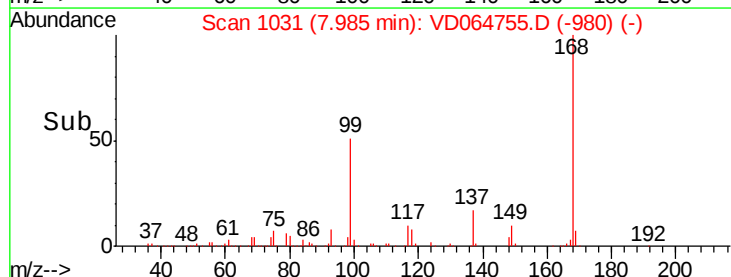
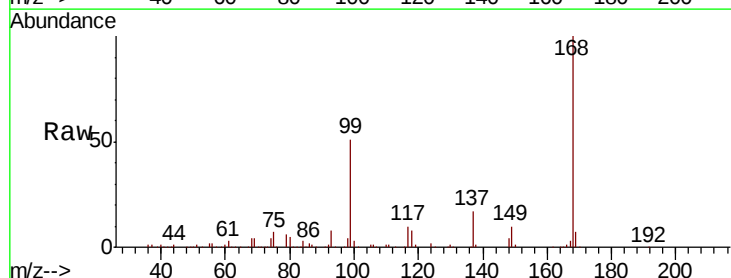
Instrument :
MSVOA_D
ClientSampleId :

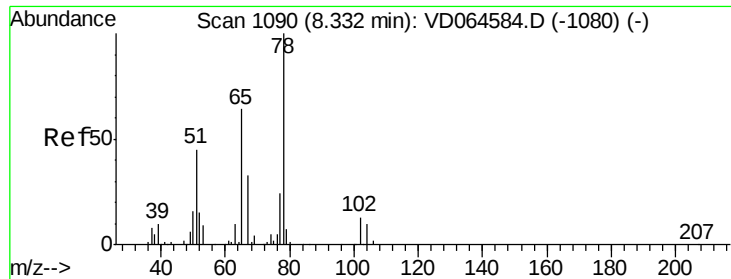
Tot Ion: 84 Resp: 10665
Ion Ratio Lower Upper
84 100
49 125.4 97.2 145.8
51 37.9 31.4 47.0
86 68.7 49.3 73.9



#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064755.D
Acq: 04 Jan 2020 02:33

Tgt Ion: 56 Resp: 11812
Ion Ratio Lower Upper
56 100
69 154.1 24.7 37.1#
84 119.5 69.4 104.2#

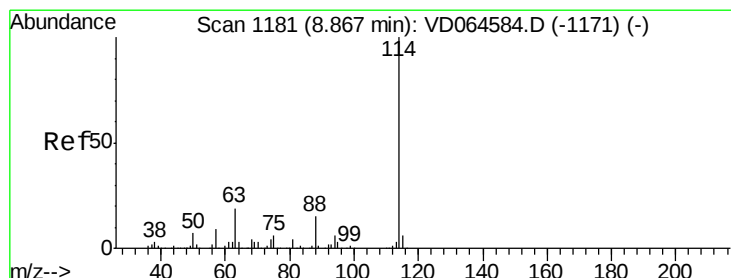
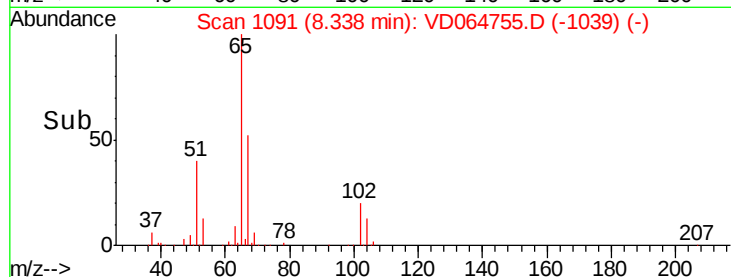
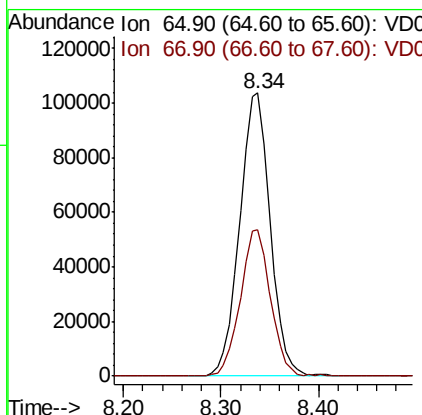
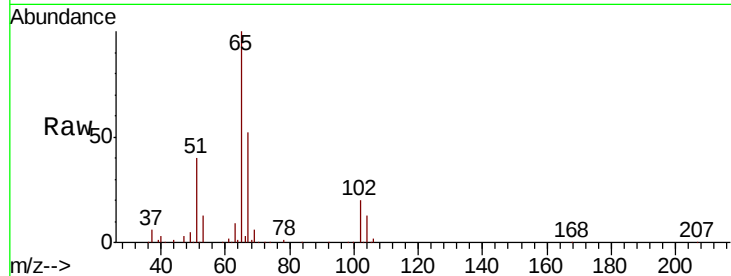




#33
 1,2-Dichloroethane-d4
 Concen: 51.695 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

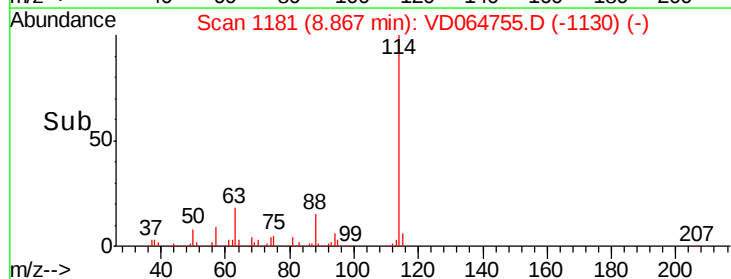
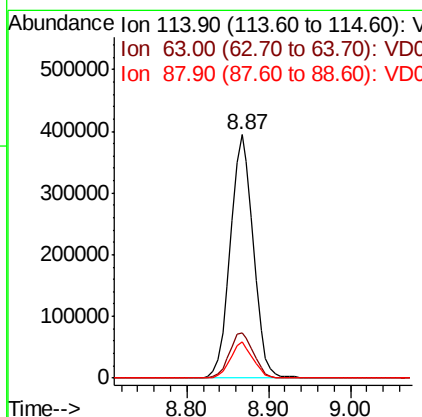
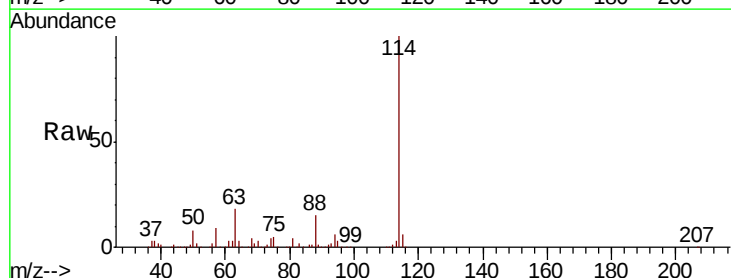
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 226853
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

Tgt Ion: 114 Resp: 769735
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.0
 88 15.1 0.0 29.2

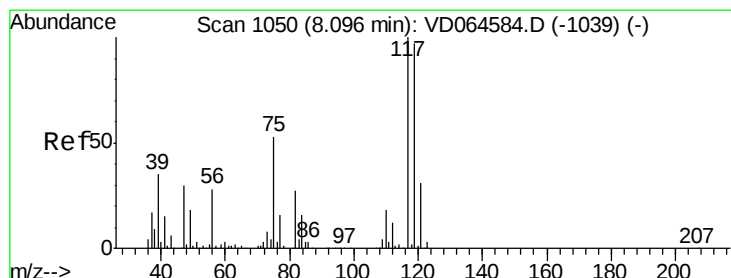
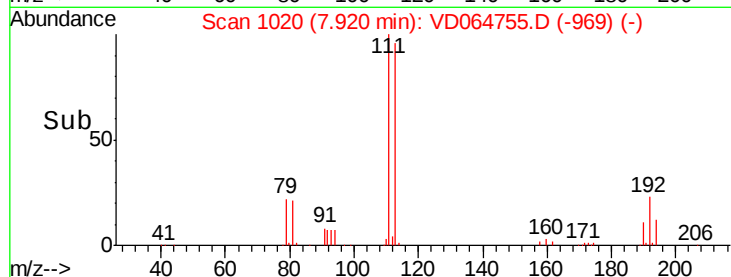
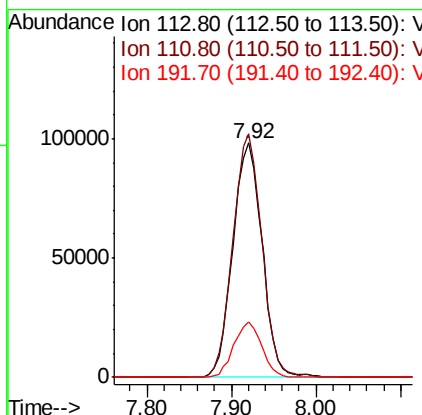
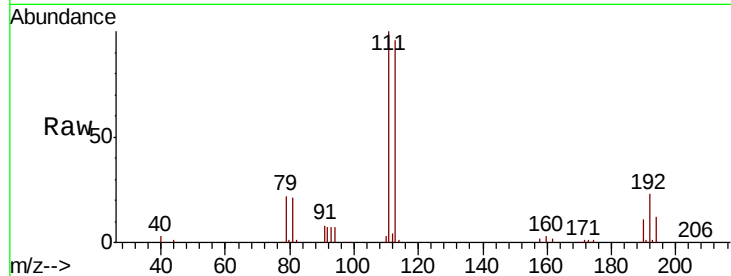




#35
 Dibromofluoromethane
 Concen: 49.919 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

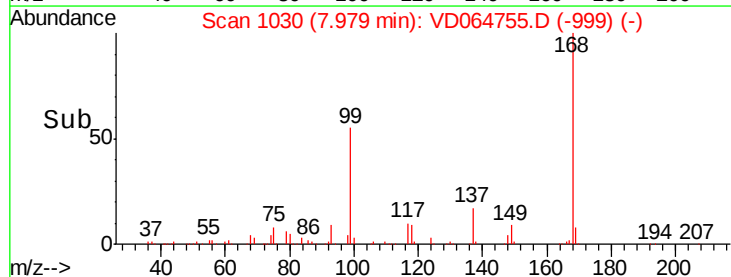
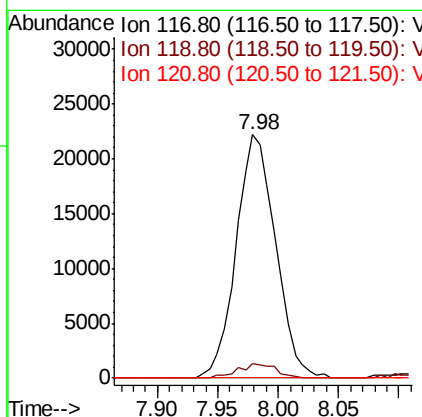
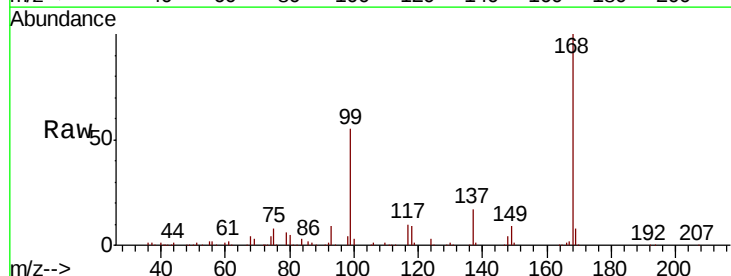
Instrument :
 MSVOA_D
 ClientSampleId :

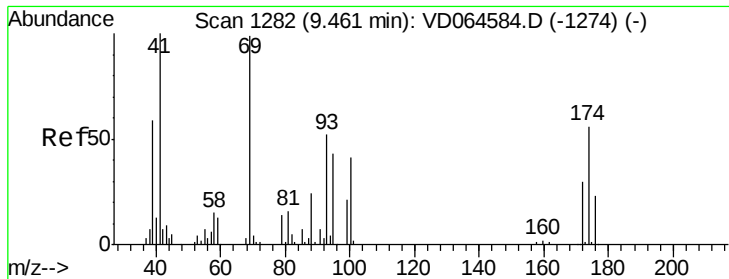
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.5	17.9	26.9



#38
 Carbon Tetrachloride
 Concen: 6.397 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064755.D
 Acq: 04 Jan 2020 02:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.3	115.9#
121	0.0	25.0	37.6#





#49

1,4-Dioxane

Concen: 2.029 ug/l

RT: 9.51 min Scan# 1290

Delta R.T. 0.05 min

Lab File: VD064755.D

Acq: 04 Jan 2020 02:33

Instrument :
MSVOA_D
ClientSampleId :

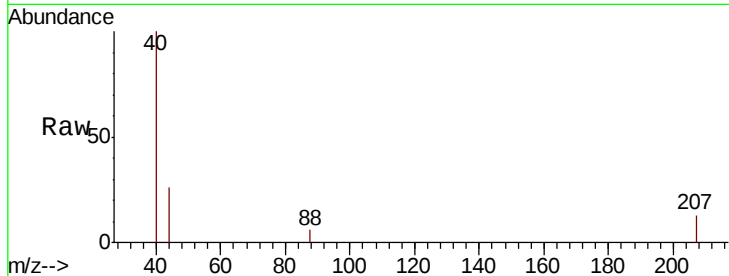
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

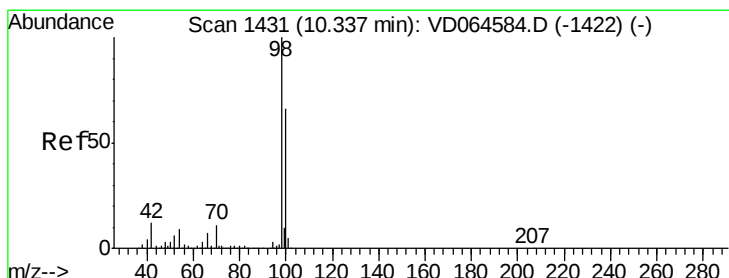
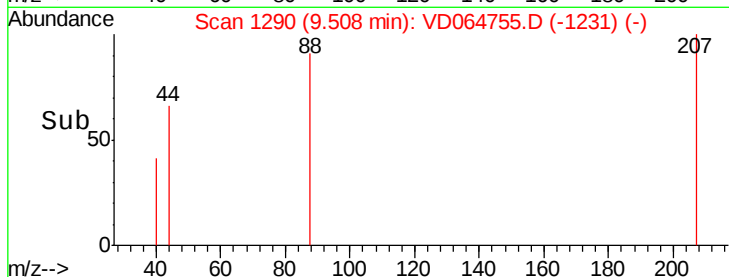
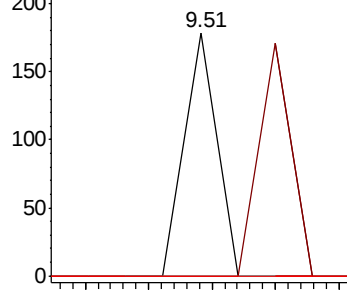
88 100

43 95.2 27.7 41.5#

58 0.0 53.8 80.6#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.523 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064755.D

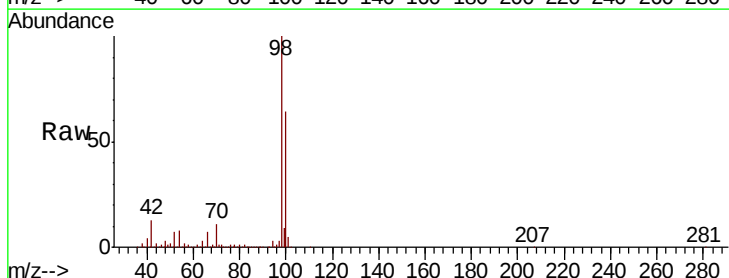
Acq: 04 Jan 2020 02:33

Tgt Ion: 98 Resp: 931868

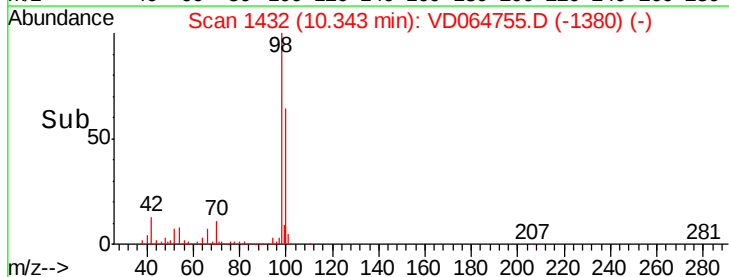
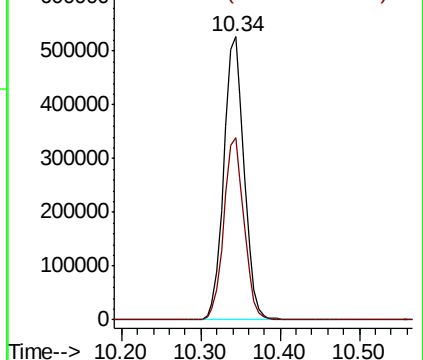
Ion Ratio Lower Upper

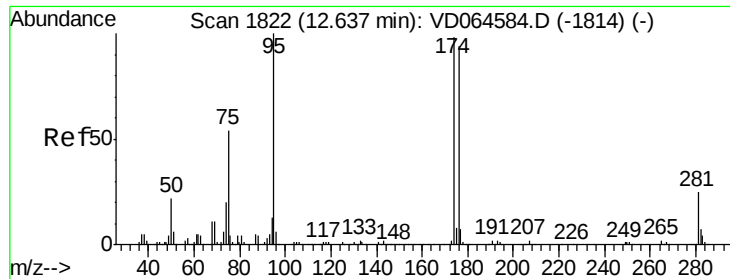
98 100

100 64.1 51.7 77.5



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

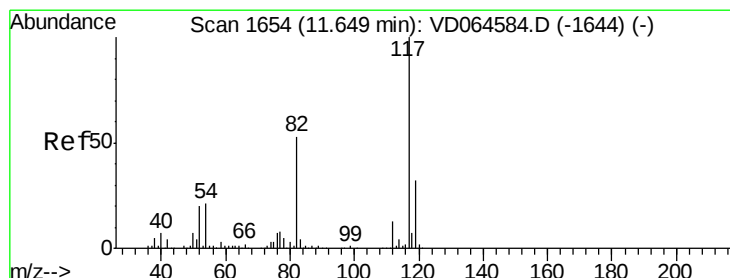
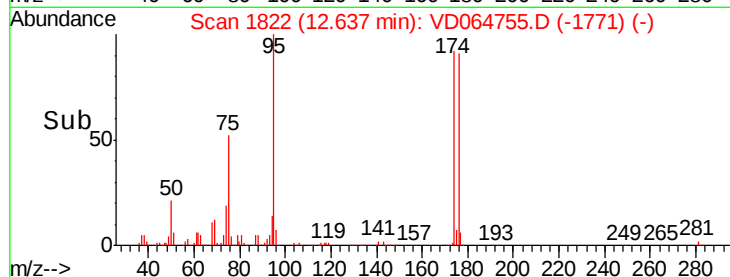
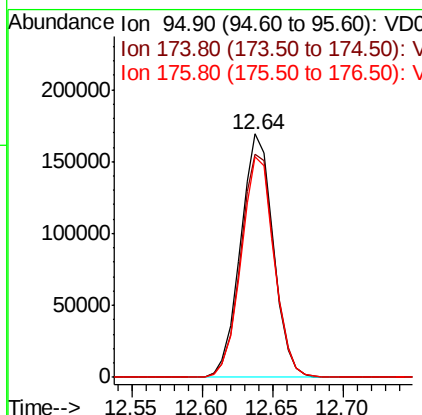
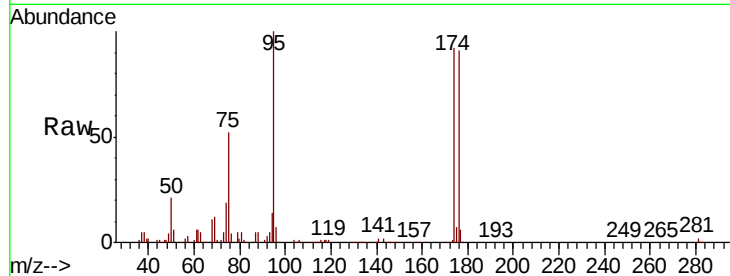




#62
4-Bromofluorobenzene
Concen: 47.981 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064755.D
Acq: 04 Jan 2020 02:33

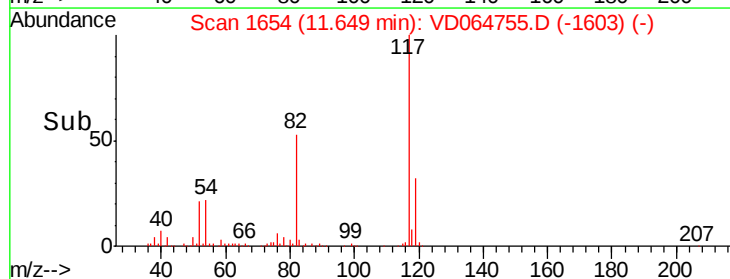
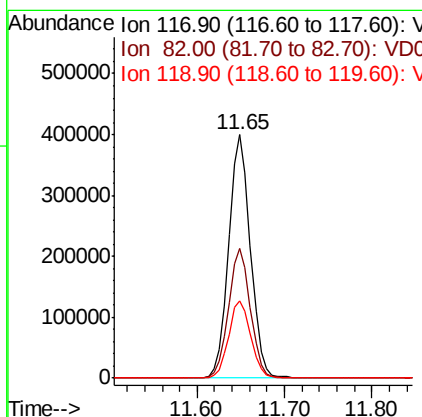
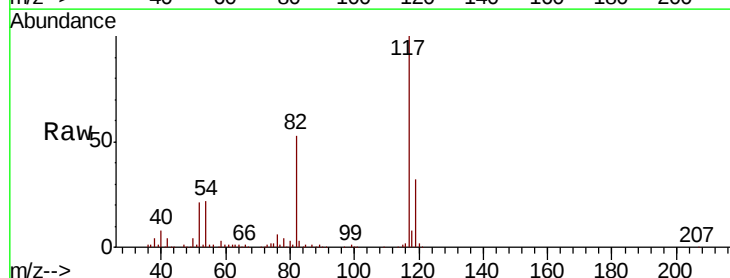
Instrument :
MSVOA_D
ClientSampleId :

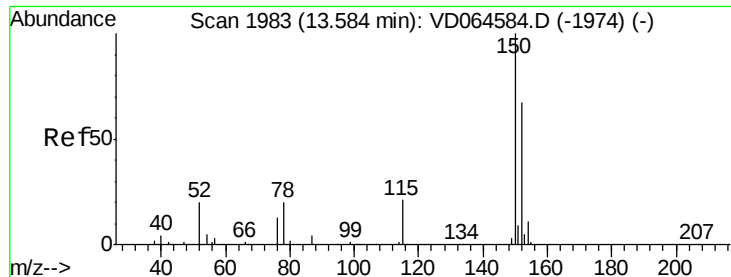
Tot Ion: 95 Resp: 274409
Ion Ratio Lower Upper
95 100
174 94.4 0.0 193.2
176 91.2 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064755.D
Acq: 04 Jan 2020 02:33

Tgt Ion: 117 Resp: 675696
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064755.D

Acq: 04 Jan 2020 02:33

Instrument :

MSVOA_D

ClientSampleId :

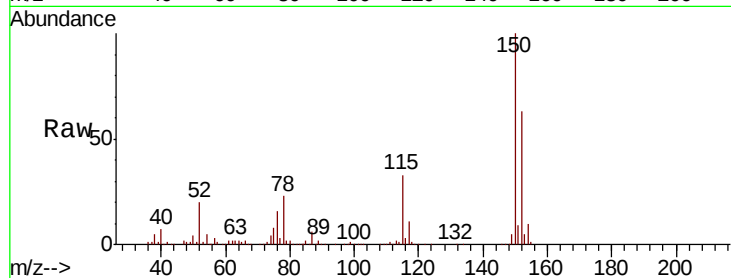
Tot Ion:152 Resp: 305595

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.4

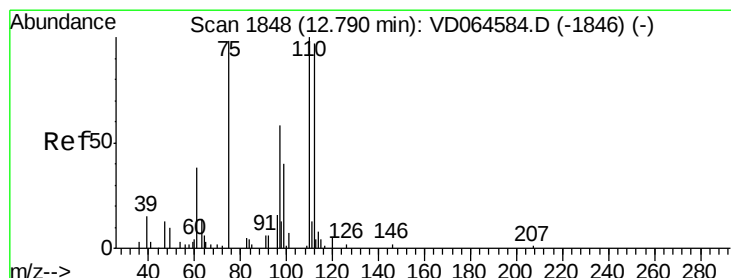
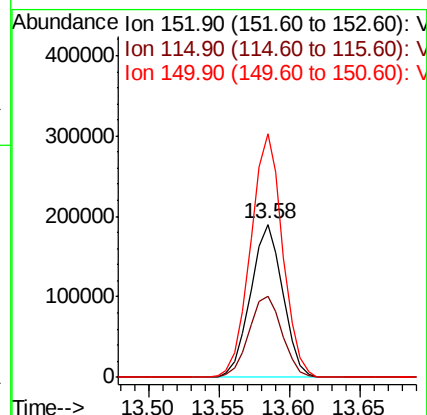
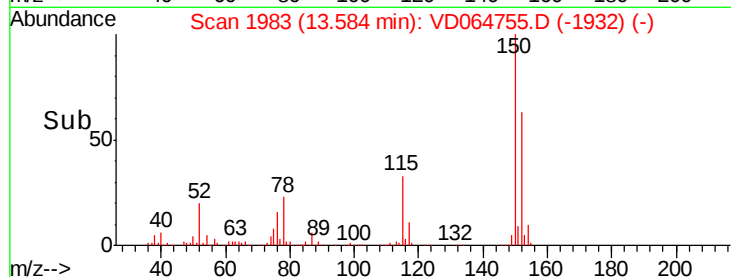
150 157.2 0.0 351.4



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: 60.968 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064755.D

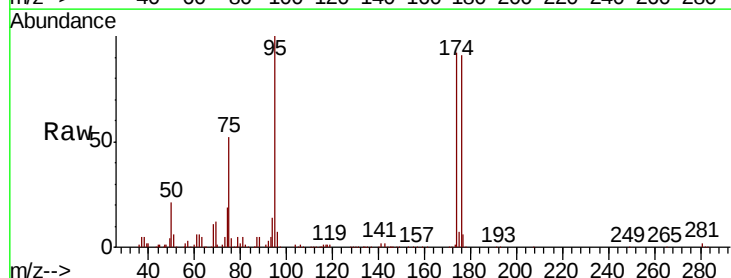
Acq: 04 Jan 2020 02:33

Tgt Ion: 75 Resp: 147127

Ion Ratio Lower Upper

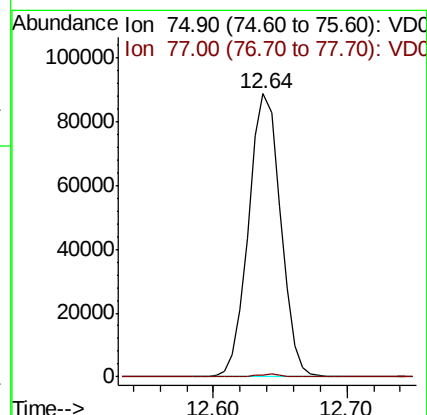
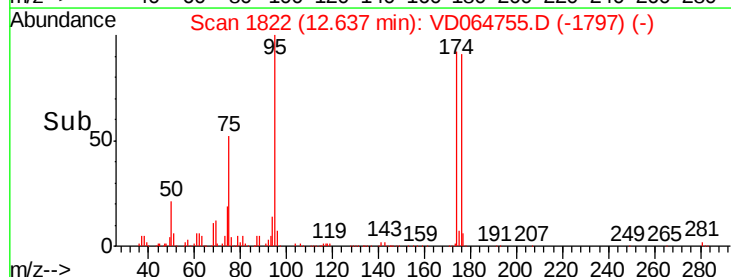
75 100

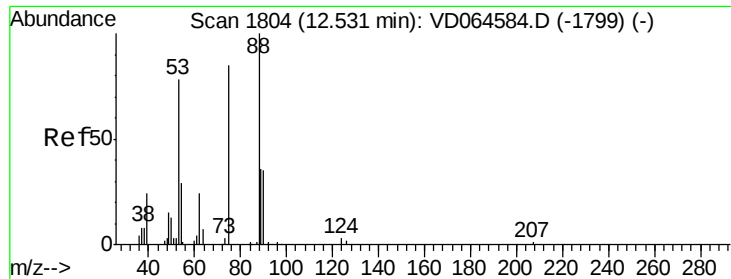
77 1.0 0.0 0.0#



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: 127.514 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064755.D

Acq: 04 Jan 2020 02:33

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 147127

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

