

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
 Data File : VD066272.D
 Acq On : 18 Aug 2020 12:33
 Operator : VA/SY
 Sample : VD0818SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL01

Quant Time: Aug 18 13:47:49 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	7.98	168	240276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	361957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	120903	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
35) Dibromofluoromethane	7.91	113	119417	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.34	98	427059	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.64	95	151940	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

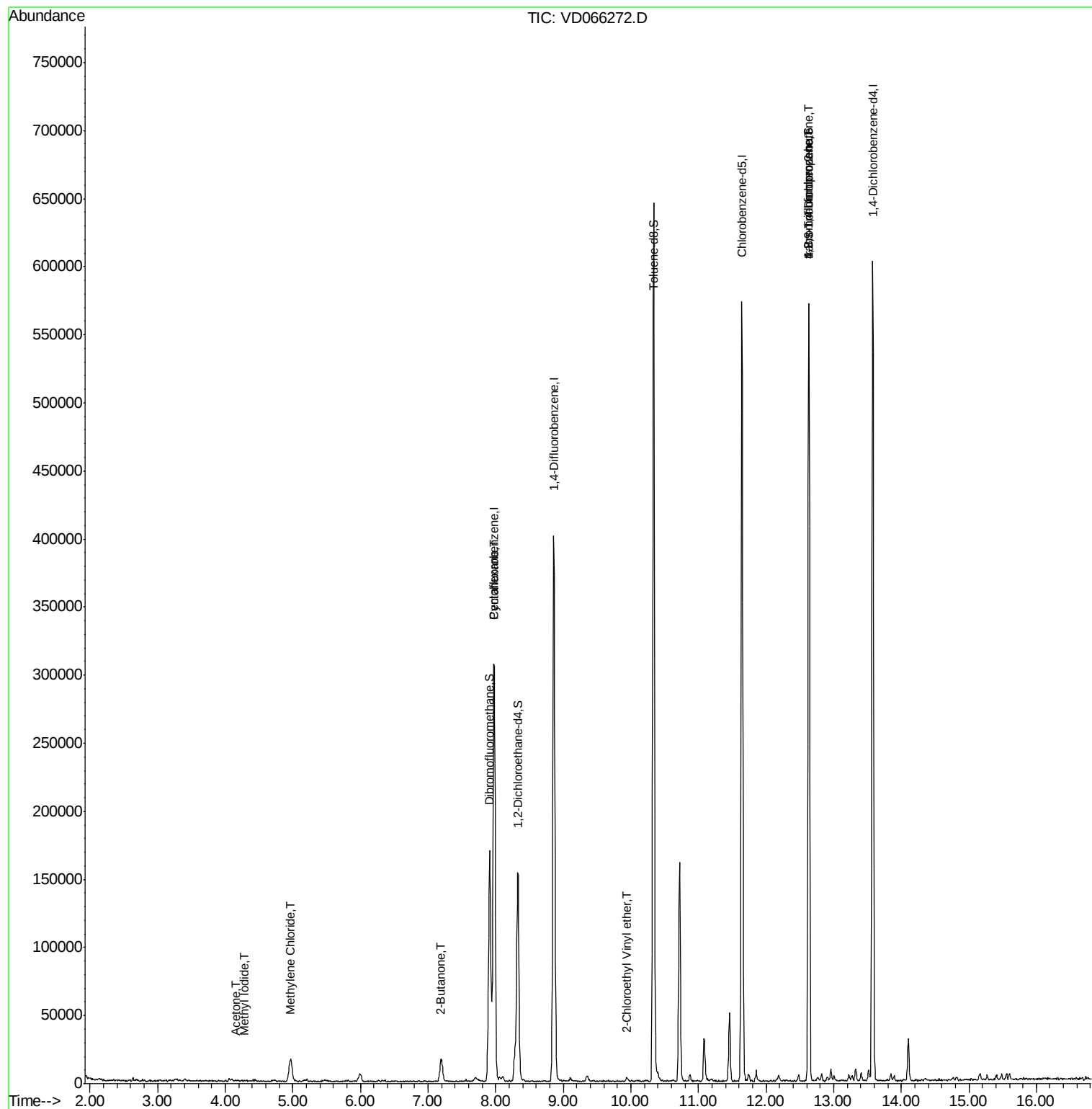
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	375	6.869	ug/l #	39
11) Tert butyl alcohol	5.24	59	138	Below Cal	#	76
16) Acetone	4.16	43	1749	4.300	ug/l #	44
20) Methylene Chloride	4.96	84	13494	1.227	ug/l	87
25) 2-Butanone	7.18	43	1252	2.093	ug/l #	47
31) Cyclohexane	7.97	56	5861	1.561	ug/l #	41
58) 2-Chloroethyl Vinyl ether	9.94	63	1605	1.623	ug/l #	73
76) 1,2,3-Trichloropropane	12.64	75	76761	54.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	76761	120.048	ug/l #	13

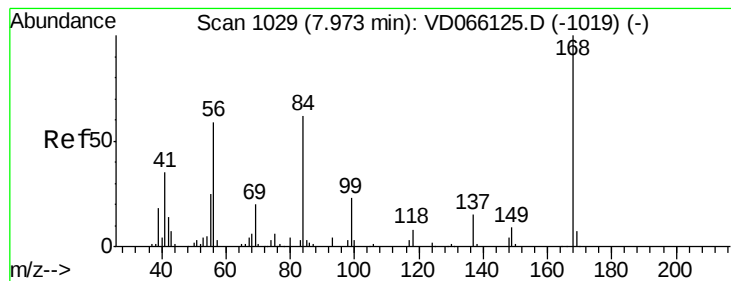
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
Data File : VD066272.D
Acq On : 18 Aug 2020 12:33
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

Quant Time: Aug 18 13:47:49 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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

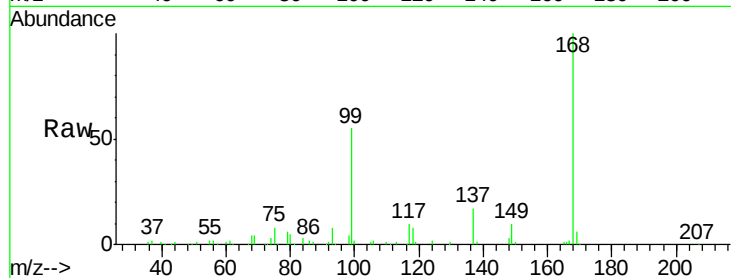
VD0818SBL01

Tgt Ion:168 Resp: 240276

Ion Ratio Lower Upper

168 100

99 54.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

120000

100000

80000

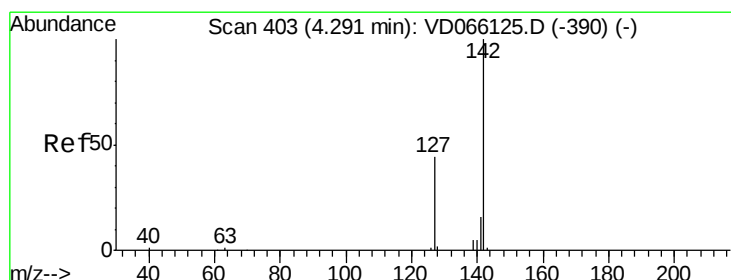
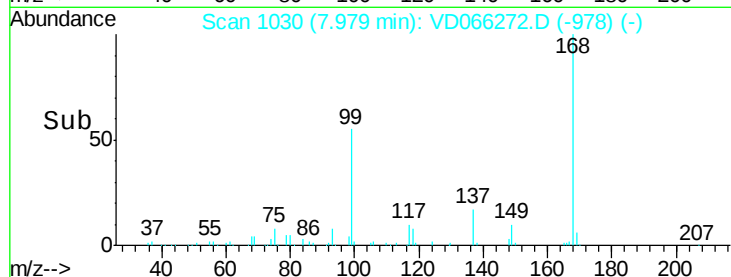
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.869 ug/l

RT: 4.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

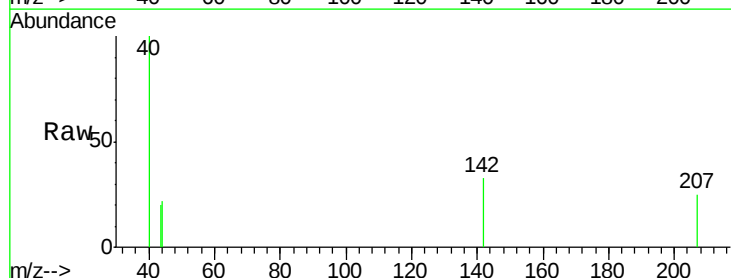
Tgt Ion:142 Resp: 375

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

4.28

600

500

400

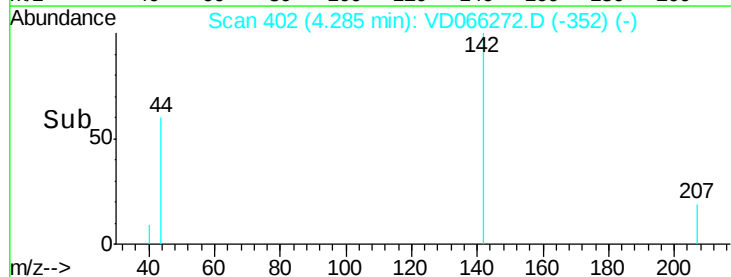
300

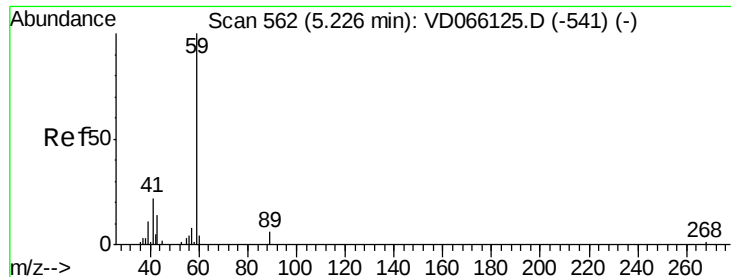
200

100

0

Time-->

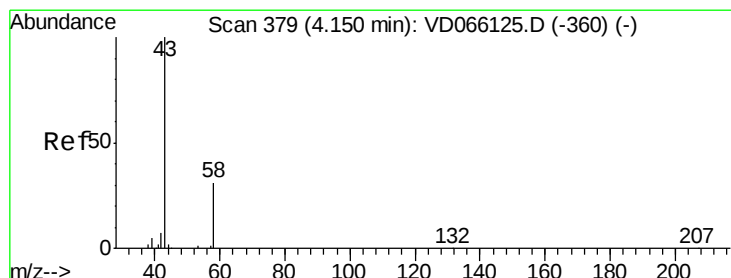
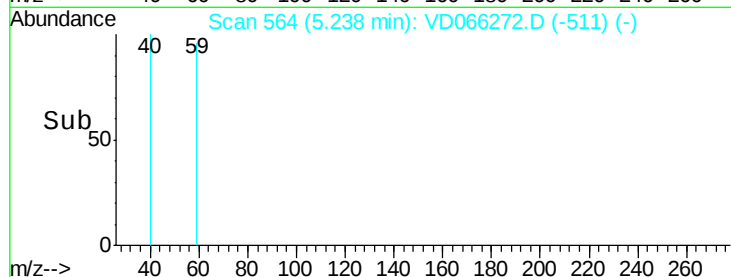
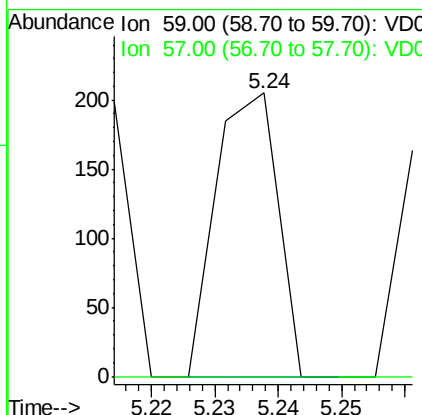
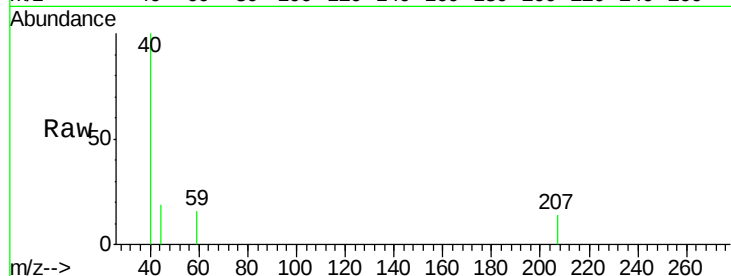




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

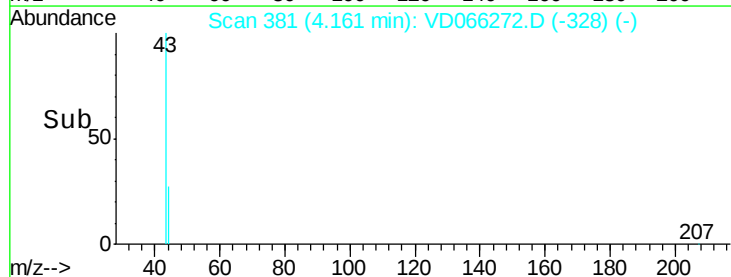
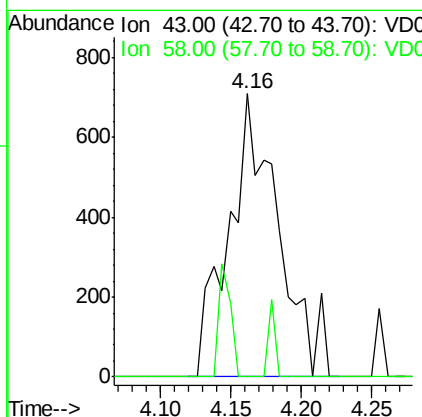
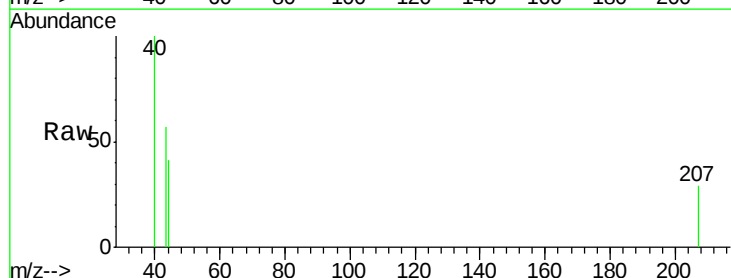
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

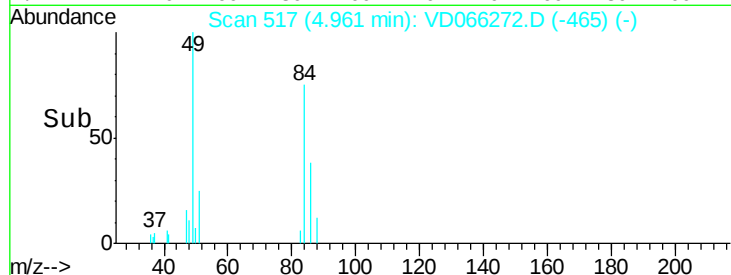
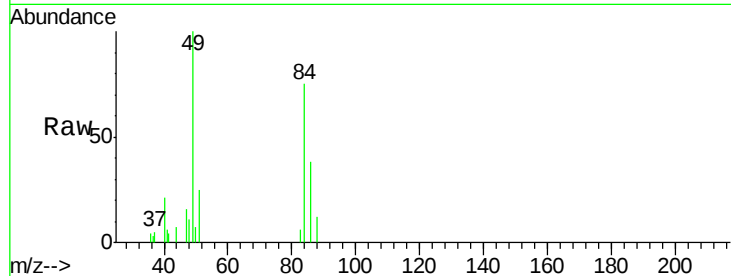
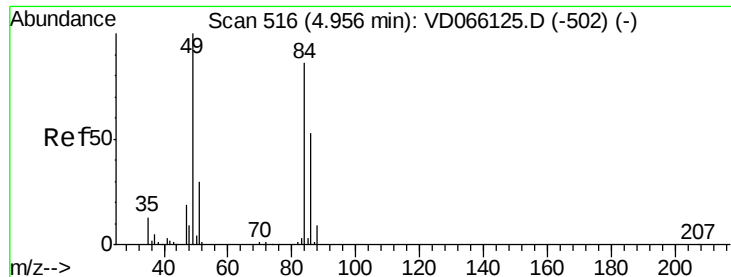
Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#



#16
Acetone
Concen: 4.300 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#

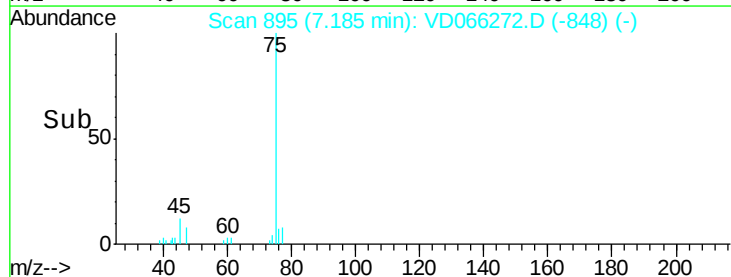
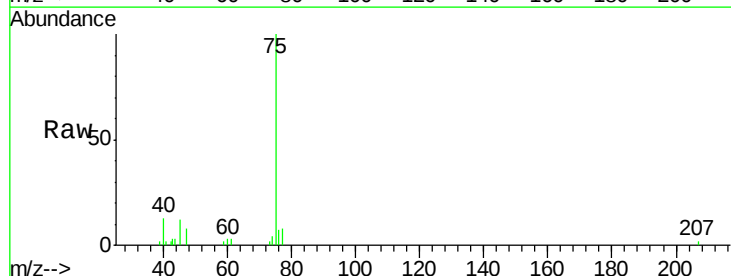
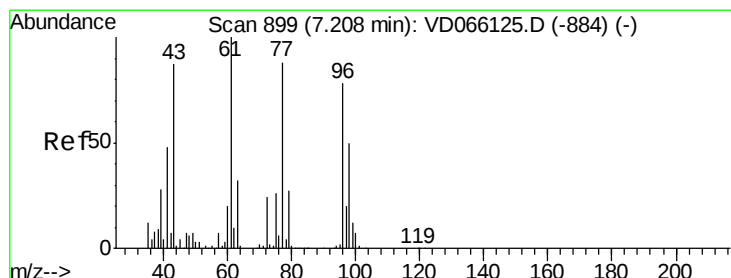
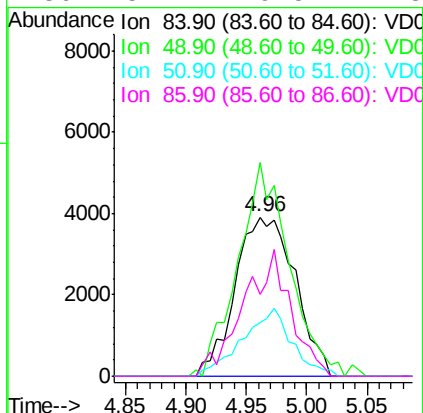




#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

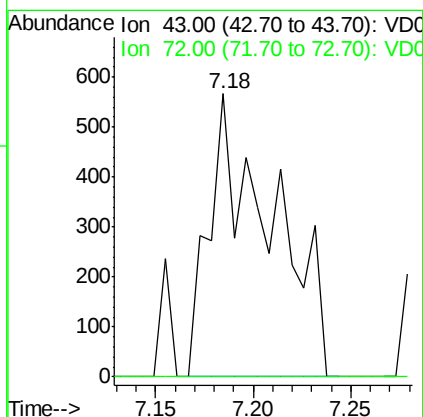
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

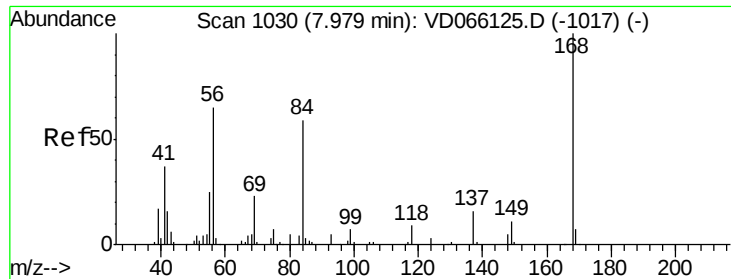
Tgt Ion:	84	Resp:	13494
Ion	Ratio	Lower	Upper
84	100		
49	134.2	93.5	140.3
51	33.9	28.2	42.4
86	51.1	49.5	74.3



#25
2-Butanone
Concen: 2.093 ug/l
RT: 7.18 min Scan# 895
Delta R.T. -0.02 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

Tgt Ion:	43	Resp:	1252
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#

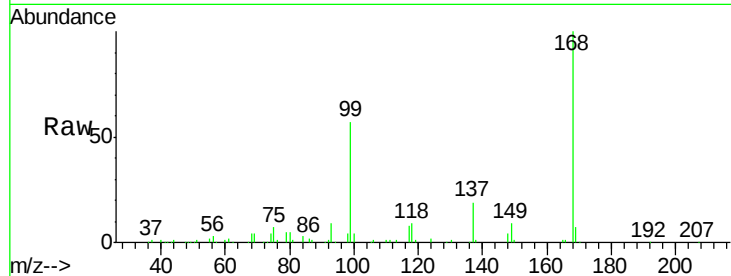




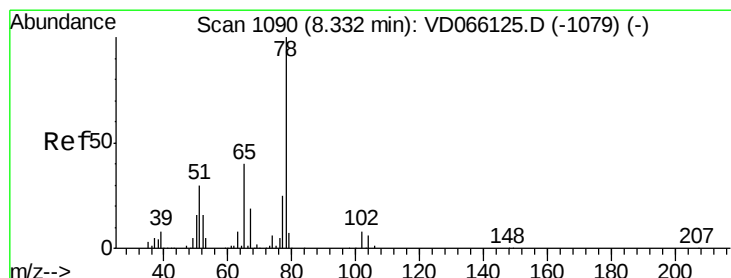
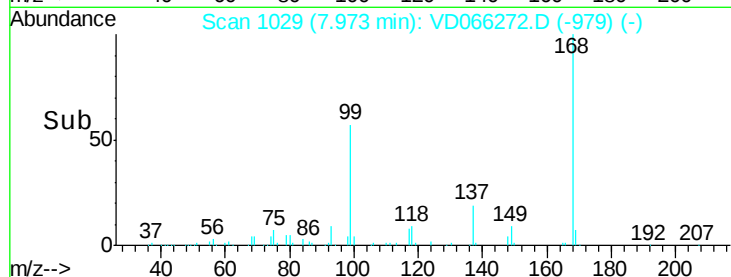
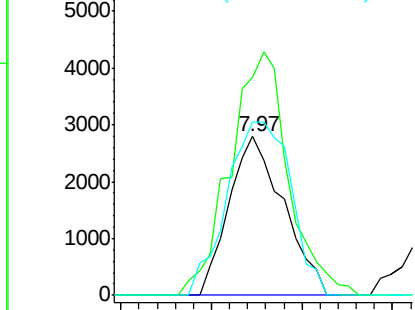
#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

Tgt Ion: 56 Resp: 5861
Ion Ratio Lower Upper
56 100
69 130.5 28.8 43.2#
84 109.0 73.0 109.6

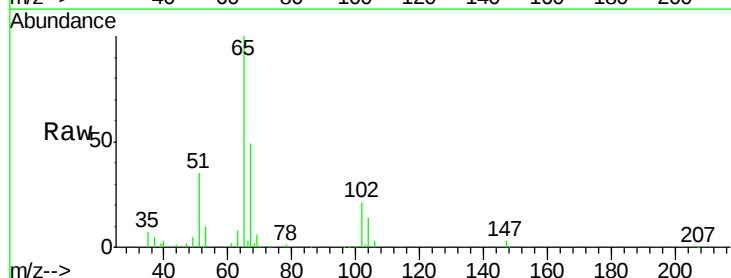


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

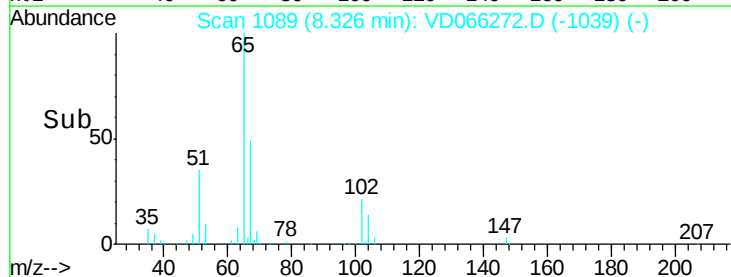
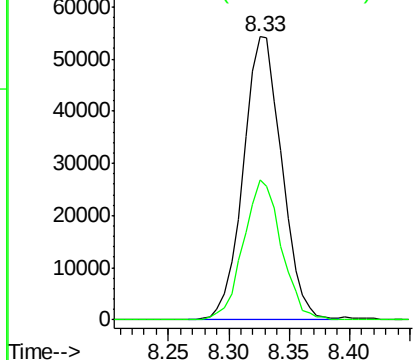


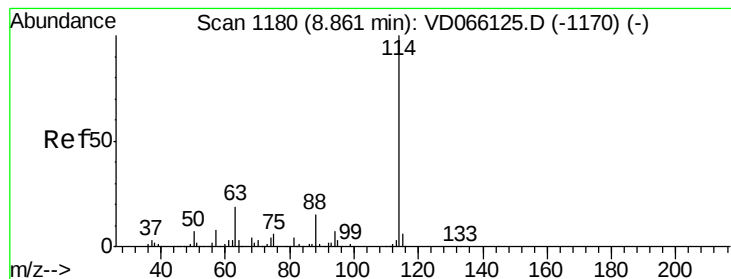
#33
1,2-Dichloroethane-d4
Concen: 56.401 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

Tgt Ion: 65 Resp: 120903
Ion Ratio Lower Upper
65 100
67 48.7 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: VD066272.D

Acq: 18 Aug 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBL01

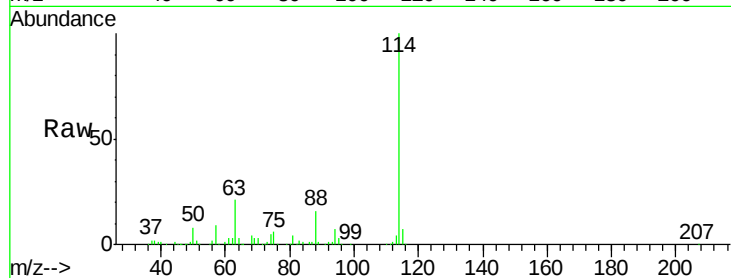
Tgt Ion:114 Resp: 361957

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.6

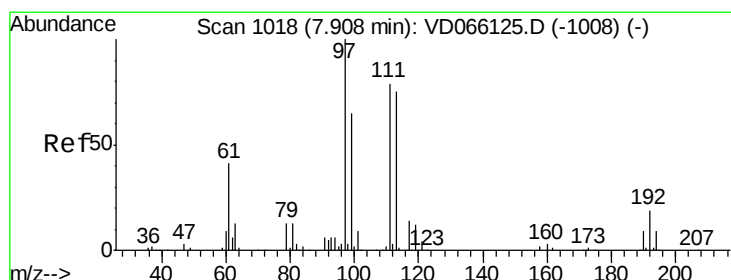
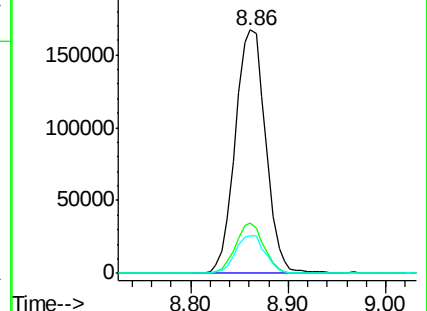
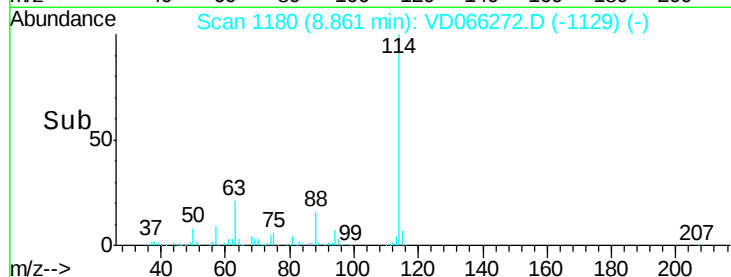
88 15.6 0.0 30.0



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: 52.080 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

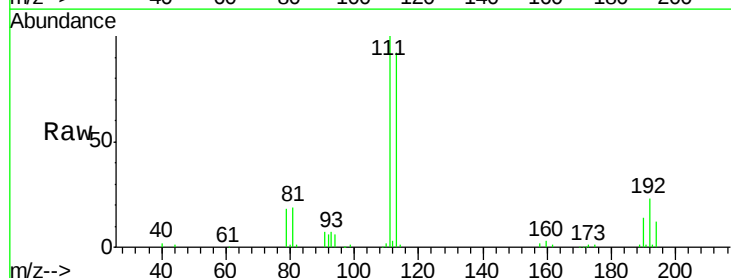
Tgt Ion:113 Resp: 119417

Ion Ratio Lower Upper

113 100

111 102.9 80.7 121.1

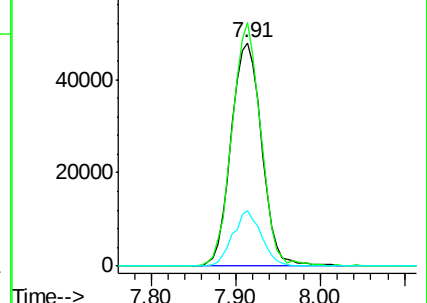
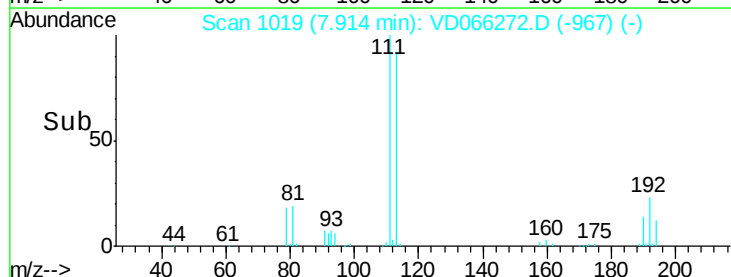
192 23.0 18.4 27.6

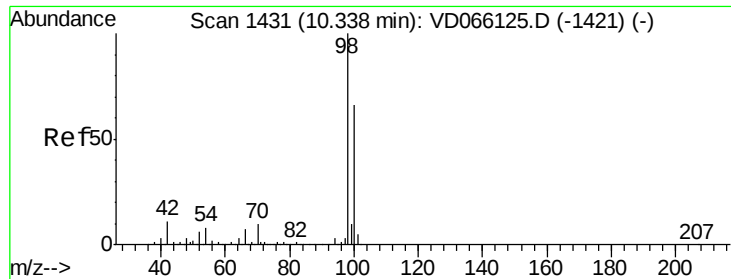


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

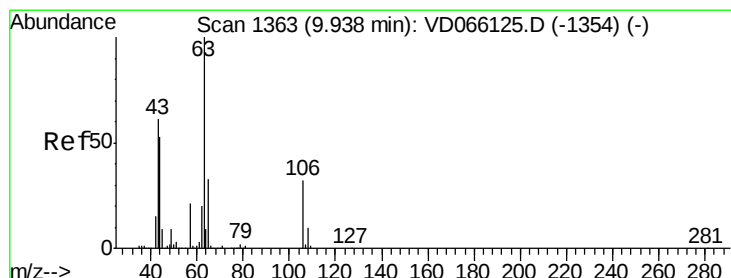
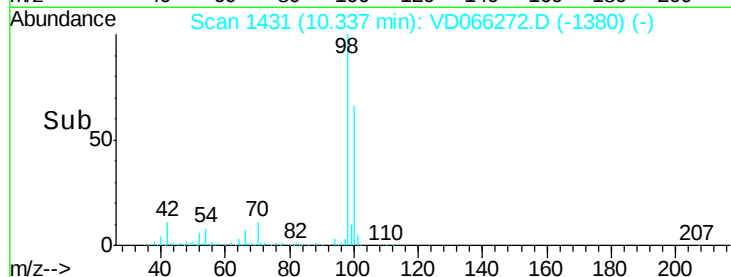
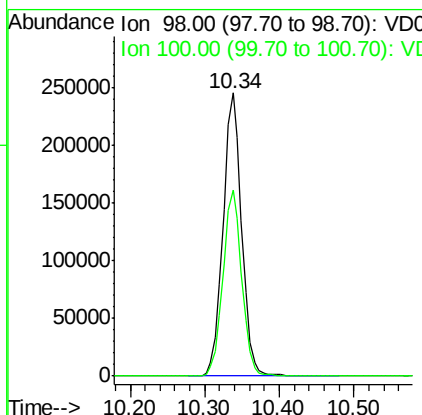
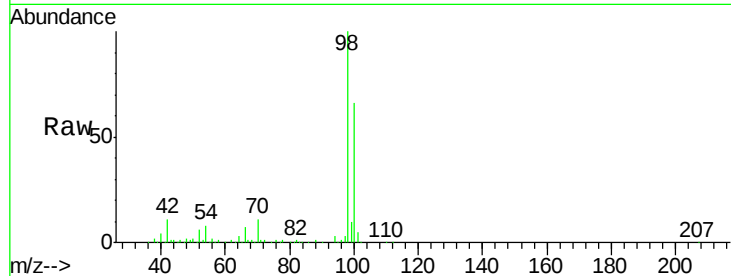




#50
Toluene-d8
Concen: 50.470 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

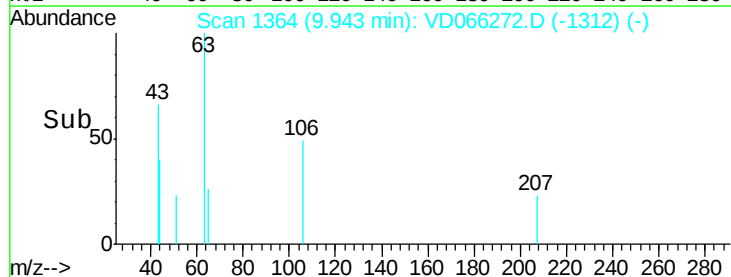
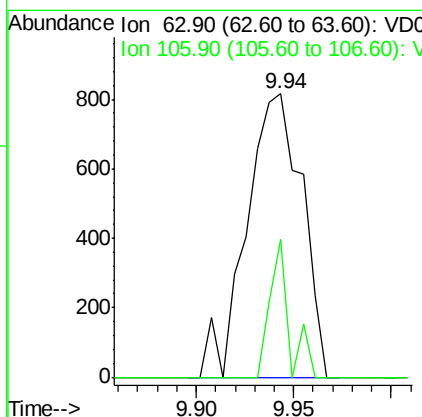
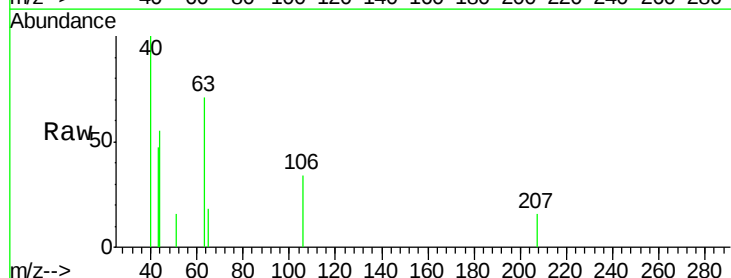
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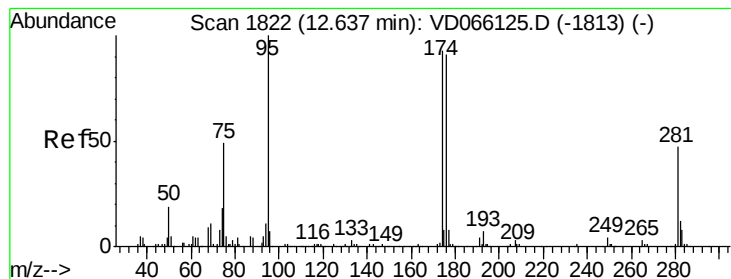
Tgt Ion: 98 Resp: 427059
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 1.623 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VD066272.D
Acq: 18 Aug 2020 12:33

Tgt Ion: 63 Resp: 1605
Ion Ratio Lower Upper
63 100
106 16.9 25.3 37.9#





#62

4-Bromofluorobenzene

Concen: 49.815 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBL01

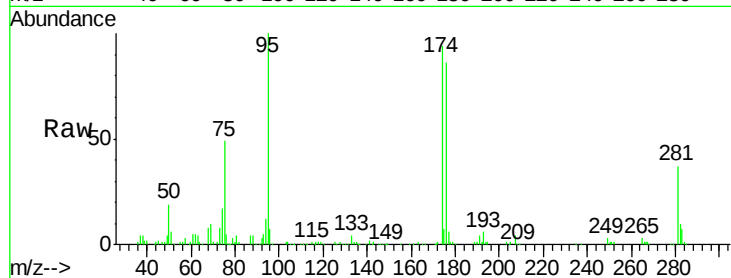
Tgt Ion: 95 Resp: 151940

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

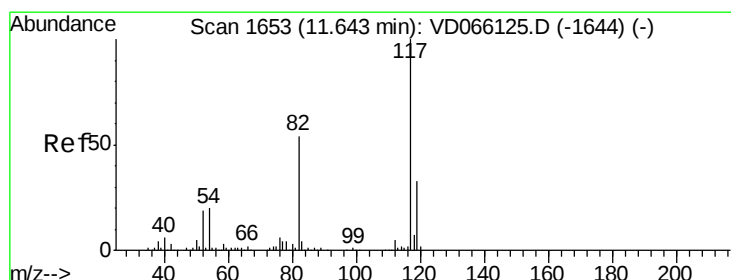
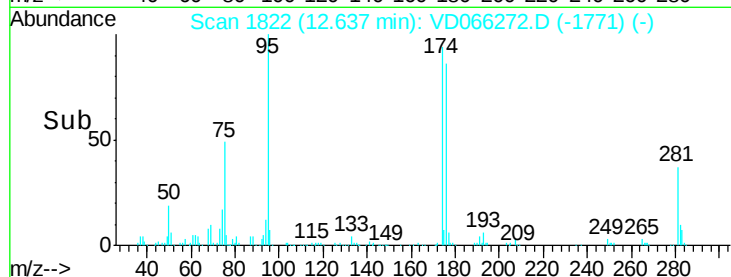
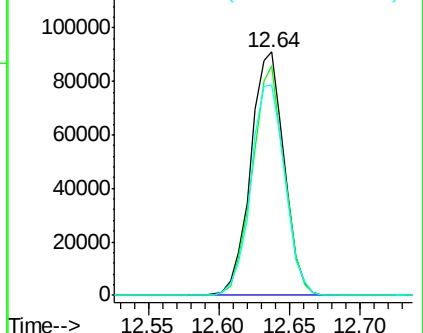
176 87.8 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

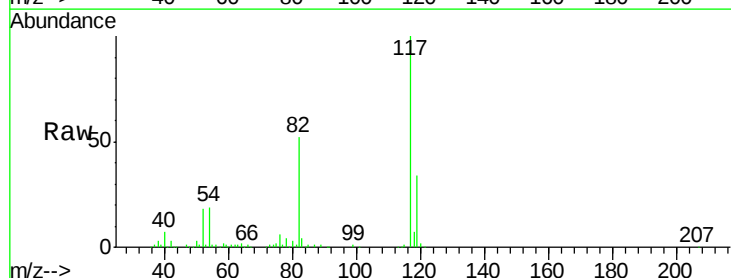
Tgt Ion: 117 Resp: 334418

Ion Ratio Lower Upper

117 100

82 51.5 43.0 64.4

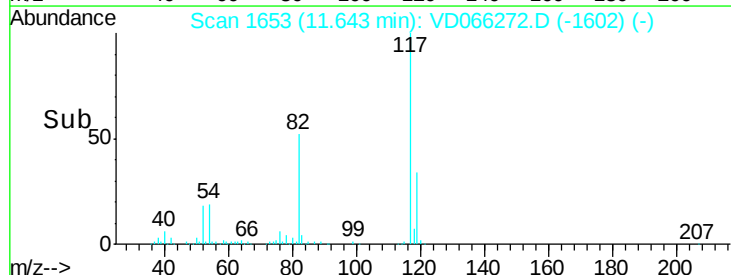
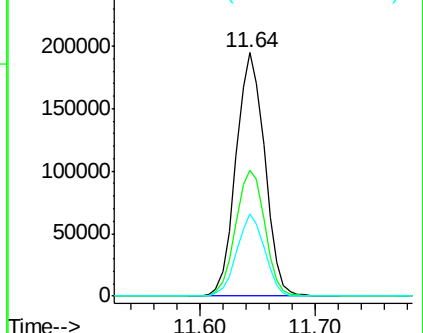
119 33.7 26.1 39.1

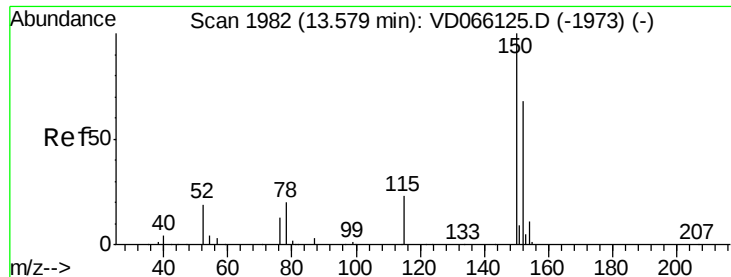


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBL01

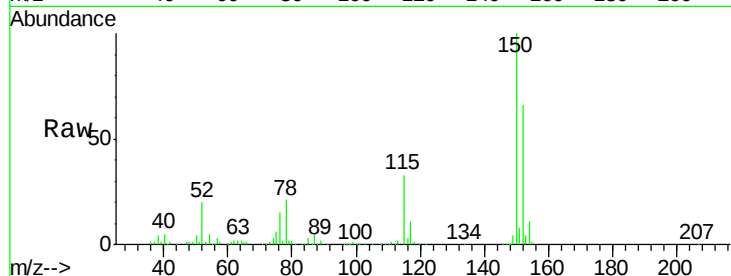
Tgt Ion:152 Resp: 169495

Ion Ratio Lower Upper

152 100

115 54.5 28.0 83.9

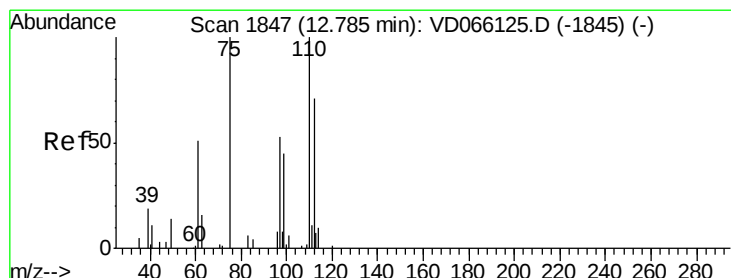
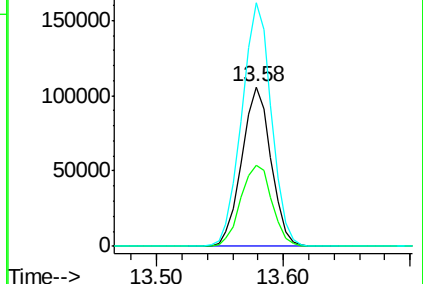
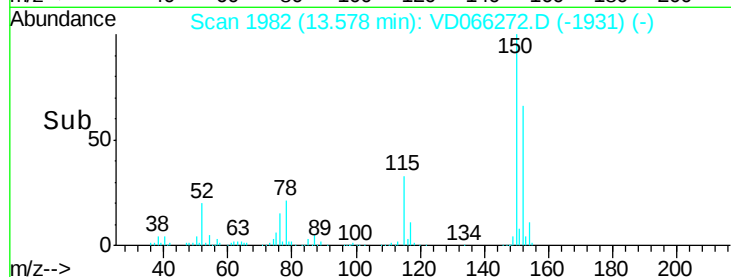
150 154.9 0.0 346.4



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: 54.307 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066272.D

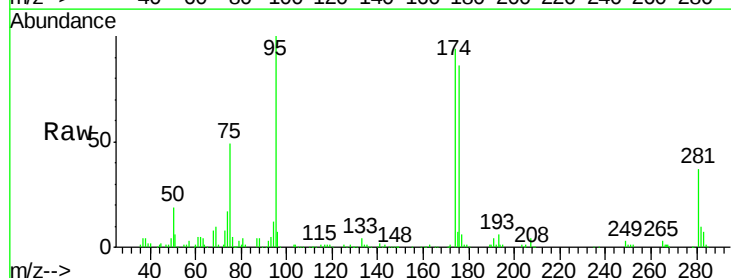
Acq: 18 Aug 2020 12:33

Tgt Ion: 75 Resp: 76761

Ion Ratio Lower Upper

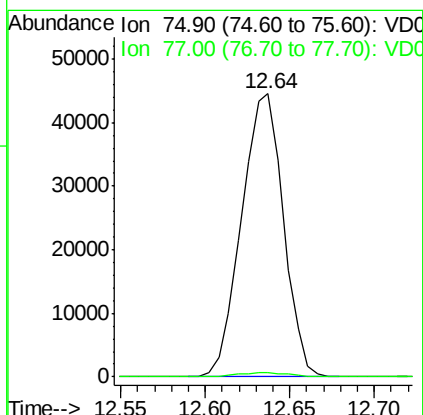
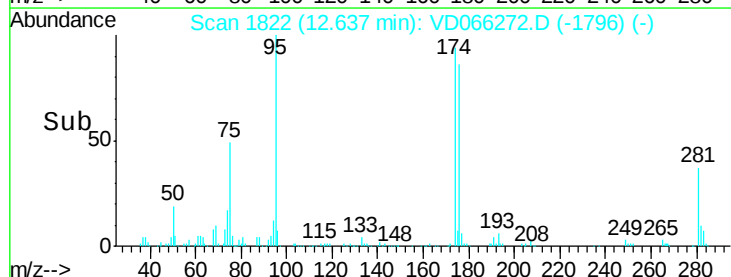
75 100

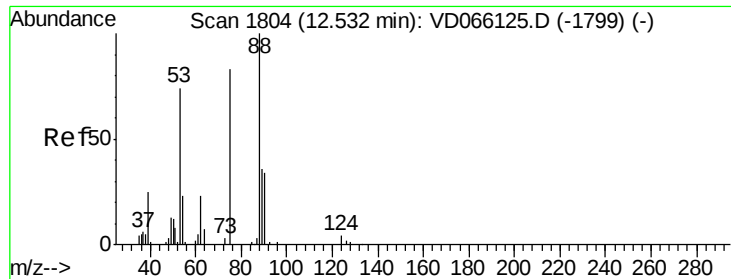
77 1.7 0.0 0.0#



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: 120.048 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066272.D

Acq: 18 Aug 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBL01

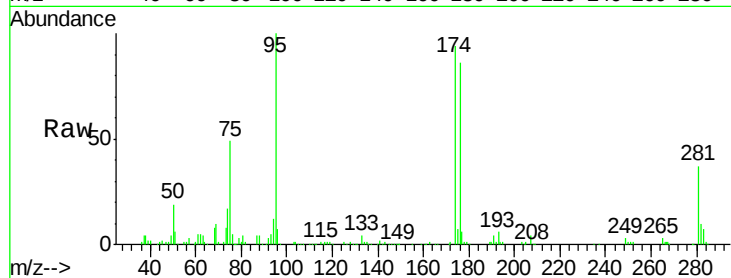
Tgt Ion: 75 Resp: 76761

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.4 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

