

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011020\
 Data File : VD064836.D
 Acq On : 10 Jan 2020 16:37
 Operator : VA/SY
 Sample : L1063-02RE
 Misc : 9.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB451_200108_25-27

Quant Time: Jan 10 22:27:09 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

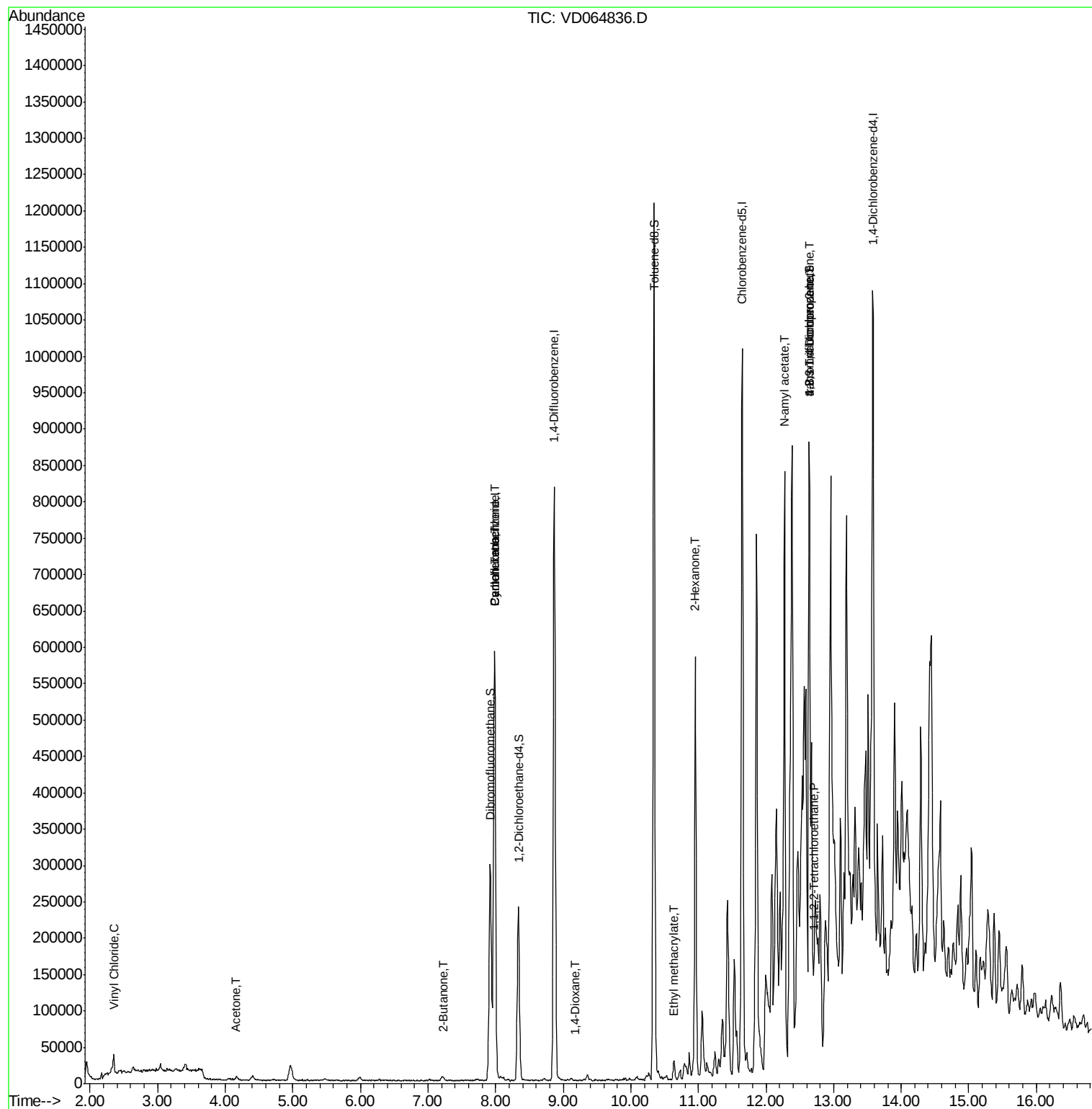
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	457265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	687509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	536358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	191488	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	7.92	113	205025	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	10.34	98	802223	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.64	95	202721	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.35	62	6629	1.094	ug/l #	83
16) Acetone	4.16	43	7961	12.451	ug/l #	70
20) Methylene Chloride	4.96	84	15017	Below Cal	#	95
25) 2-Butanone	7.23	43	2533	2.285	ug/l #	76
31) Cyclohexane	7.98	56	11575	1.540	ug/l #	31
38) Carbon Tetrachloride	7.98	117	43512	6.167	ug/l #	16
49) 1,4-Dioxane	9.18	88	78	2.813	ug/l #	25
56) Ethyl methacrylate	10.63	69	6953	1.718	ug/l	97
59) 2-Hexanone	10.96	43	210667	121.362	ug/l #	30
74) N-amyl acetate	12.27	43	182794	64.131	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.70	83	12076	5.765	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	106192	72.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	106192	150.736	ug/l #	12

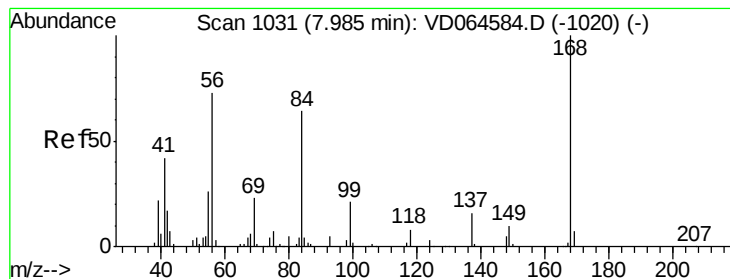
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD011020\
Data File : VD064836.D
Acq On : 10 Jan 2020 16:37
Operator : VA/SY
Sample : L1063-02RE
Misc : 9.47G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB451_200108_25-27

Quant Time: Jan 10 22:27:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
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: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

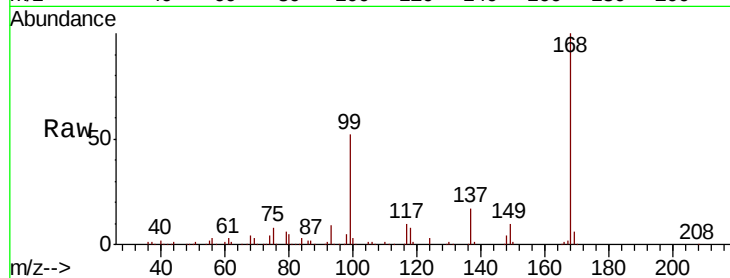
WP022SB451_200108_25-27

Tot Ion:168 Resp: 457265

Ion Ratio Lower Upper

168 100

99 52.2 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

200000

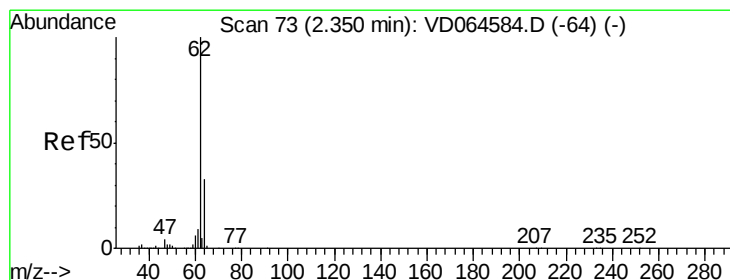
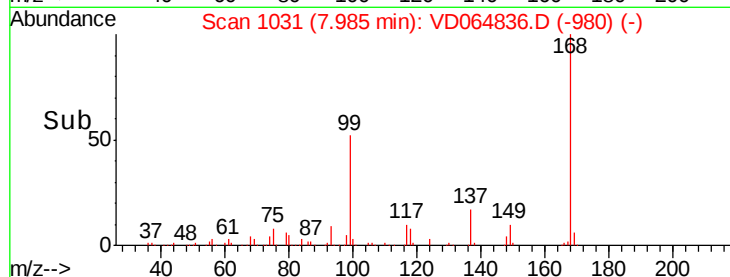
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.094 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064836.D

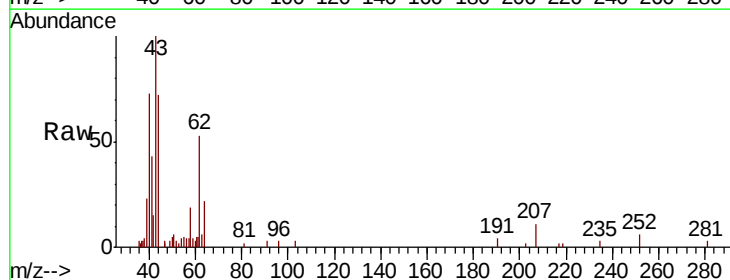
Acq: 10 Jan 2020 16:37

Tgt Ion: 62 Resp: 6629

Ion Ratio Lower Upper

62 100

64 42.7 26.6 40.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

4000

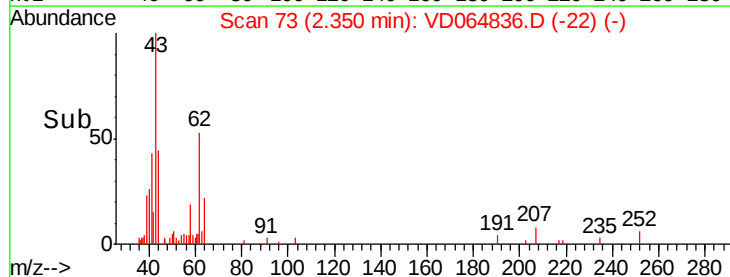
3000

2000

1000

0

Time-->





#16

Acetone

Concen: 12.451 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

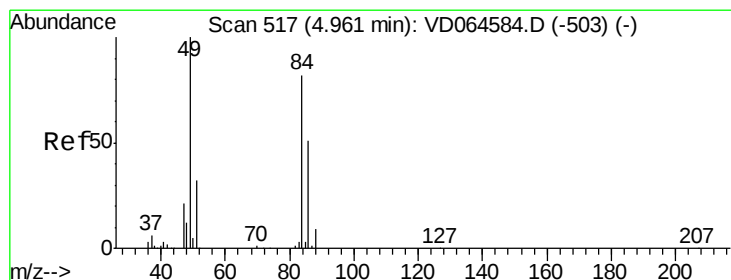
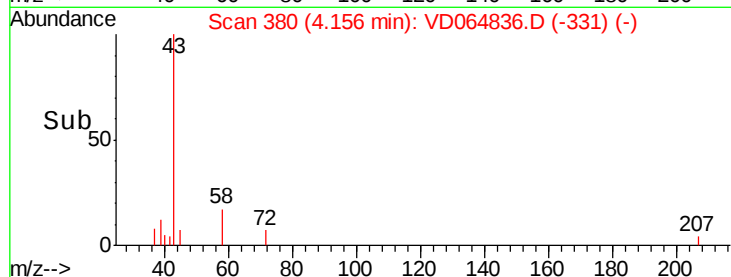
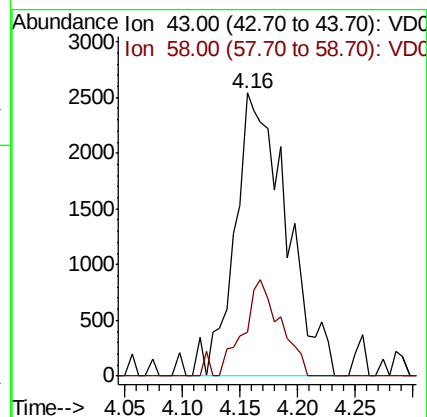
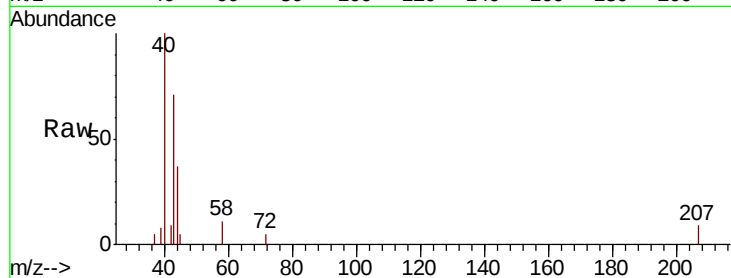
WP022SB451_200108_25-27

Tot Ion: 43 Resp: 7961

Ion Ratio Lower Upper

43 100

58 15.5 25.8 38.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Tgt Ion: 84 Resp: 15017

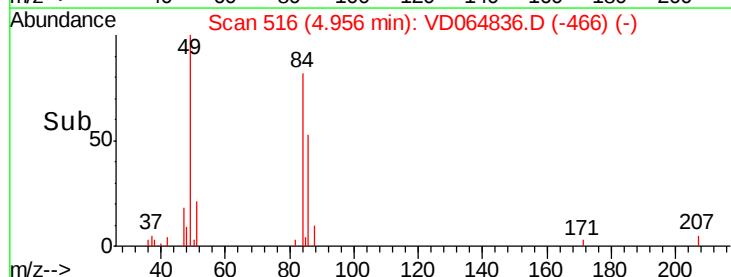
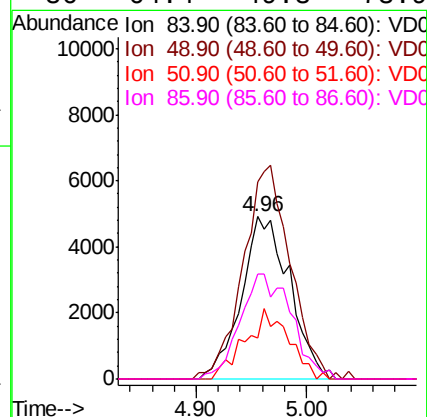
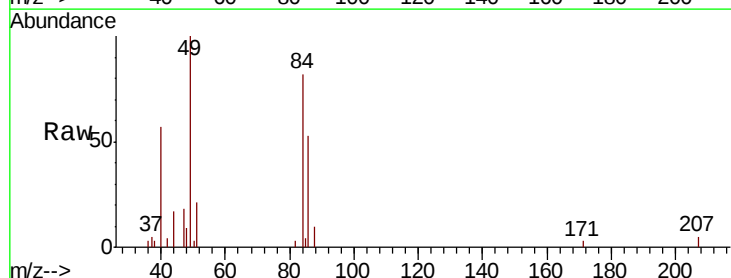
Ion Ratio Lower Upper

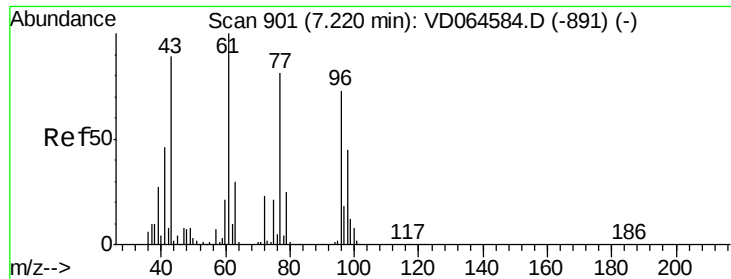
84 100

49 121.2 97.2 145.8

51 25.6 31.4 47.0#

86 64.4 49.3 73.9

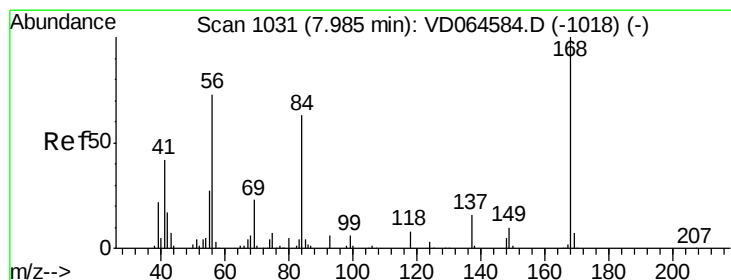
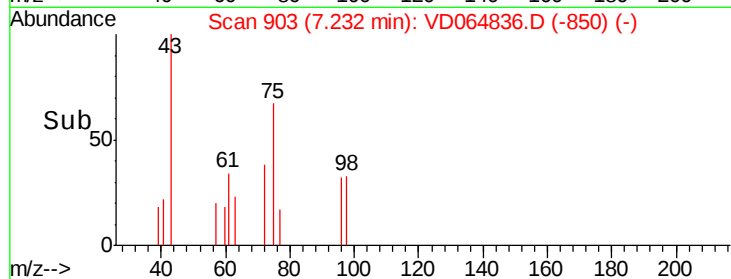
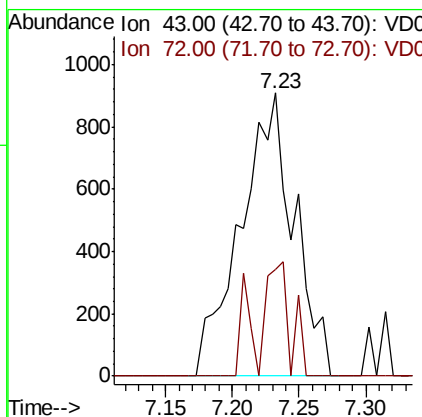
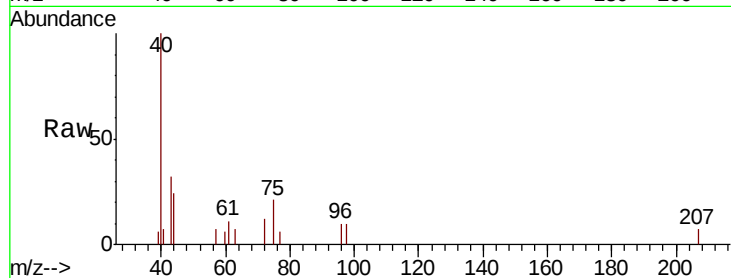




#25
2-Butanone
Concen: 2.285 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

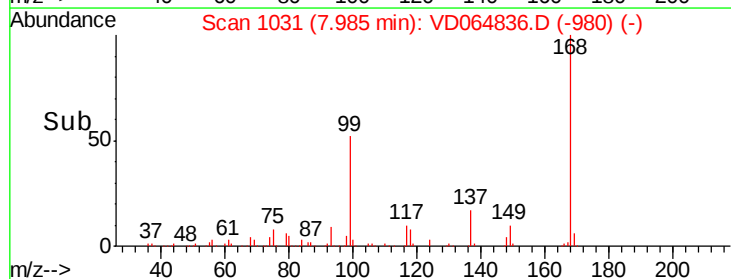
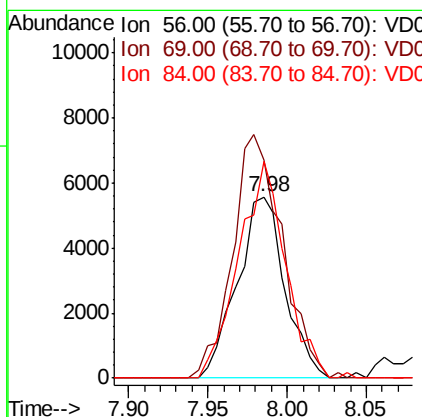
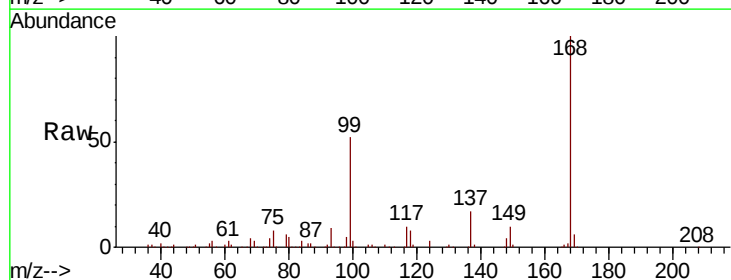
Instrument :
MSVOA_D
ClientSampleId :
WP022SB451_200108_25-27

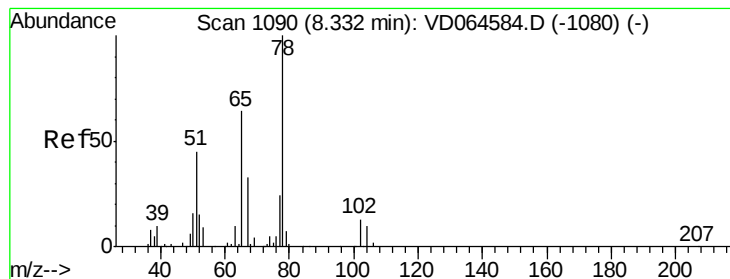
Tot Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
72 37.9 20.7 31.1#



#31
Cyclohexane
Concen: 1.540 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

Tgt Ion: 56 Resp: 11575
Ion Ratio Lower Upper
56 100
69 120.5 24.7 37.1#
84 119.7 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 47.491 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

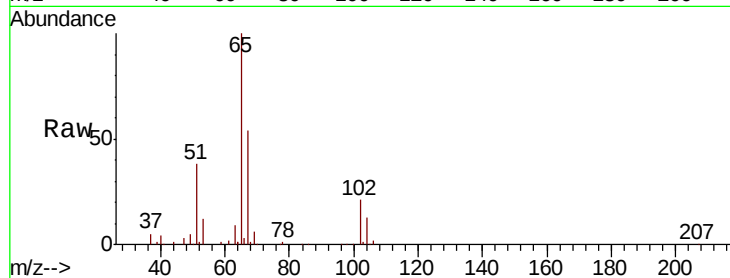
WP022SB451_200108_25-27

Tot Ion: 65 Resp: 191488

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2

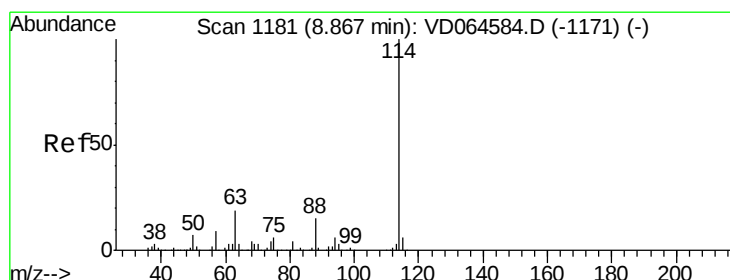
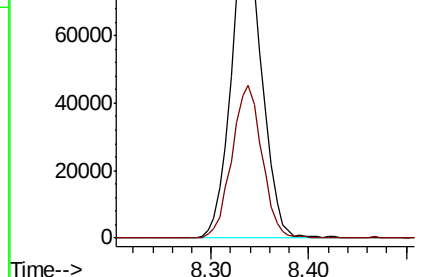
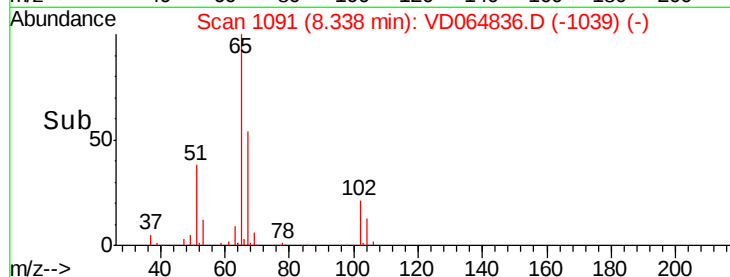


Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

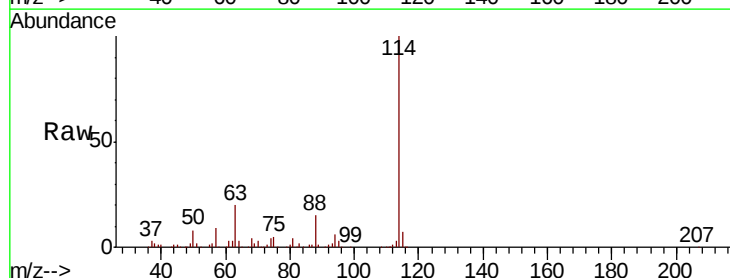
Tgt Ion: 114 Resp: 687509

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 14.7 0.0 29.2



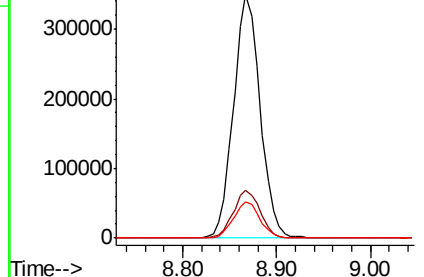
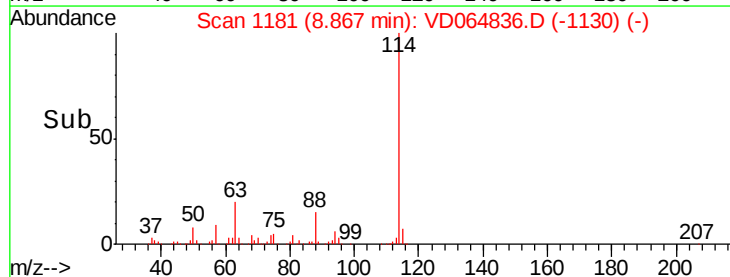
Abundance Ion 113.90 (113.60 to 114.60): VDC

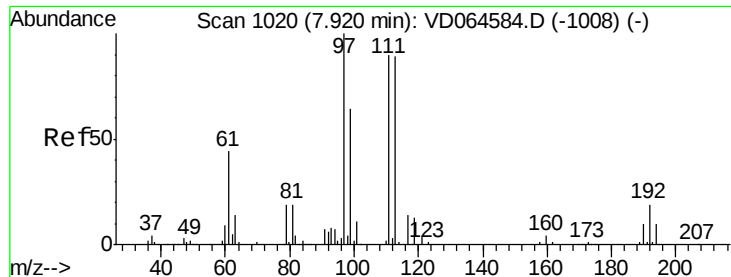
Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

Time-->

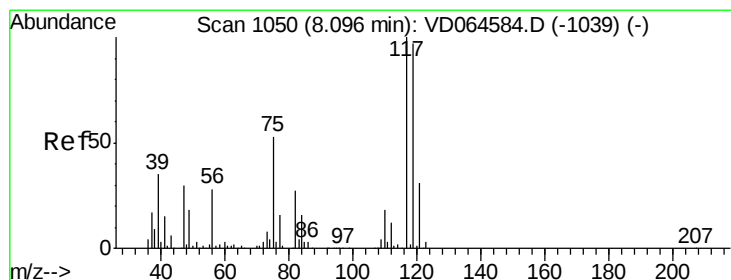
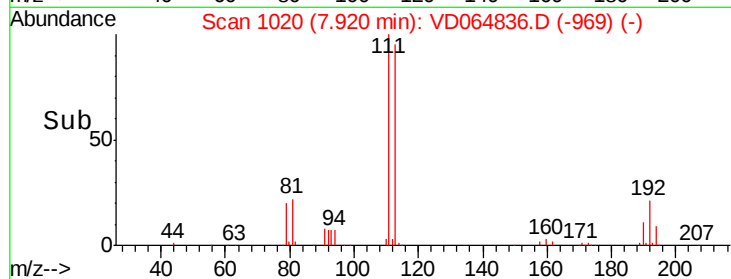
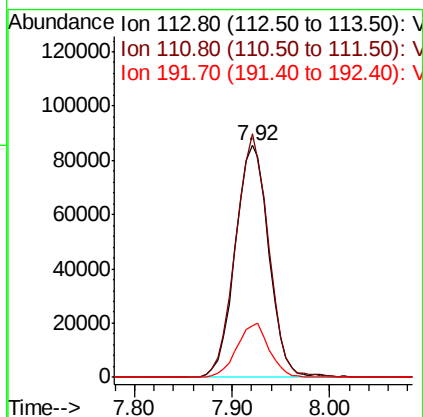
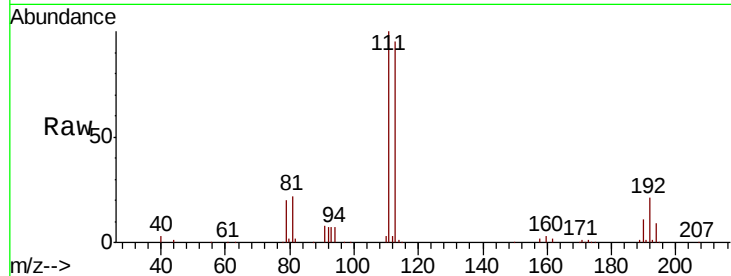




#35
 Dibromofluoromethane
 Concen: 48.607 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064836.D
 Acq: 10 Jan 2020 16:37

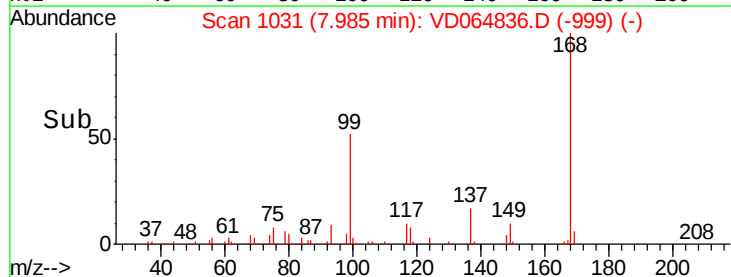
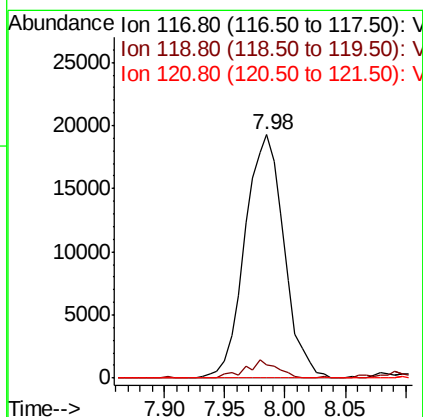
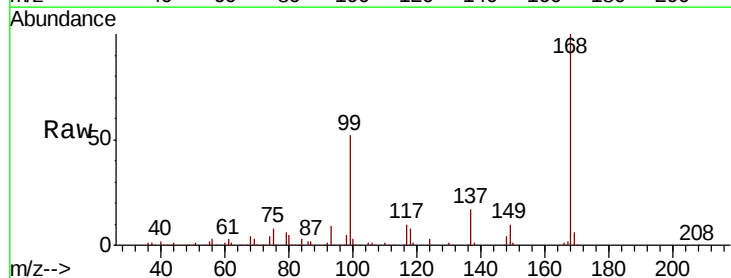
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB451_200108_25-27

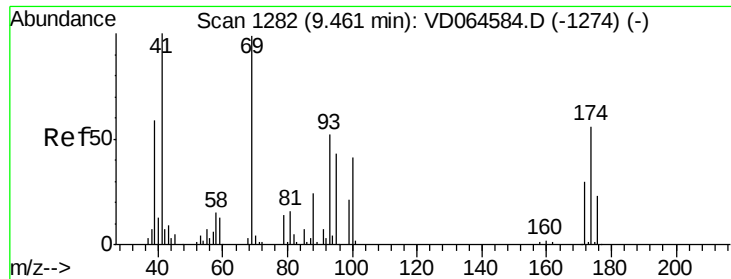
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.6	121.0
192	22.1	17.9	26.9



#38
 Carbon Tetrachloride
 Concen: 6.167 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064836.D
 Acq: 10 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.3	115.9#
121	0.0	25.0	37.6#

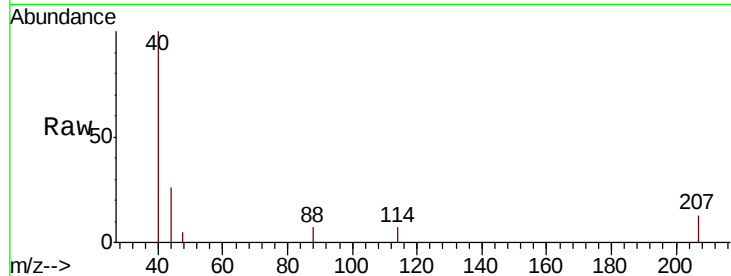




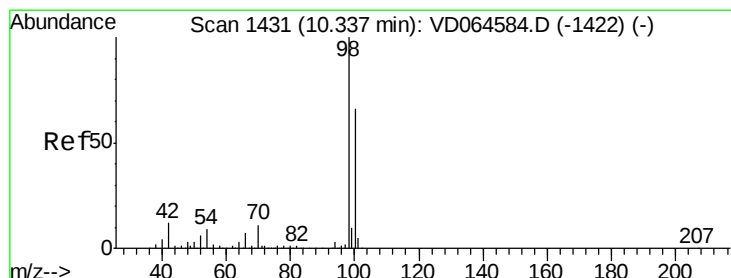
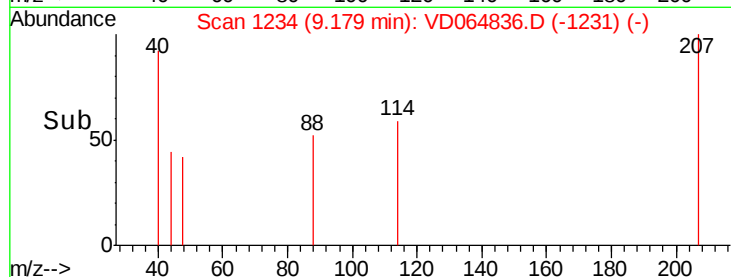
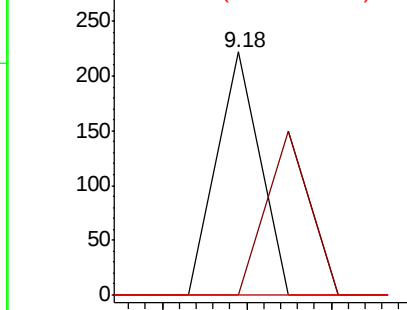
#49
 1,4-Dioxane
 Concen: 2.813 ug/l
 RT: 9.18 min Scan# 1234
 Delta R.T. -0.28 min
 Lab File: VD064836.D
 Acq: 10 Jan 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB451_200108_25-27

Tot Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 43 67.9 27.7 41.5#
 58 0.0 53.8 80.6#

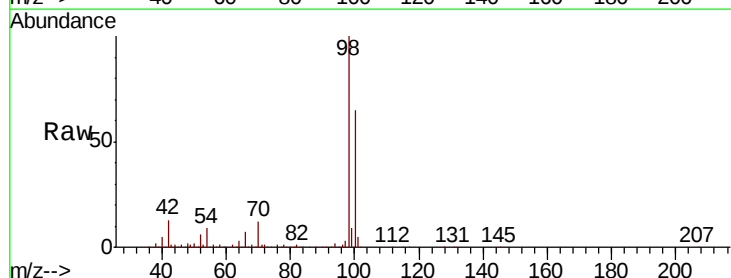


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

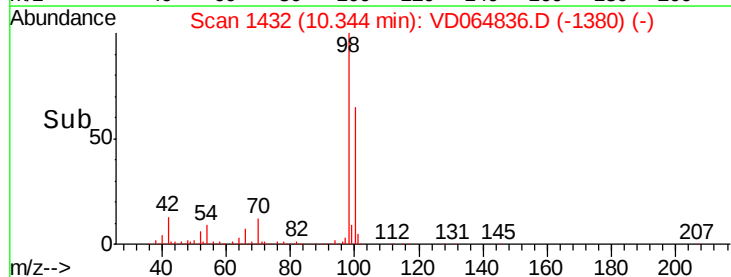
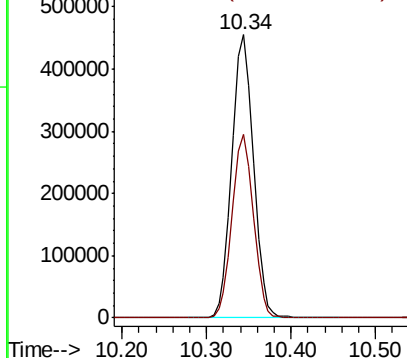


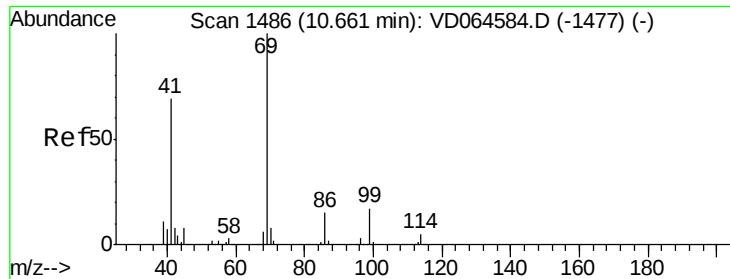
#50
 Toluene-d8
 Concen: 49.660 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064836.D
 Acq: 10 Jan 2020 16:37

Tgt Ion: 98 Resp: 802223
 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

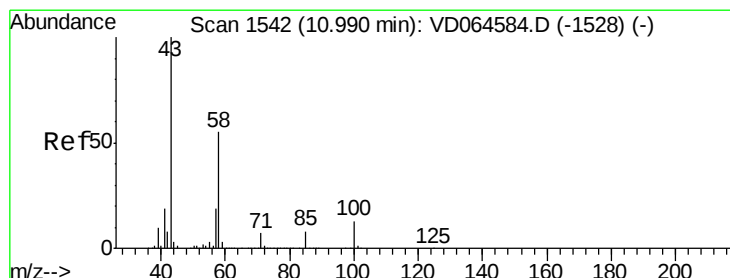
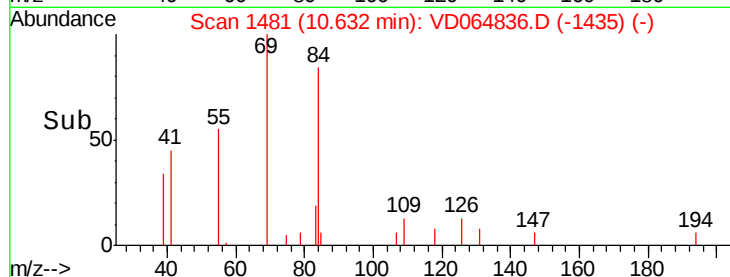
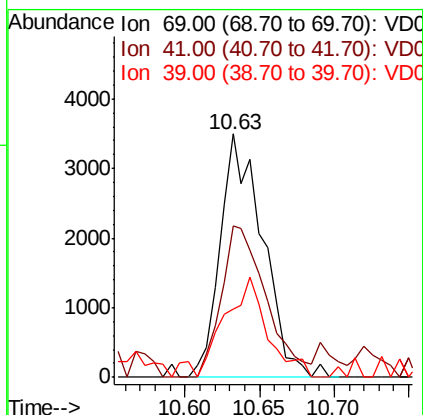
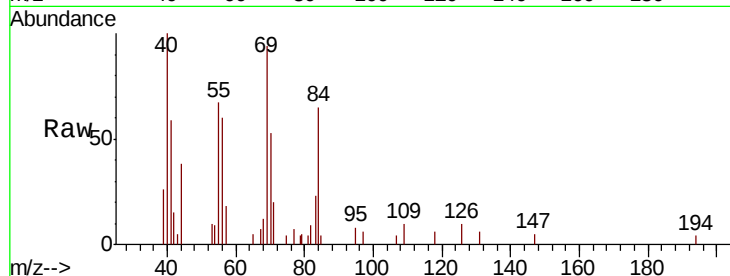




#56
Ethyl methacrylate
Concen: 1.718 ug/l
RT: 10.63 min Scan# 1481
Delta R.T. -0.03 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

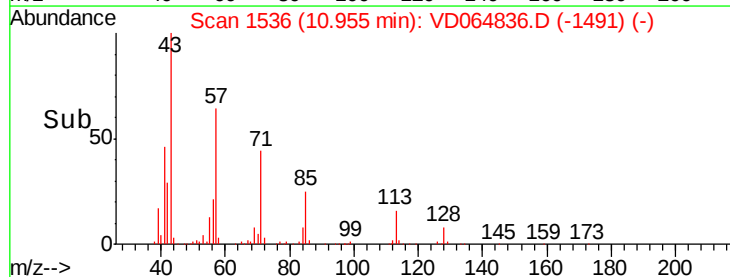
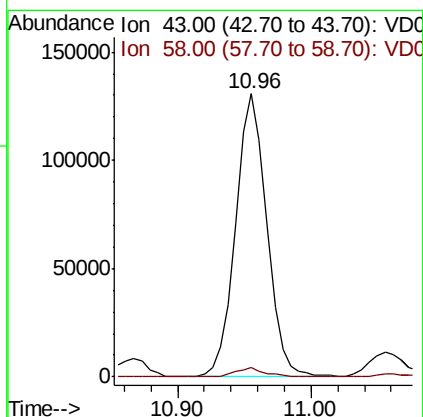
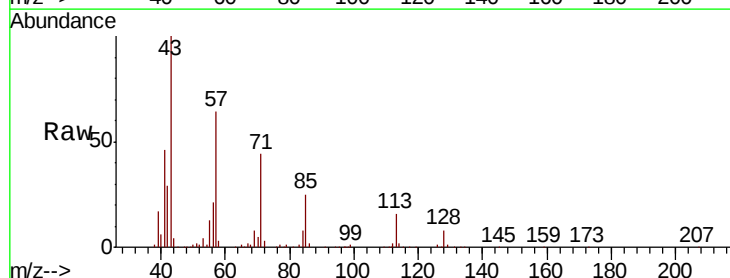
Instrument :
MSVOA_D
ClientSampleId :
WP022SB451_200108_25-27

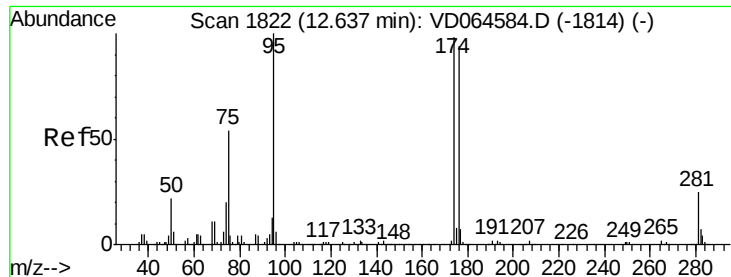
Tot Ion: 69 Resp: 6953
Ion Ratio Lower Upper
69 100
41 65.9 55.3 82.9
39 43.0 33.8 50.8



#59
2-Hexanone
Concen: 121.362 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.03 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

Tgt Ion: 43 Resp: 210667
Ion Ratio Lower Upper
43 100
58 3.3 26.4 79.0#

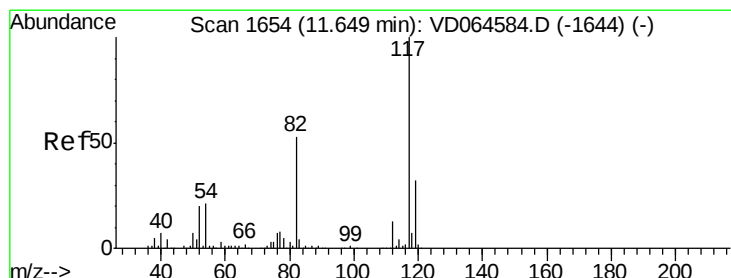
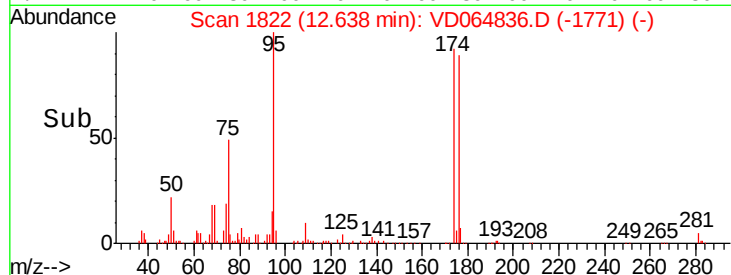
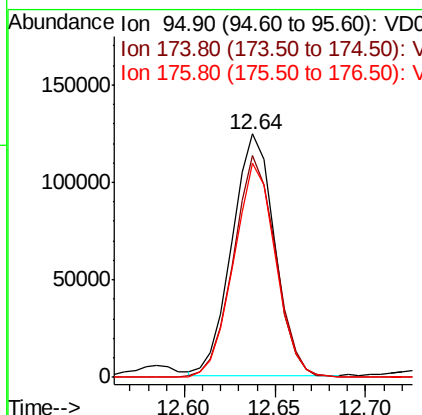
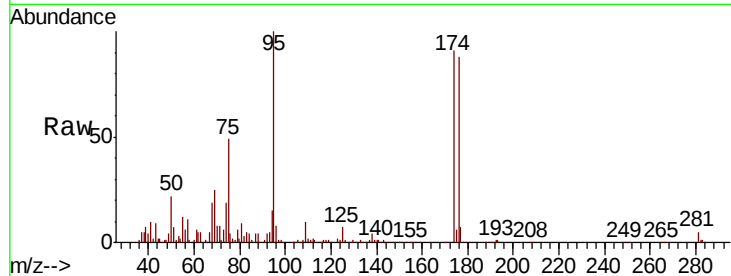




#62
4-Bromofluorobenzene
Concen: 39.685 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

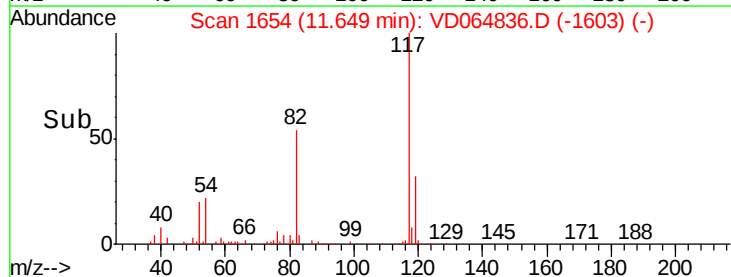
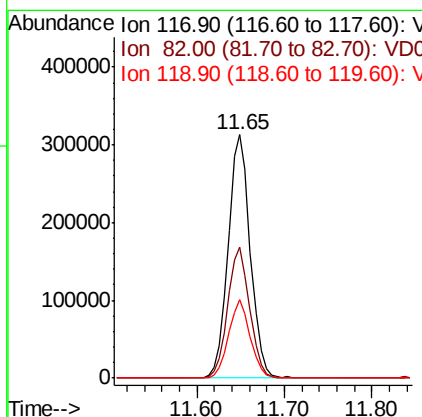
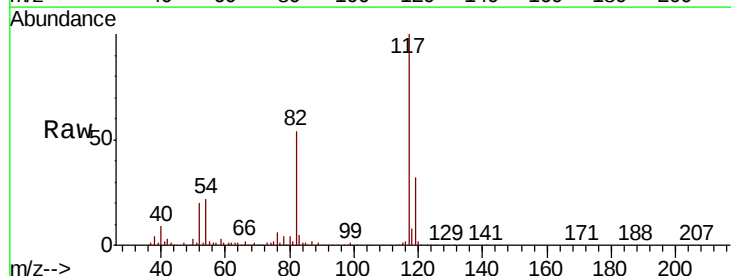
Instrument :
MSVOA_D
ClientSampleId :
WP022SB451_200108_25-27

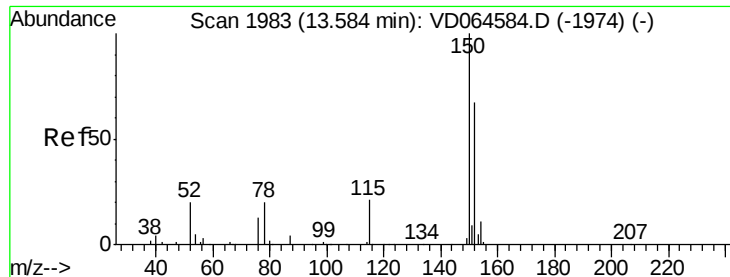
Tot Ion: 95 Resp: 202721
Ion Ratio Lower Upper
95 100
174 91.1 0.0 193.2
176 87.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064836.D
Acq: 10 Jan 2020 16:37

Tgt Ion: 117 Resp: 536358
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.4
119 32.5 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: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

WP022SB451_200108_25-27

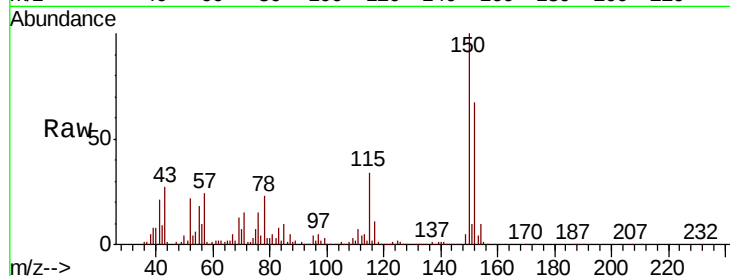
Tot Ion:152 Resp: 186589

Ion Ratio Lower Upper

152 100

115 52.2 27.8 83.4

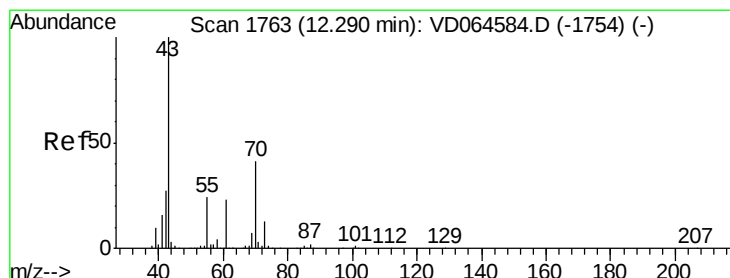
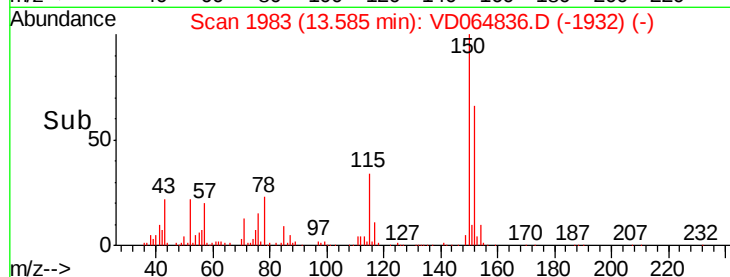
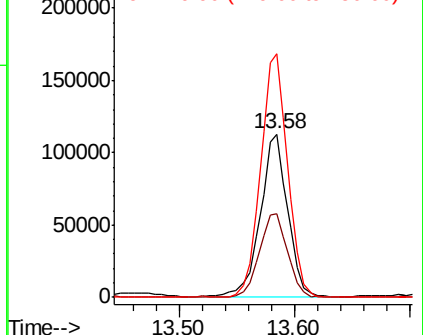
150 147.0 0.0 351.4



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



#74

N-ethyl acetate

Concen: 64.131 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Tgt Ion: 43 Resp: 182794

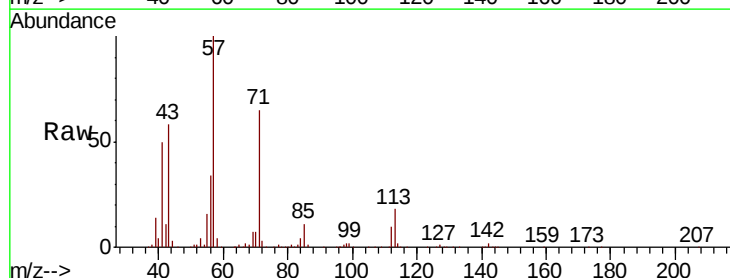
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 35.7 19.4 29.0#

61 0.0 18.3 27.5#

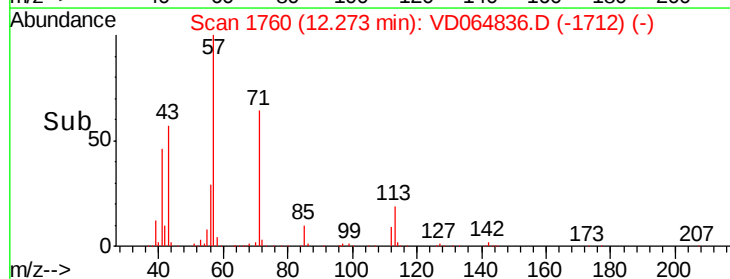
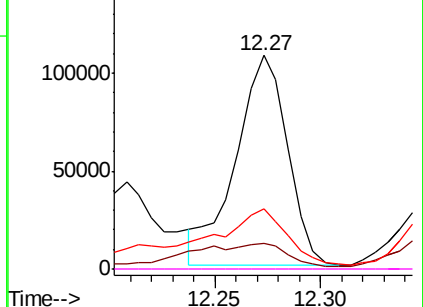


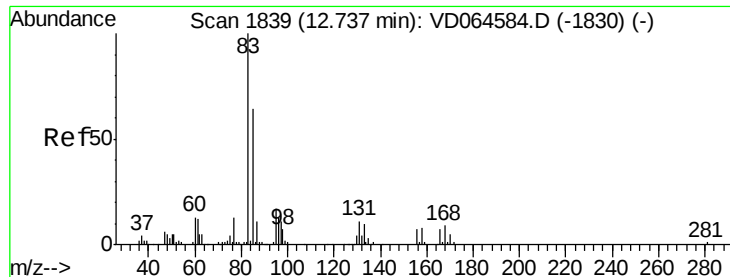
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 5.765 ug/l

RT: 12.70 min Scan# 1833

Delta R.T. -0.03 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

WP022SB451_200108_25-27

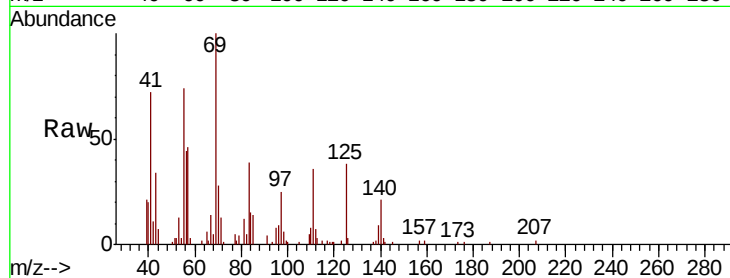
Tot Ion: 83 Resp: 12076

Ion Ratio Lower Upper

83 100

131 0.6 5.8 17.4#

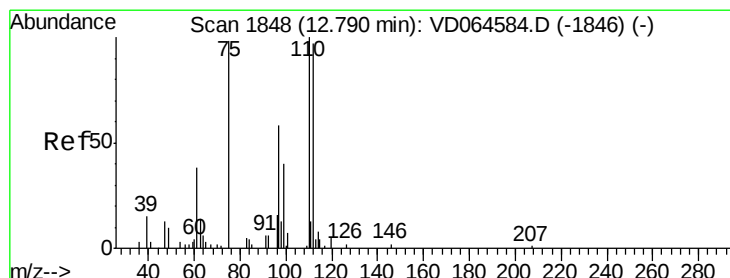
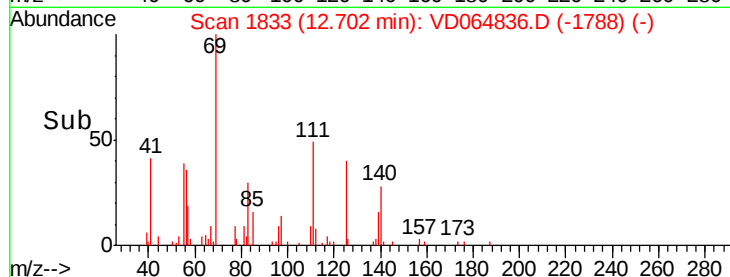
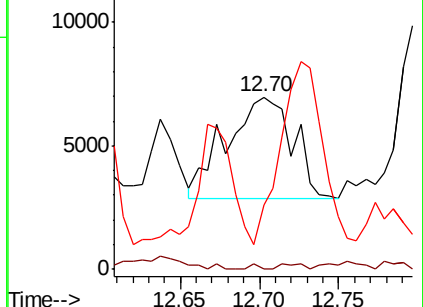
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 72.072 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064836.D

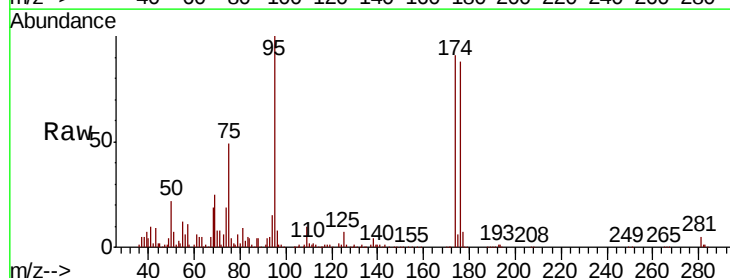
Acq: 10 Jan 2020 16:37

Tgt Ion: 75 Resp: 106192

Ion Ratio Lower Upper

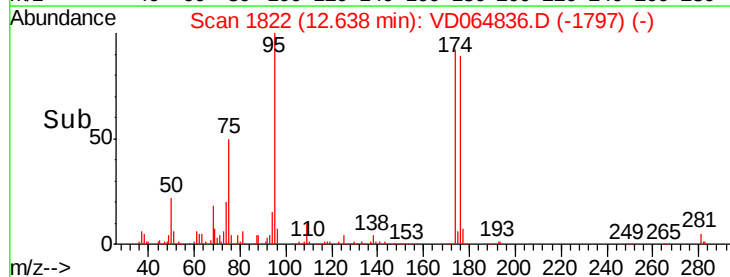
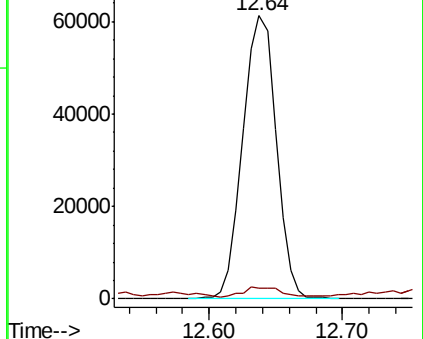
75 100

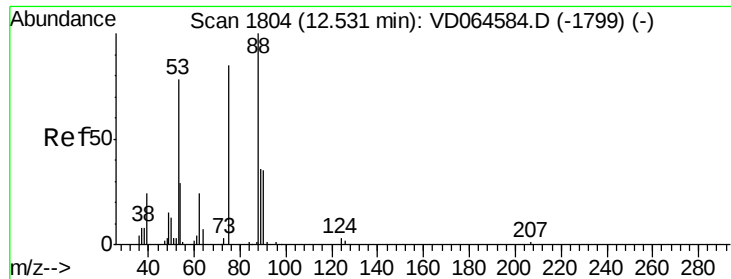
77 3.7 0.0 0.0#



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: 150.736 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064836.D

Acq: 10 Jan 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

WP022SB451_200108_25-27

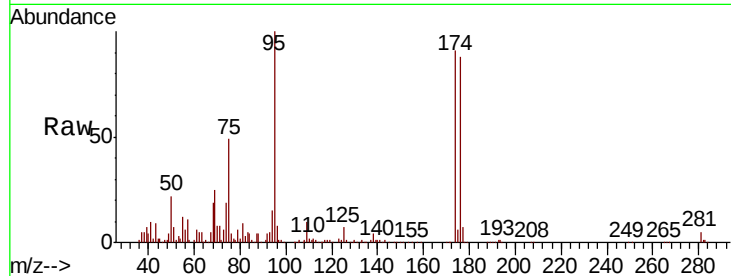
Tot Ion: 75 Resp: 106192

Ion Ratio Lower Upper

75 100

53 2.8 78.8 118.2#

89 0.3 38.3 57.5#



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

