

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
 Data File : VD064151.D
 Acq On : 01 Nov 2019 17:29
 Operator : VA/SY
 Sample : K5661-02RE
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-2

Quant Time: Nov 01 18:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	237216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	249451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	124499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	65002	54.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.84%	
35) Dibromofluoromethane	7.92	113	73906	50.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.28%	
50) Toluene-d8	10.34	98	288959	49.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.64	95	98637	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	

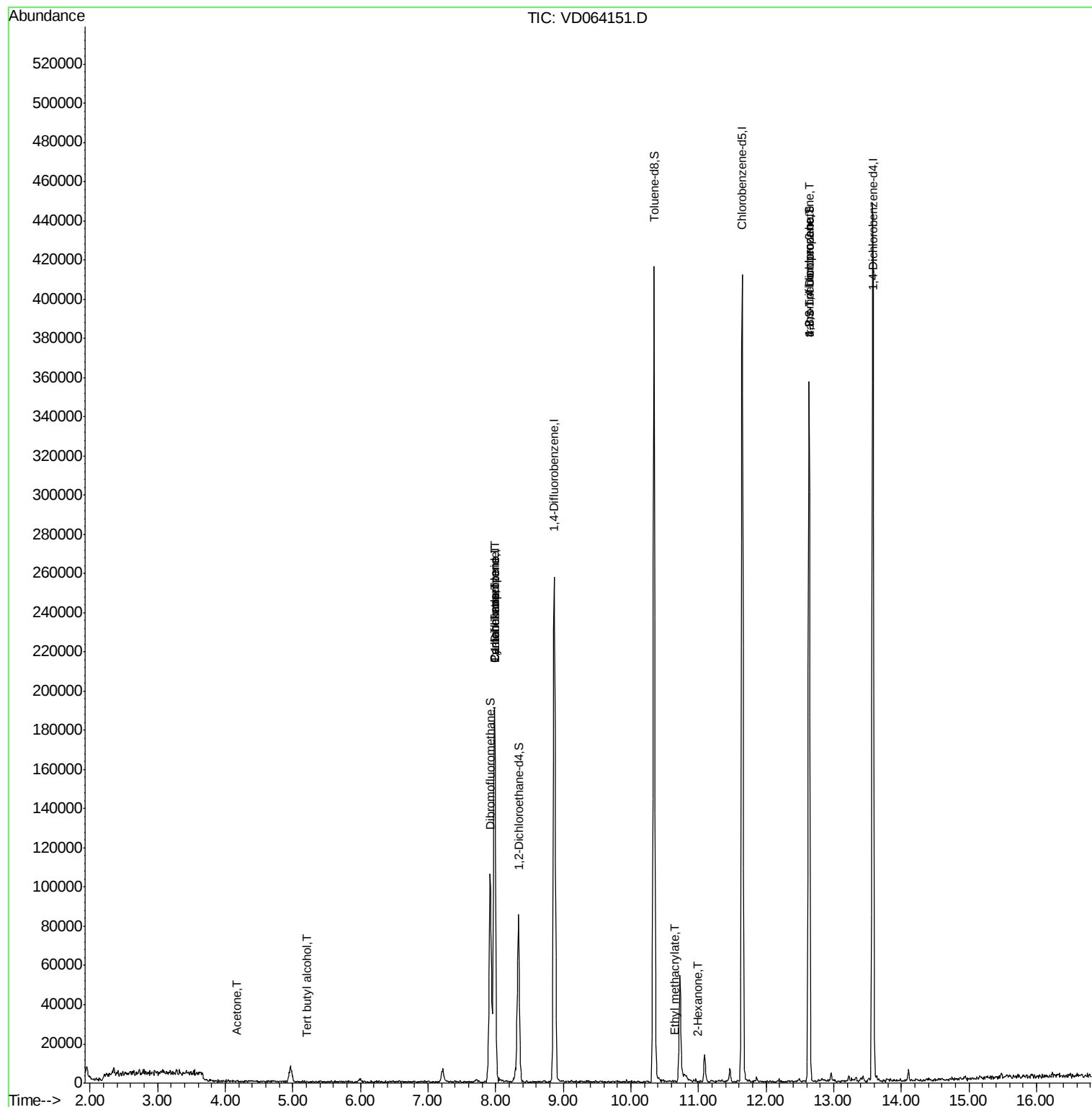
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	55	6.971	ug/l #	71
16) Acetone	4.17	43	290	1.276	ug/l #	42
20) Methylene Chloride	4.96	84	5505	Below Cal	#	72
31) Cyclohexane	7.99	56	3153	1.419	ug/l #	56
36) 1,1-Dichloropropene	7.98	75	10113	4.550	ug/l #	49
38) Carbon Tetrachloride	7.98	117	14927	6.155	ug/l #	18
56) Ethyl methacrylate	10.65	69	67	3.062	ug/l #	29
59) 2-Hexanone	11.00	43	97	9.172	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	52294	62.511	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	52294	127.663	ug/l #	15

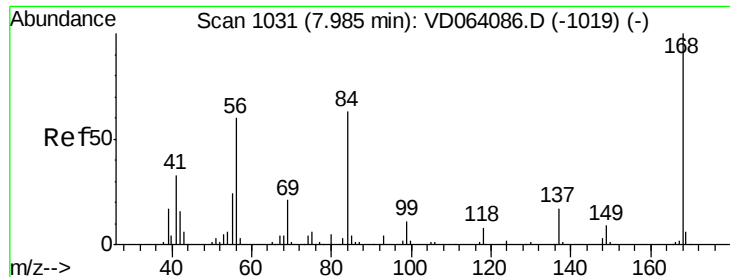
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
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Quant Time: Nov 01 18:27:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
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: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

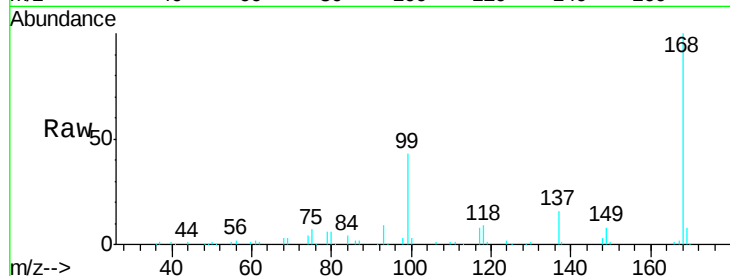
T-2

Tgt Ion:168 Resp: 150197

Ion Ratio Lower Upper

168 100

99 42.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

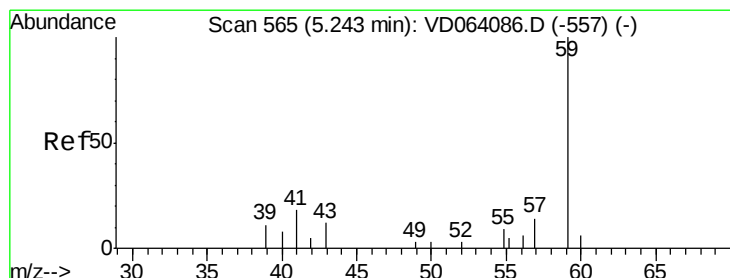
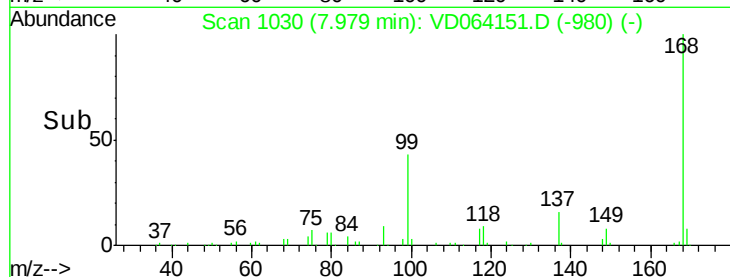
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 6.971 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.04 min

Lab File: VD064151.D

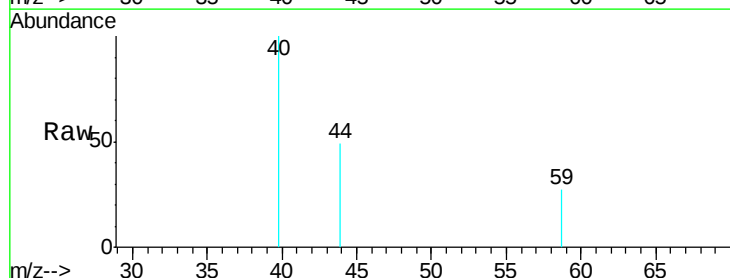
Acq: 01 Nov 2019 17:29

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.20

150

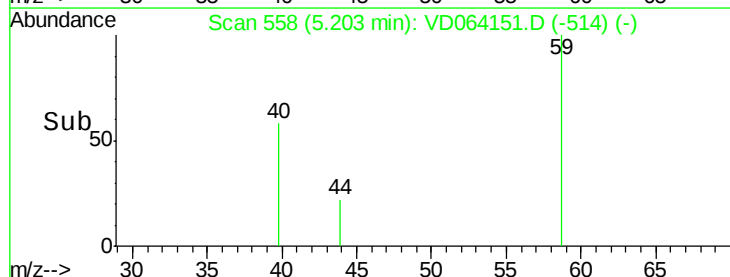
100

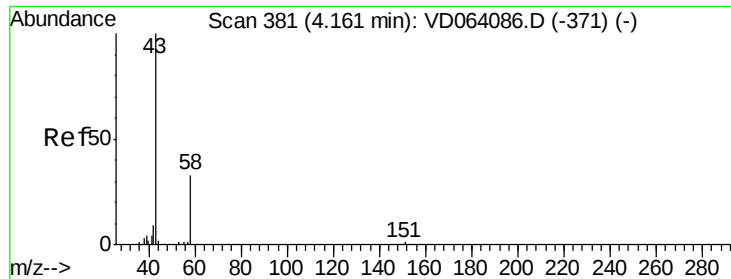
50

0

5.18 5.19 5.20 5.21 5.22

Time-->





#16

Acetone

Concen: 1.276 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

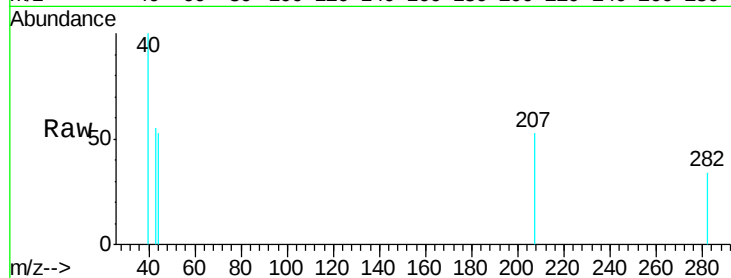
T-2

Tgt Ion: 43 Resp: 290

Ion Ratio Lower Upper

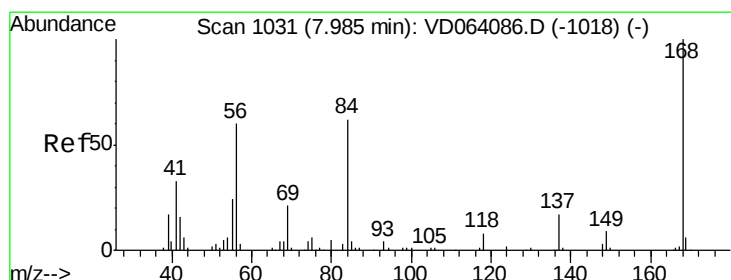
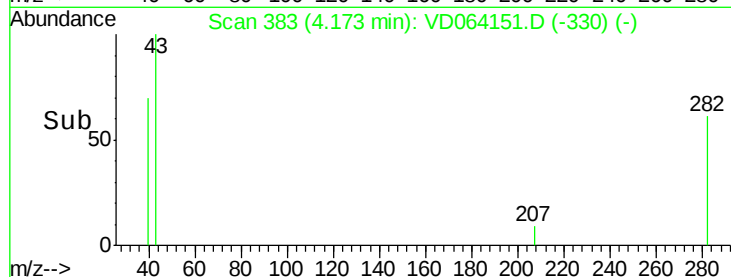
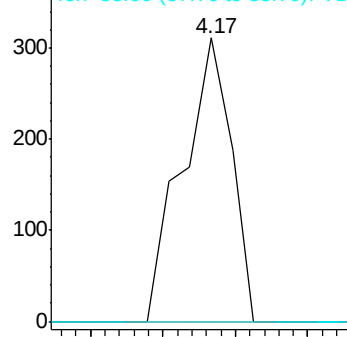
43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

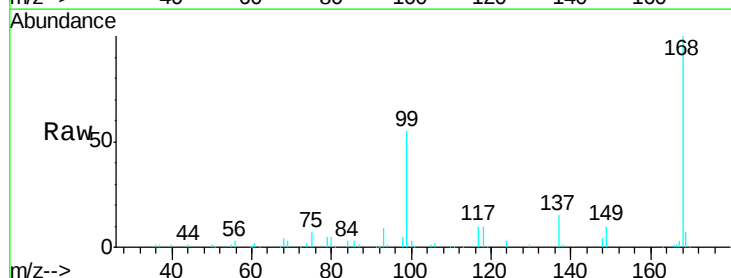
Tgt Ion: 56 Resp: 3153

Ion Ratio Lower Upper

56 100

69 105.5 27.7 41.5#

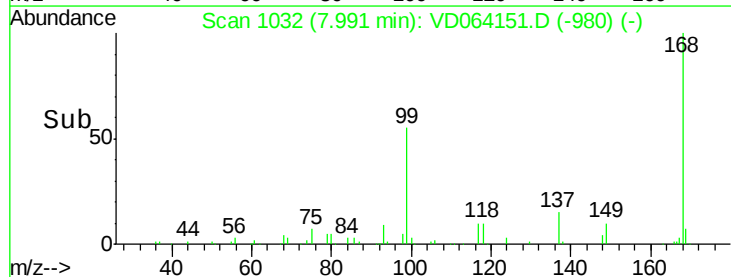
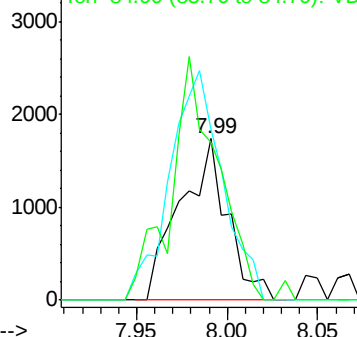
84 86.1 83.1 124.7

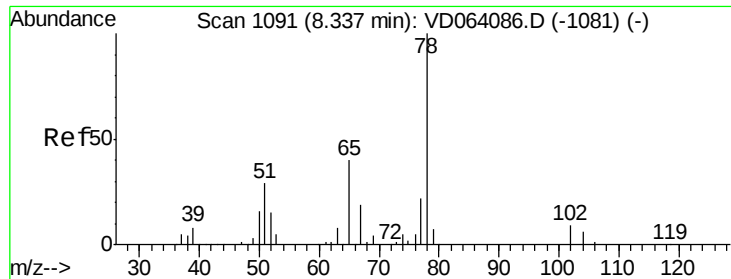


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

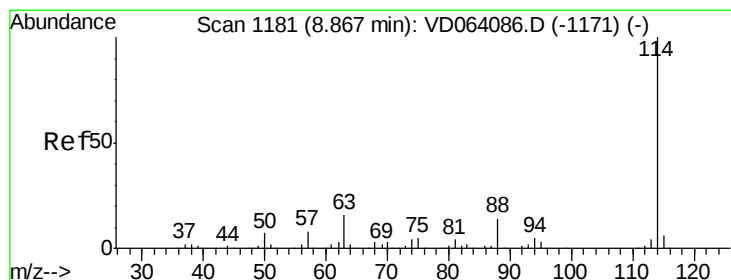
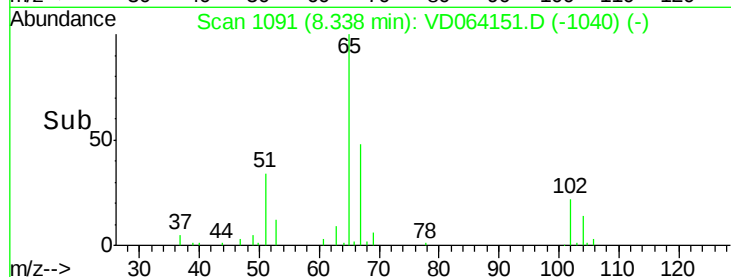
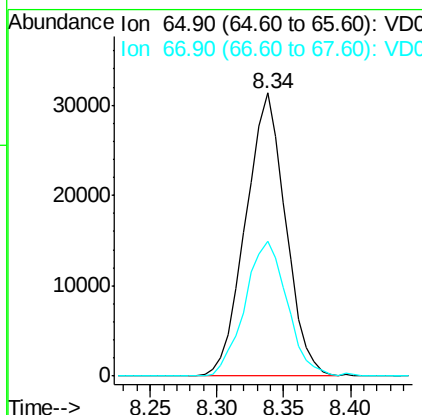
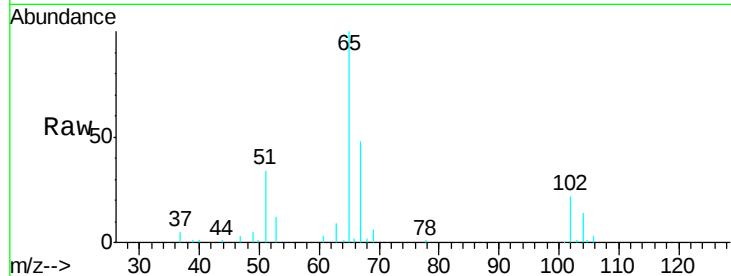




#33
 1,2-Dichloroethane-d4
 Concen: 54.416 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064151.D
 Acq: 01 Nov 2019 17:29

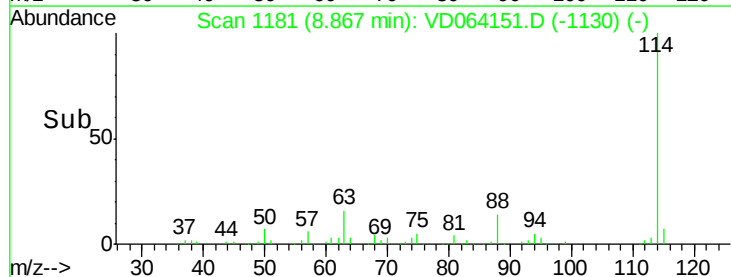
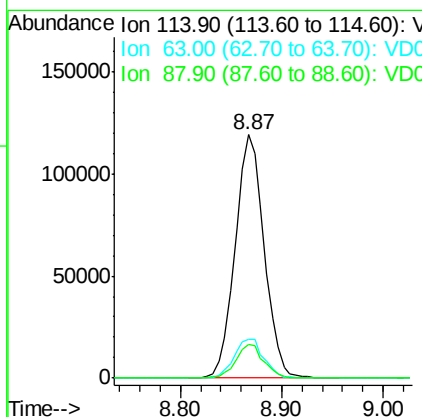
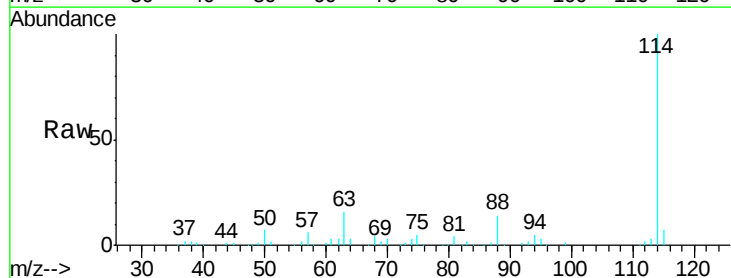
Instrument :
 MSVOA_D
 ClientSampleId :
 T-2

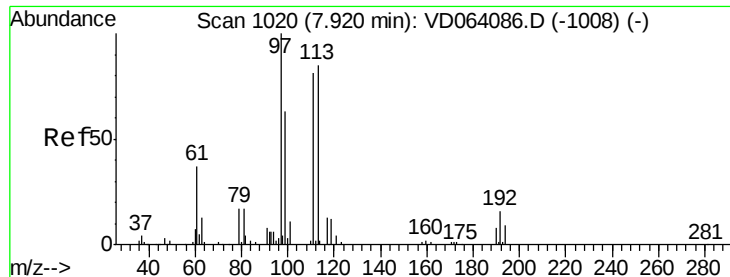
Tgt Ion: 65 Resp: 65002
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064151.D
 Acq: 01 Nov 2019 17:29

Tgt Ion: 114 Resp: 237216
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 32.8
 88 13.8 0.0 27.6

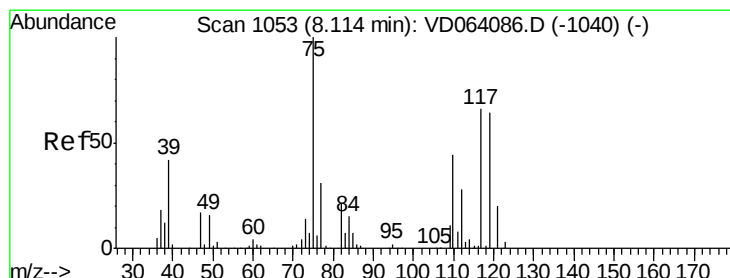
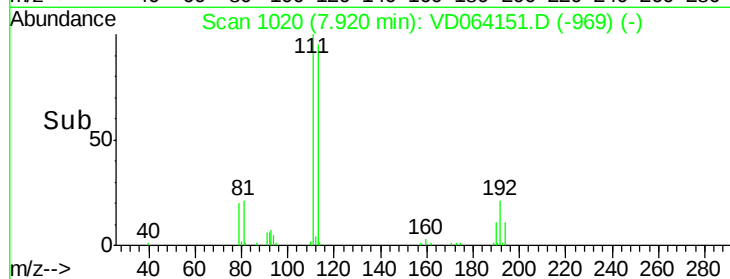
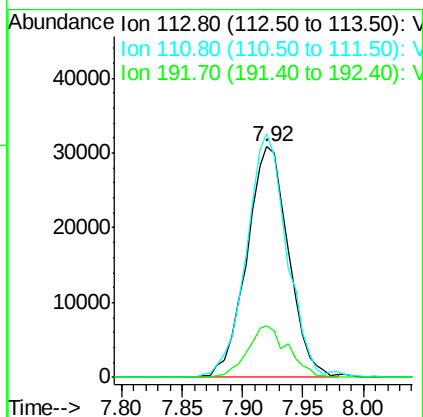
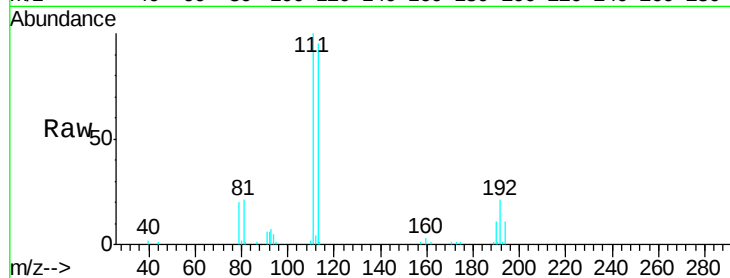




#35
 Dibromofluoromethane
 Concen: 50.641 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064151.D
 Acq: 01 Nov 2019 17:29

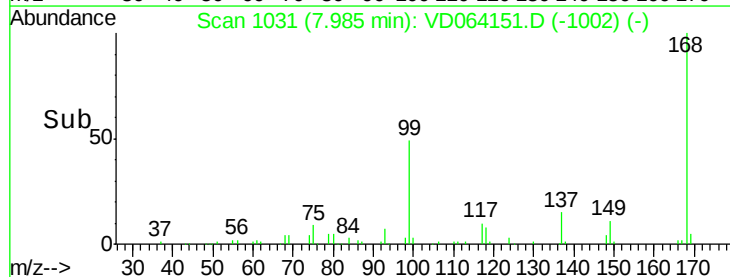
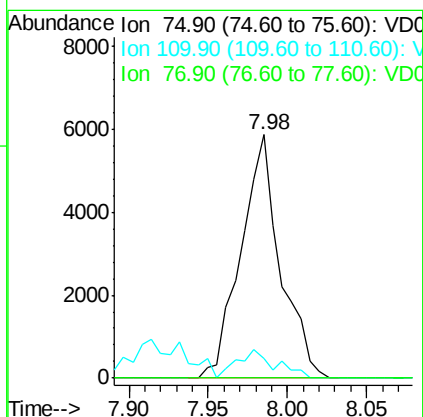
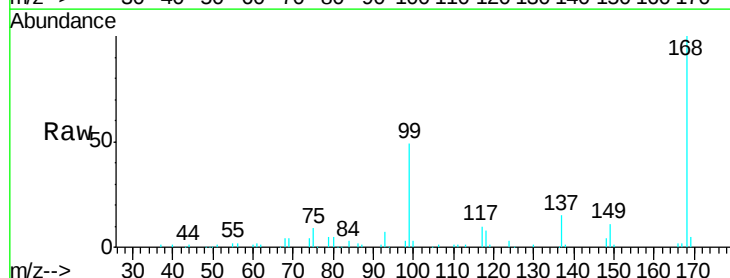
Instrument :
 MSVOA_D
 ClientSampleId :
 T-2

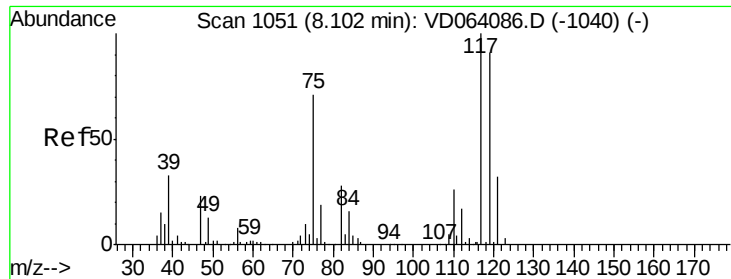
Tgt Ion: 113 Resp: 73906
 Ion Ratio Lower Upper
 113 100
 111 103.1 79.3 118.9
 192 21.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.550 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064151.D
 Acq: 01 Nov 2019 17:29

Tgt Ion: 75 Resp: 10113
 Ion Ratio Lower Upper
 75 100
 110 11.3 20.0 59.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.155 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

T-2

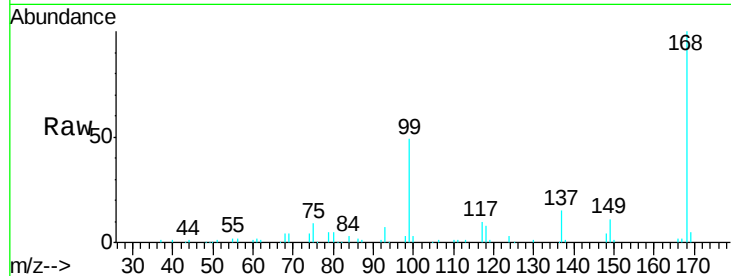
Tgt Ion:117 Resp: 14927

Ion Ratio Lower Upper

117 100

119 5.4 72.6 108.8#

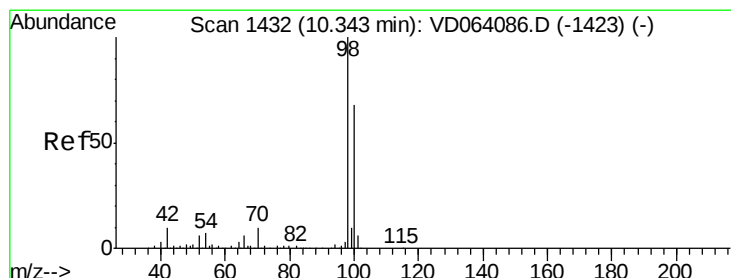
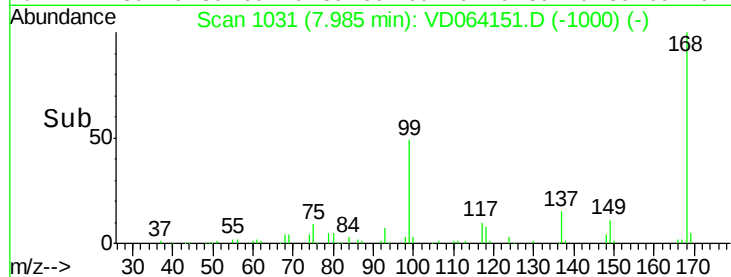
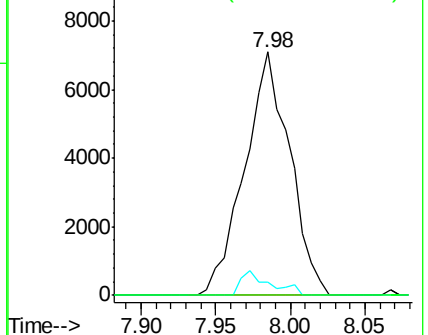
121 0.0 25.8 38.6#



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: 49.509 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064151.D

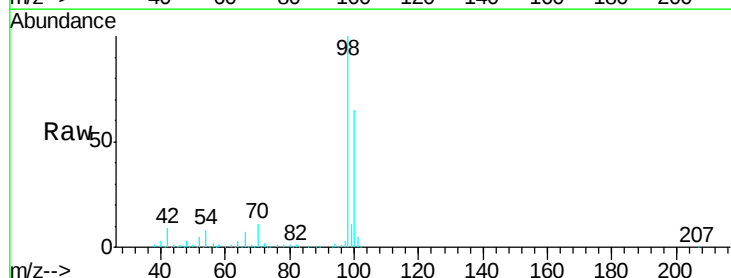
Acq: 01 Nov 2019 17:29

Tgt Ion: 98 Resp: 288959

Ion Ratio Lower Upper

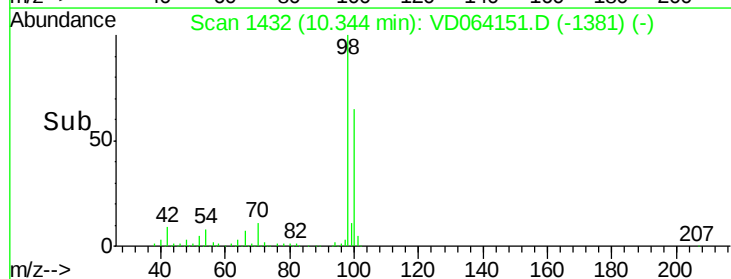
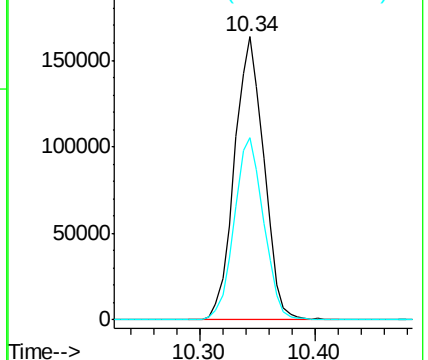
98 100

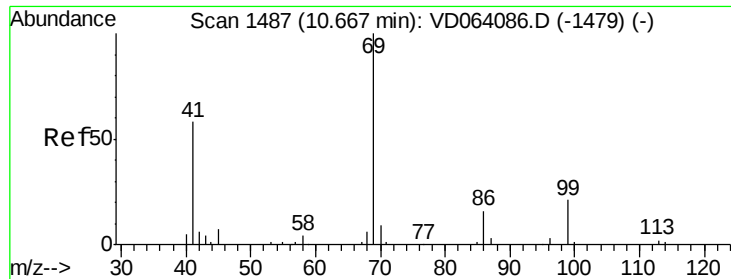
100 64.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#56

Ethyl methacrylate

Concen: 3.062 ug/l

RT: 10.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

T-2

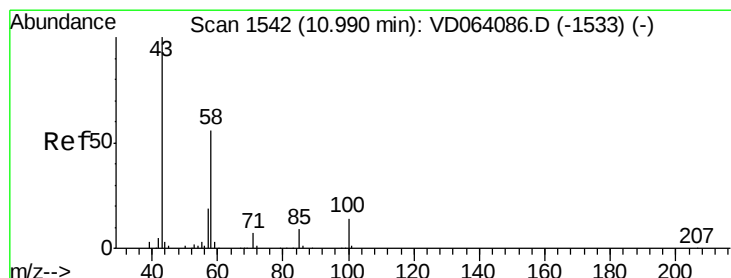
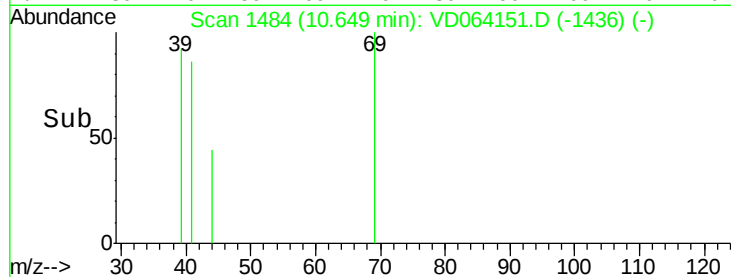
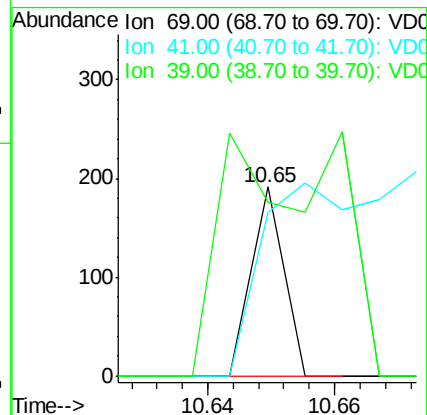
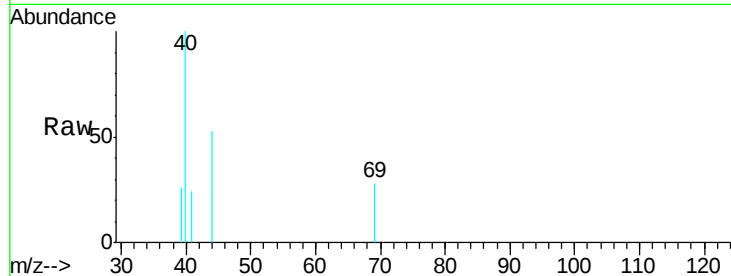
Tgt Ion: 69 Resp: 67

Ion Ratio Lower Upper

69 100

41 0.0 46.9 70.3#

39 0.0 27.3 40.9#



#59

2-Hexanone

Concen: 9.172 ug/l

RT: 11.00 min Scan# 1543

Delta R.T. 0.01 min

Lab File: VD064151.D

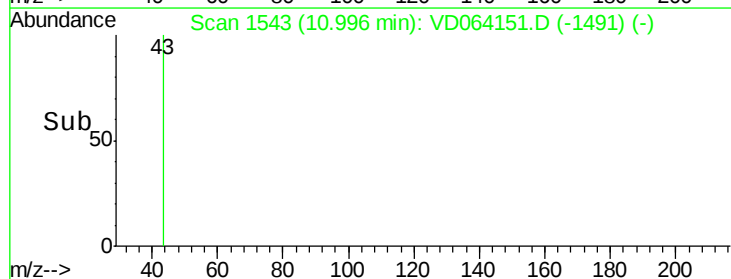
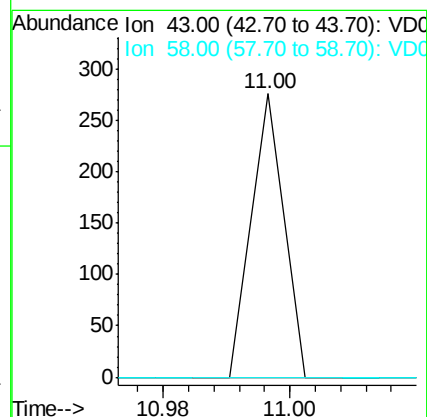
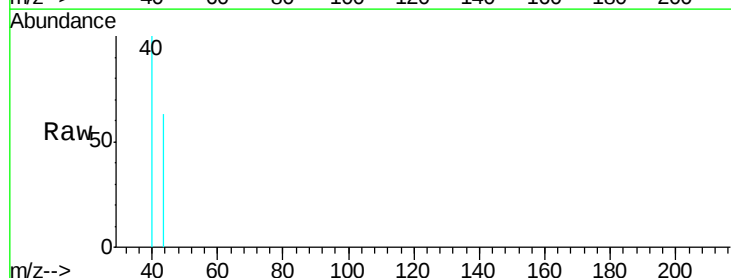
Acq: 01 Nov 2019 17:29

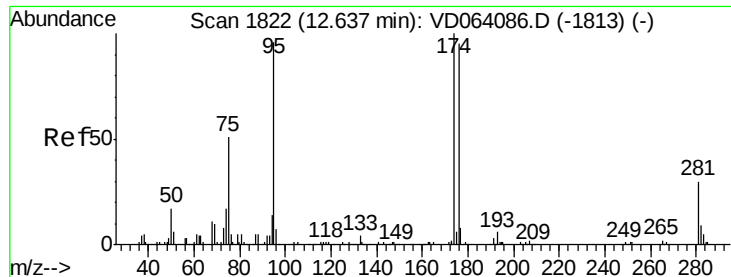
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

58 0.0 29.2 87.6#

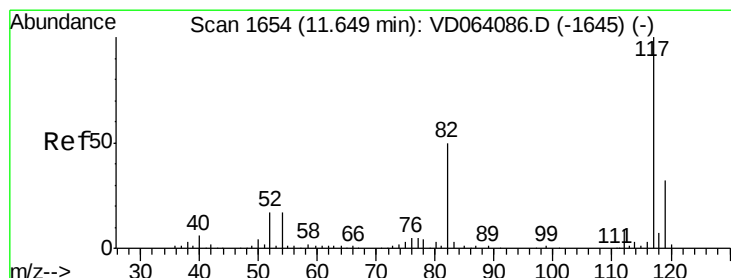
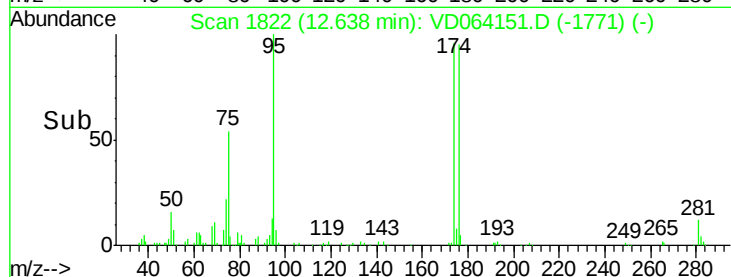
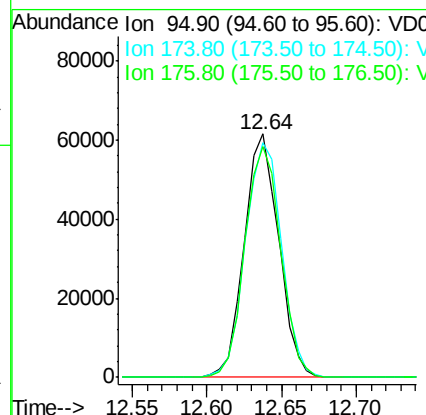
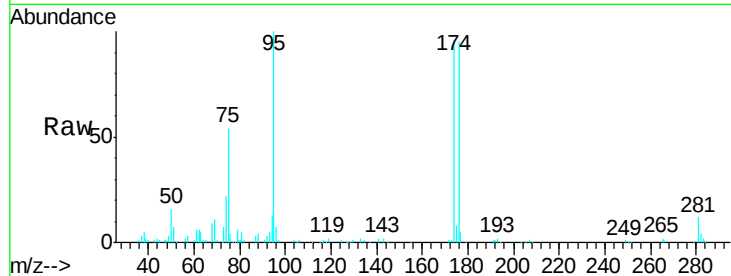




#62
4-Bromofluorobenzene
Concen: 50.976 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064151.D
Acq: 01 Nov 2019 17:29

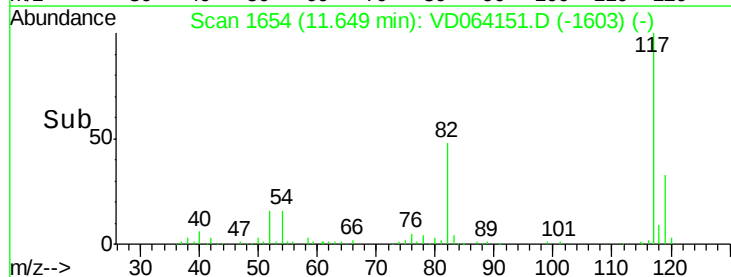
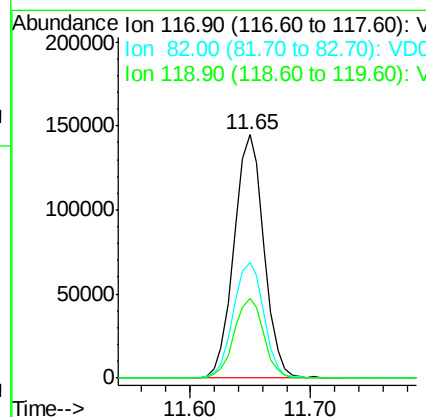
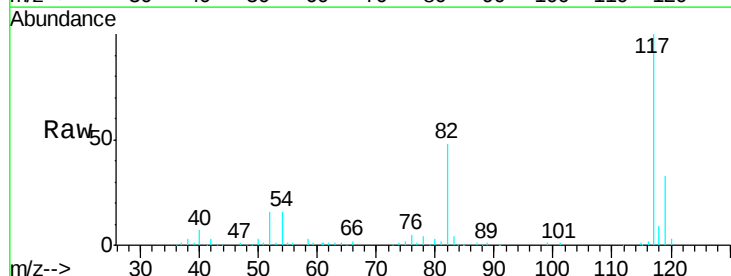
Instrument :
MSVOA_D
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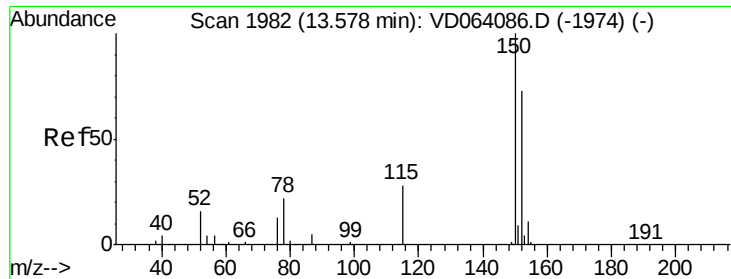
Tgt Ion: 95 Resp: 98637
Ion Ratio Lower Upper
95 100
174 101.3 0.0 201.6
176 98.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064151.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 117 Resp: 249451
Ion Ratio Lower Upper
117 100
82 47.6 40.2 60.4
119 32.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

T-2

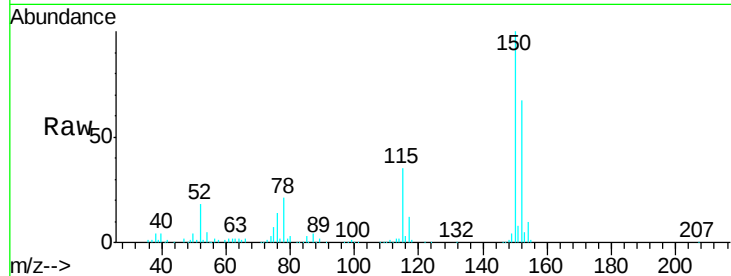
Tgt Ion:152 Resp: 124499

Ion Ratio Lower Upper

152 100

115 53.7 26.2 78.6

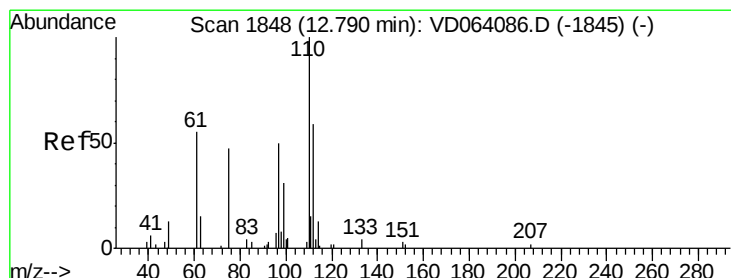
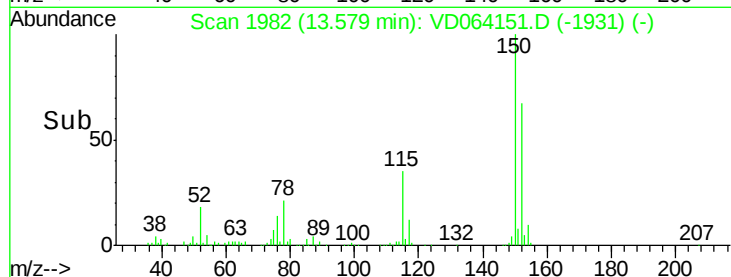
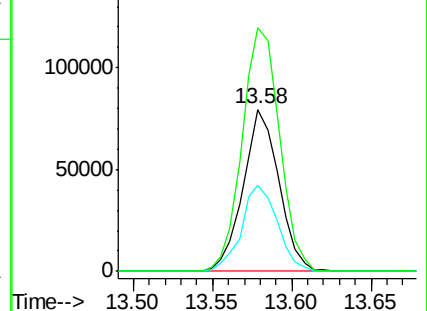
150 157.4 0.0 338.8



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: 62.511 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064151.D

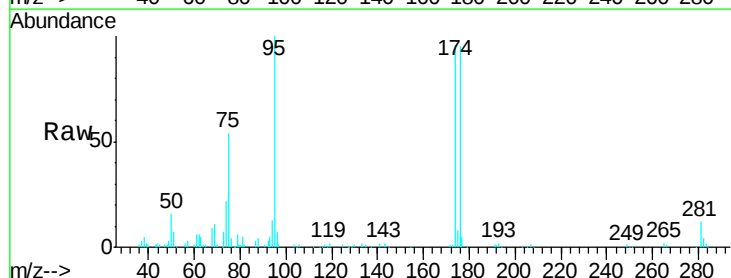
Acq: 01 Nov 2019 17:29

Tgt Ion: 75 Resp: 52294

Ion Ratio Lower Upper

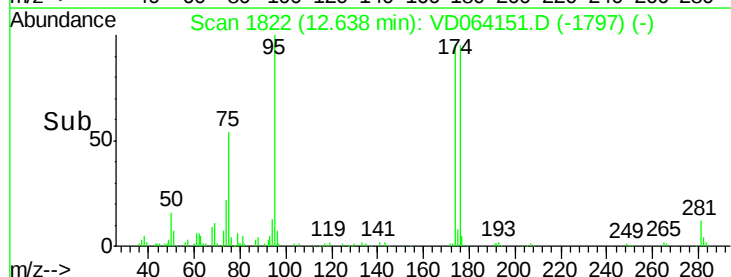
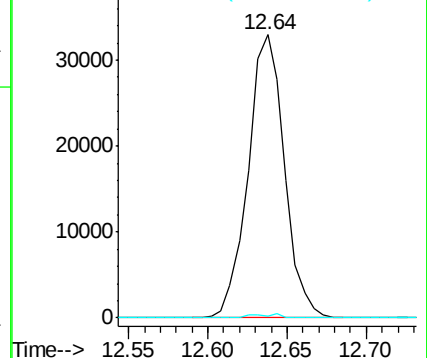
75 100

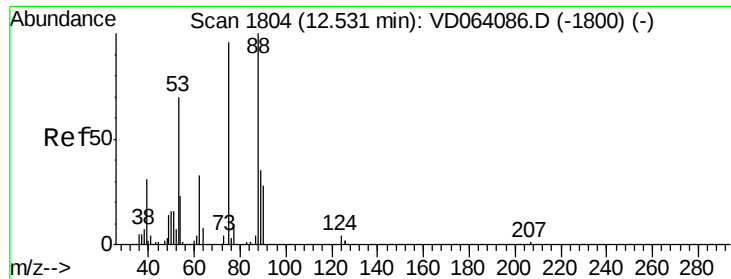
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 127.663 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064151.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_D

ClientSampleId :

T-2

Tgt Ion: 75 Resp: 52294

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 36.9 55.3#

