

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064131.D
 Acq On : 31 Oct 2019 14:28
 Operator : VA/SY
 Sample : K5138-01
 Misc : 8.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:04:37 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	61051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	103907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	112753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	59435	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	37239	76.70	ug/l	0.00
Spiked Amount			Recovery	=	153.40%	
35) Dibromofluoromethane	7.91	113	34299	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
50) Toluene-d8	10.34	98	124714	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.64	95	46050	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	

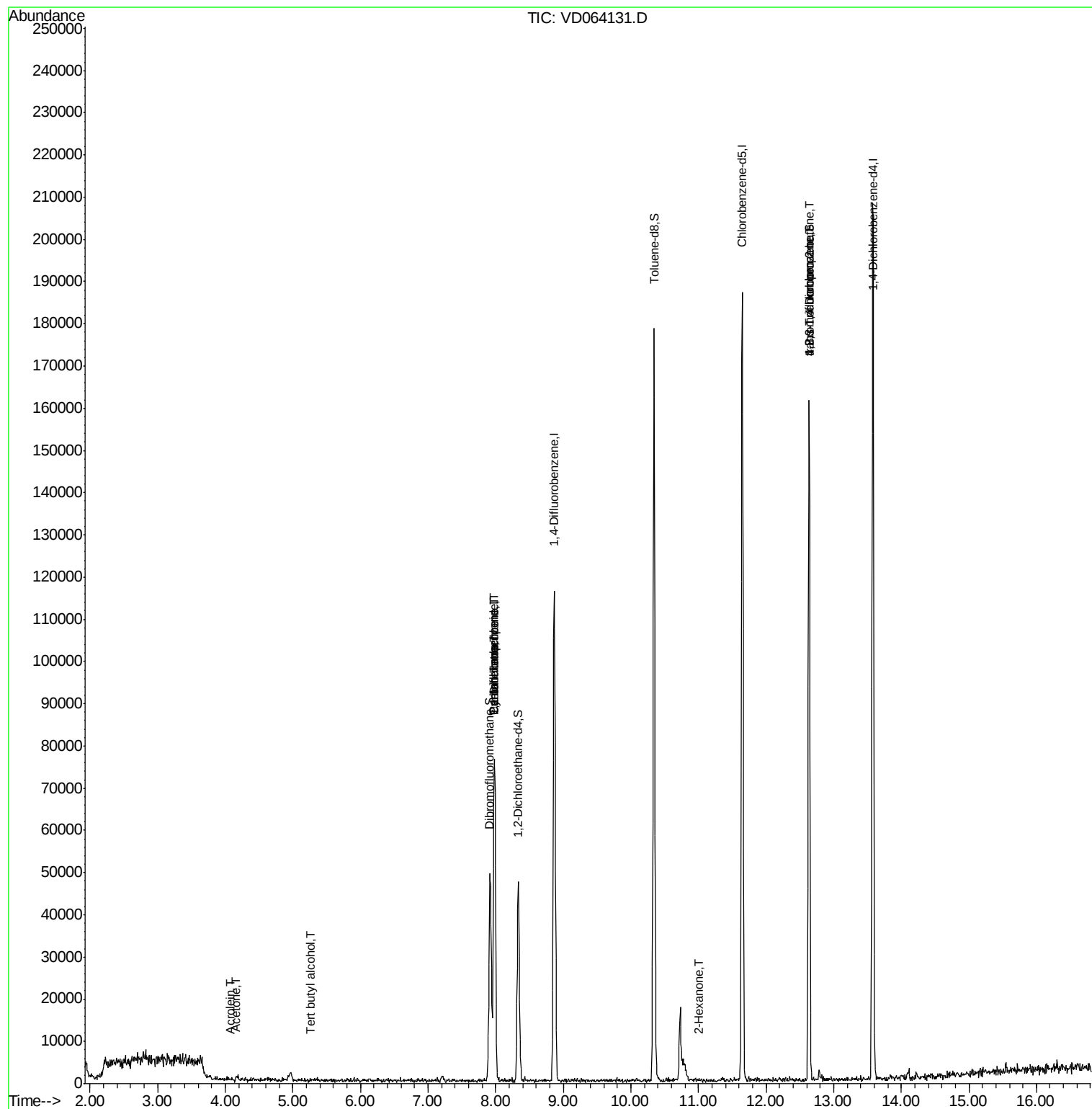
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	99	9.646	ug/l #	1
13) Acrolein	4.07	56	62	2.003	ug/l #	16
16) Acetone	4.16	43	738	7.988	ug/l #	42
20) Methylene Chloride	4.97	84	1254	Below Cal	#	51
31) Cyclohexane	7.98	56	1531	1.695	ug/l #	70
36) 1,1-Dichloropropene	7.98	75	4487	4.608	ug/l #	47
38) Carbon Tetrachloride	7.98	117	6356	5.983	ug/l #	20
59) 2-Hexanone	11.01	43	90	9.350	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	25384	63.560	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	25384	129.806	ug/l #	15

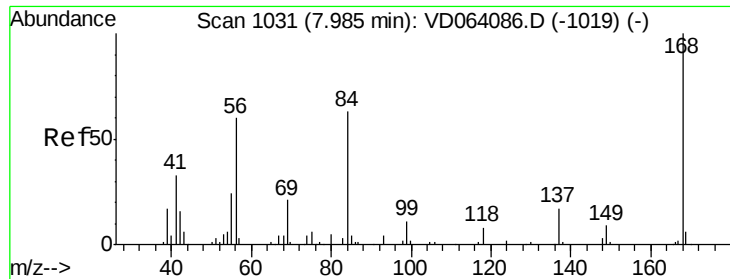
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103119\
Data File : VD064131.D
Acq On : 31 Oct 2019 14:28
Operator : VA/SY
Sample : K5138-01
Misc : 8.28G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 01 06:04:37 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# 1031

Delta R.T. 0.00 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

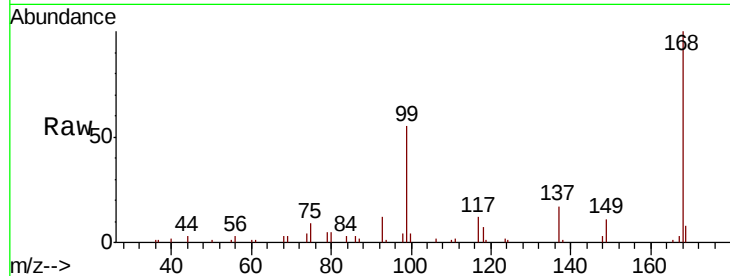
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 61051

Ion Ratio Lower Upper

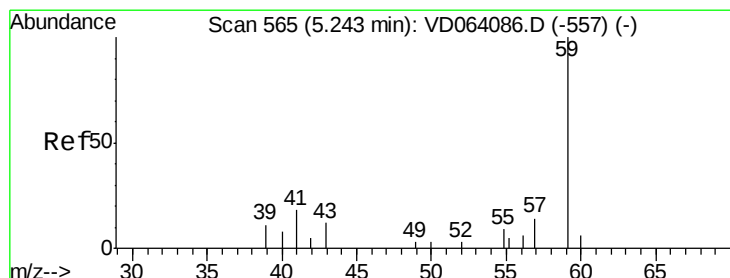
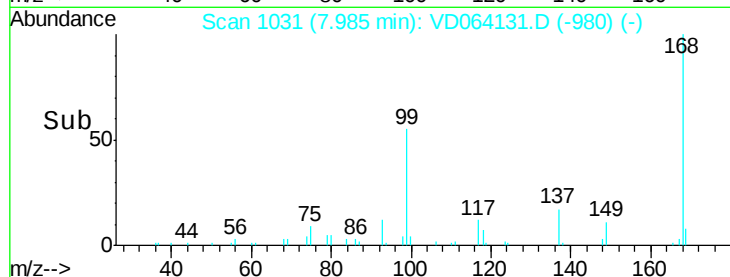
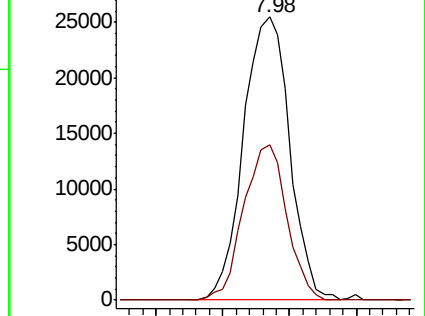
168 100

99 54.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 9.646 ug/l

RT: 5.25 min Scan# 566

Delta R.T. 0.01 min

Lab File: VD064131.D

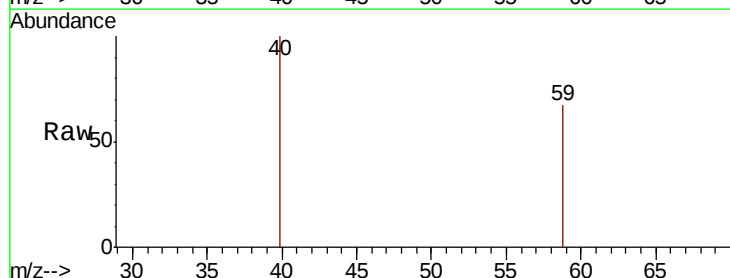
Acq: 31 Oct 2019 14:28

Tgt Ion: 59 Resp: 99

Ion Ratio Lower Upper

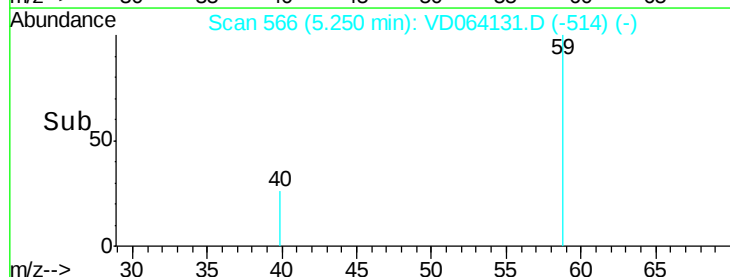
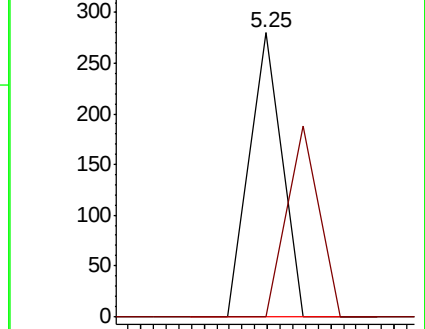
59 100

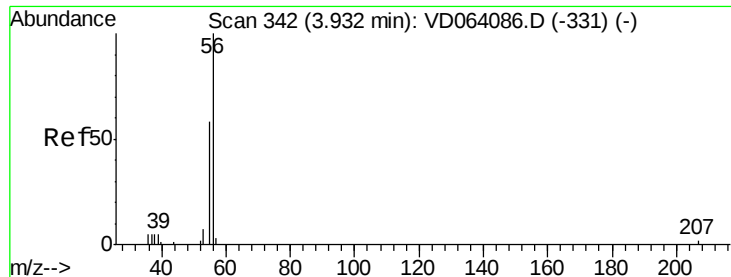
57 66.7 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#13

Acrolein

Concen: 2.003 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.14 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

Instrument :

MSVOA_D

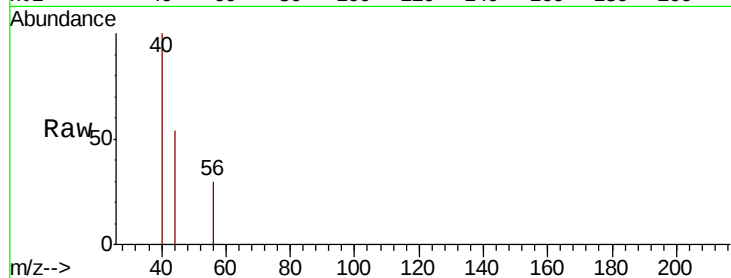
ClientSampleId :

Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

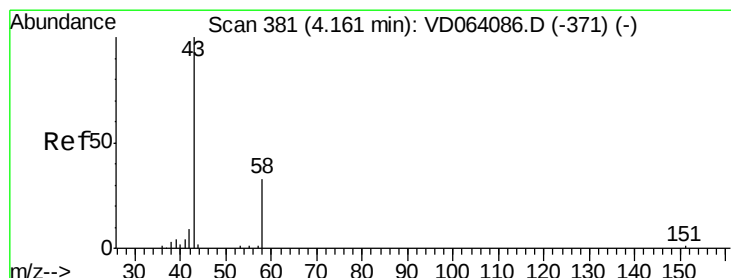
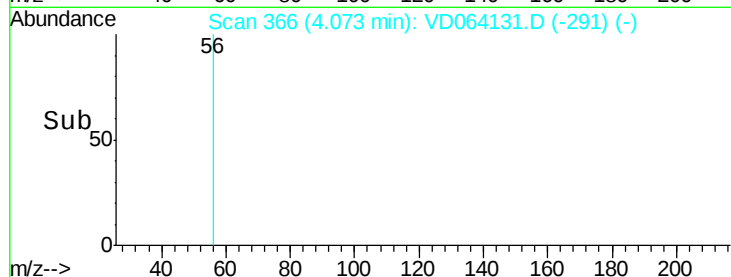
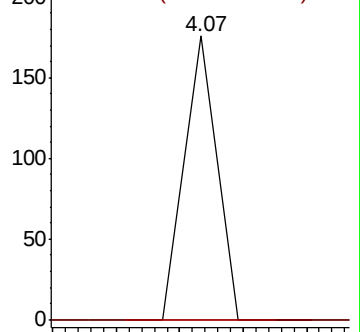
56 100

55 0.0 53.8 80.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 7.988 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064131.D

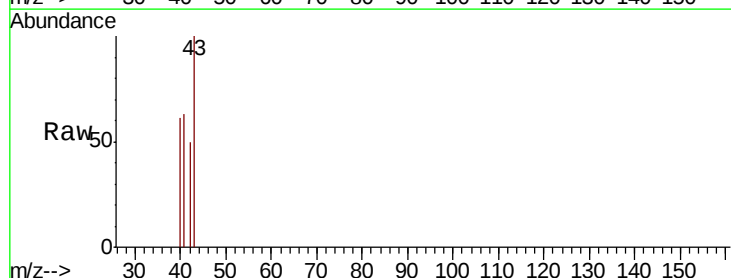
Acq: 31 Oct 2019 14:28

Tgt Ion: 43 Resp: 738

Ion Ratio Lower Upper

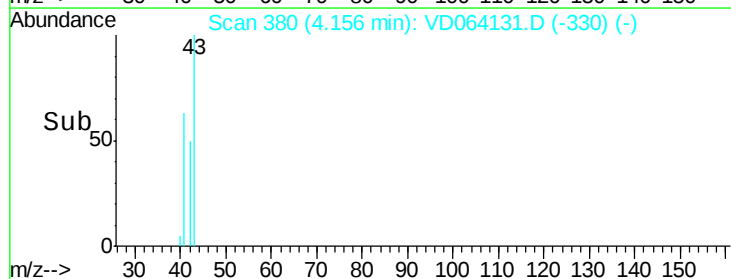
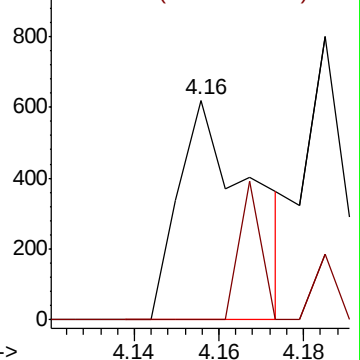
43 100

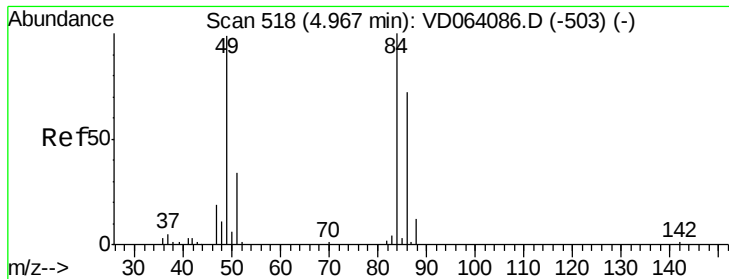
58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

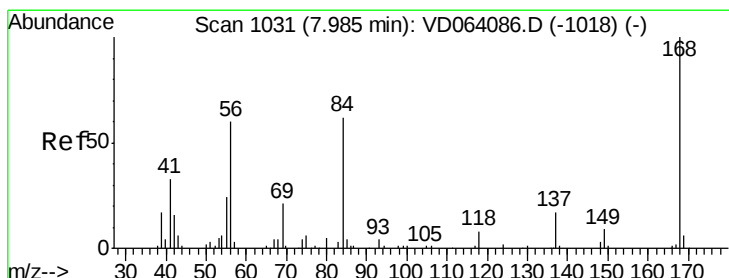
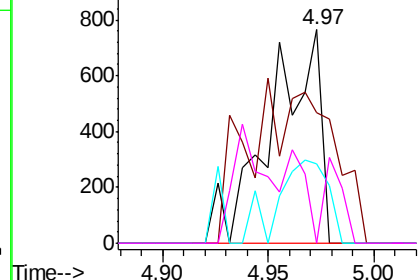
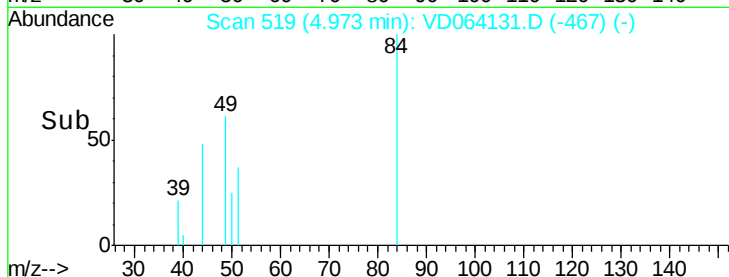
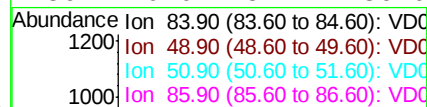
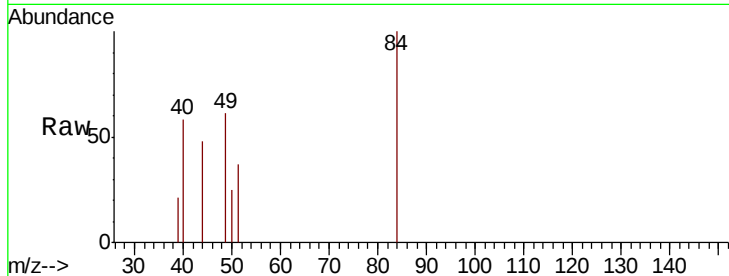
Delta R.T. 0.01 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	84	Resp:	1254
Ion	Ratio	Lower	Upper
84	100		
49	61.0	79.4	119.0#
51	37.0	27.4	41.2
86	0.0	57.4	86.0#



#31

Cyclohexane

Concen: 1.695 ug/l

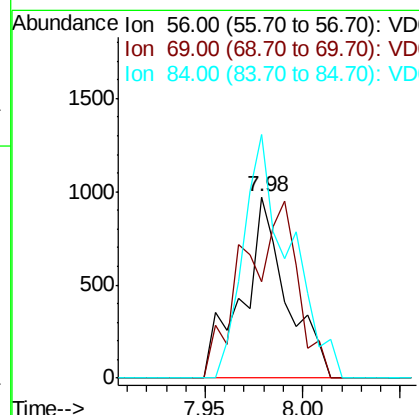
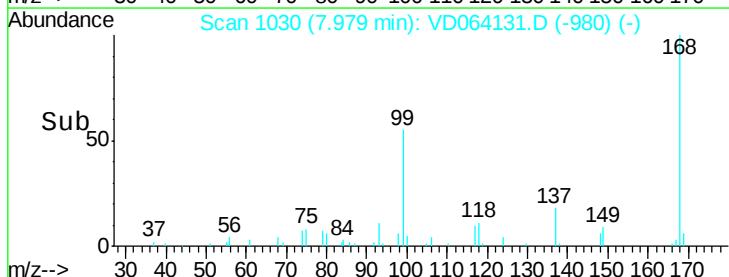
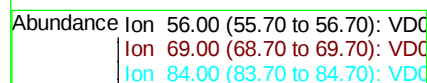
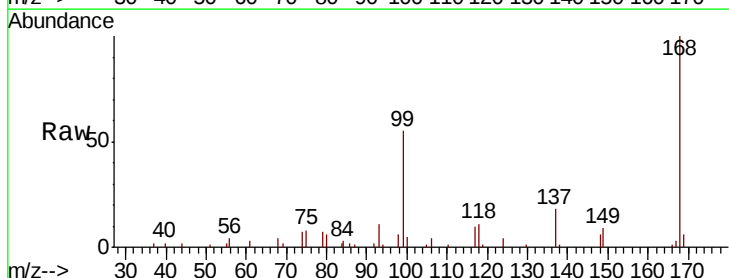
RT: 7.98 min Scan# 1030

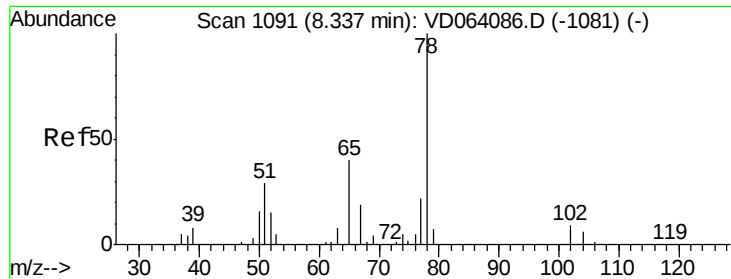
Delta R.T. -0.01 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

Tgt Ion:	56	Resp:	1531
Ion	Ratio	Lower	Upper
56	100		
69	52.9	27.7	41.5#
84	134.4	83.1	124.7#





#33

1,2-Dichloroethane-d4

Concen: 76.695 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

Instrument :

MSVOA_D

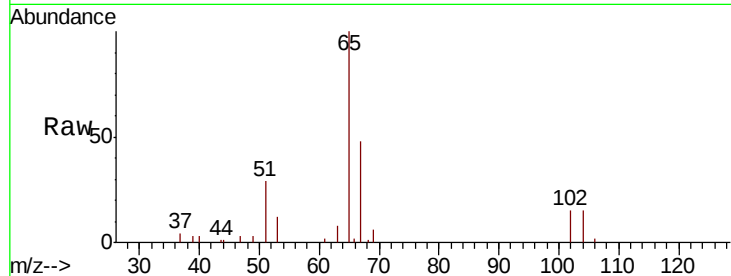
ClientSampleId :

Tot Ion: 65 Resp: 37239

Ion Ratio Lower Upper

65 100

67 54.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

20000

15000

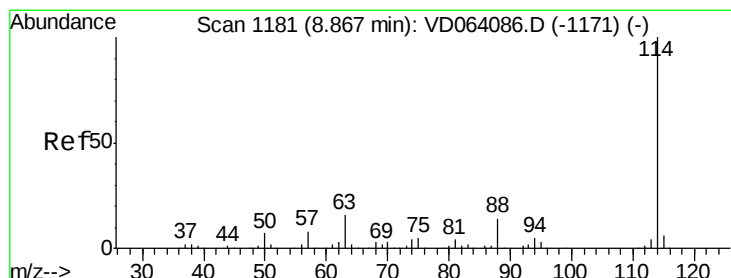
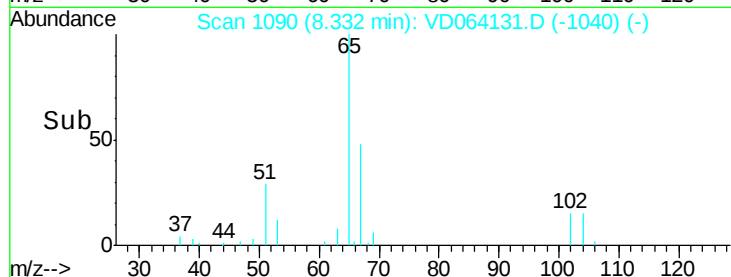
10000

5000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064131.D

Acq: 31 Oct 2019 14:28

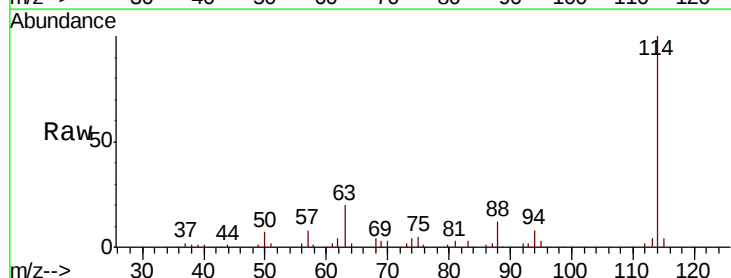
Tgt Ion: 114 Resp: 103907

Ion Ratio Lower Upper

114 100

63 20.0 0.0 32.8

88 12.5 0.0 27.6



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

60000

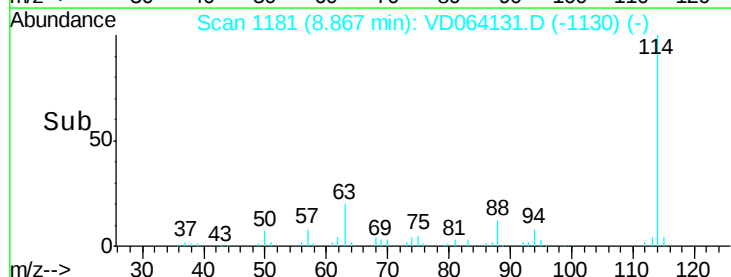
40000

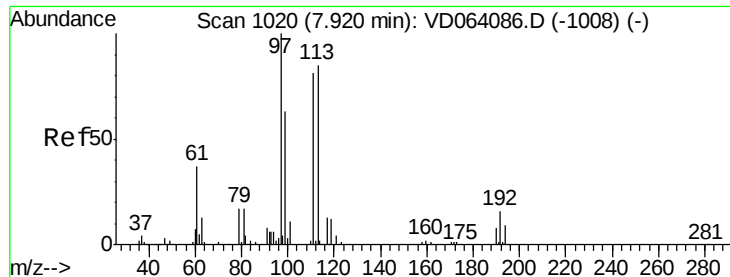
20000

0

8.80 8.85 8.90 8.95

Time-->

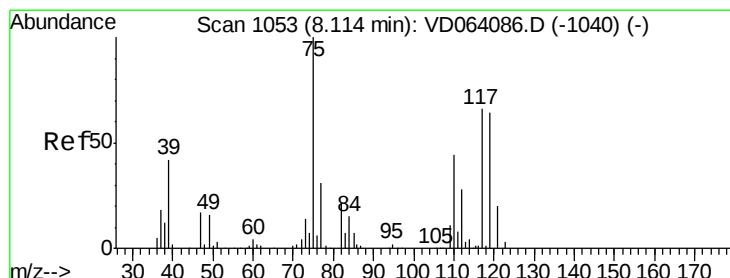
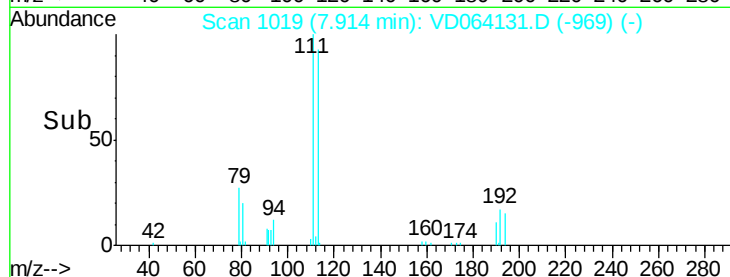
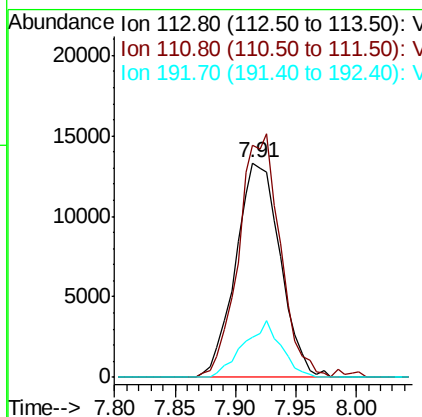
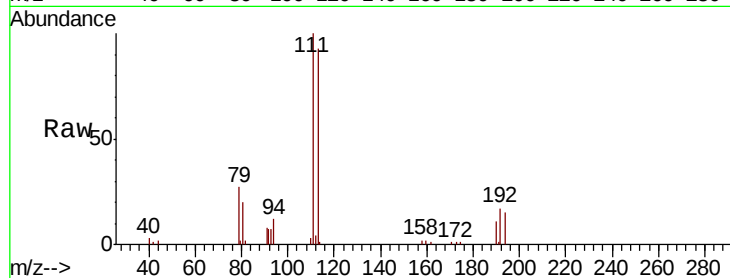




#35
 Dibromofluoromethane
 Concen: 53.654 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064131.D
 Acq: 31 Oct 2019 14:28

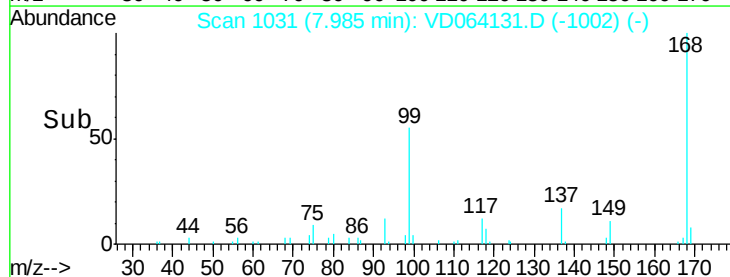
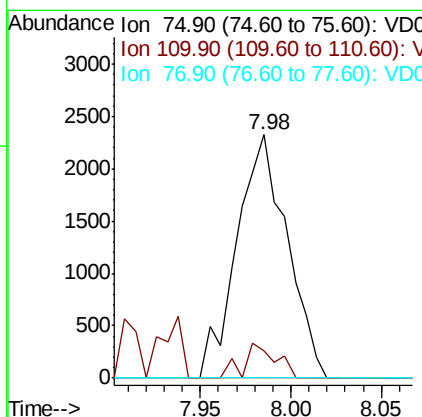
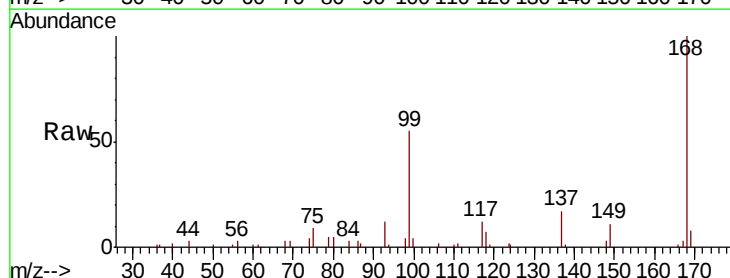
Instrument :
 MSVOA_D
 ClientSampleId :

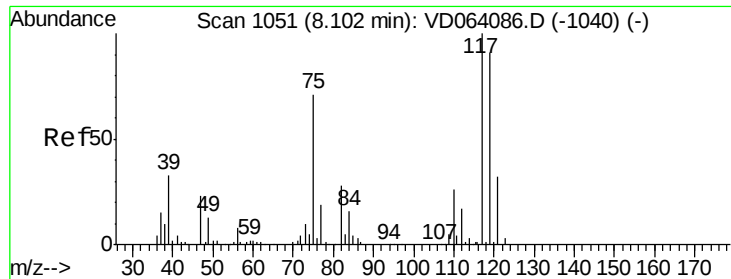
Tot Ion:113 Resp: 34299
 Ion Ratio Lower Upper
 113 100
 111 105.1 79.3 118.9
 192 22.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.608 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064131.D
 Acq: 31 Oct 2019 14:28

Tgt Ion: 75 Resp: 4487
 Ion Ratio Lower Upper
 75 100
 110 9.0 20.0 59.9#
 77 0.0 24.7 37.1#

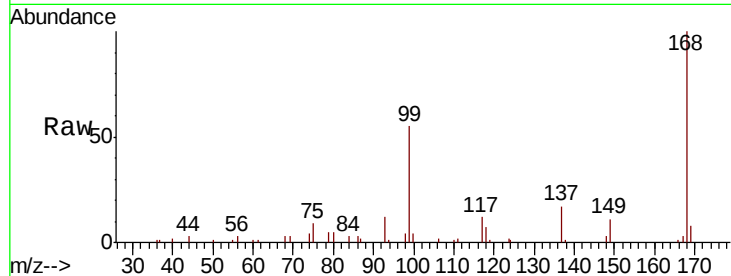




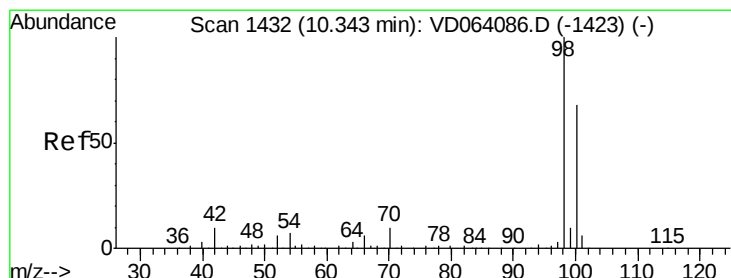
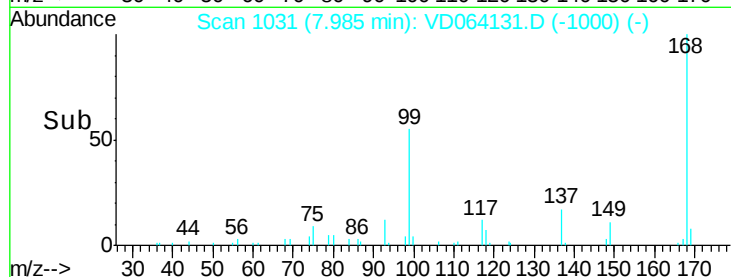
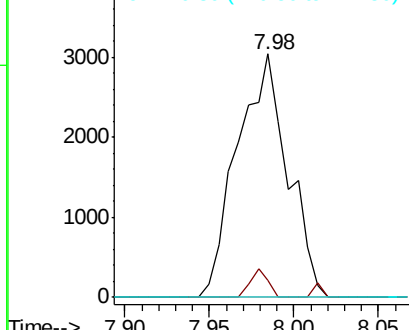
#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 6356
Ion Ratio Lower Upper
117 100
119 7.0 72.6 108.8#
121 0.0 25.8 38.6#

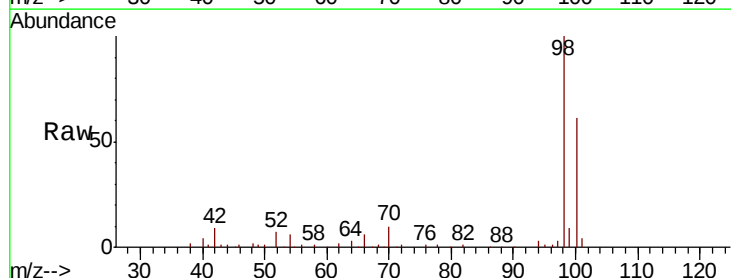


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

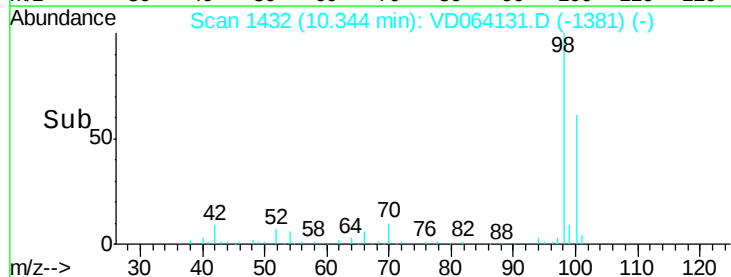
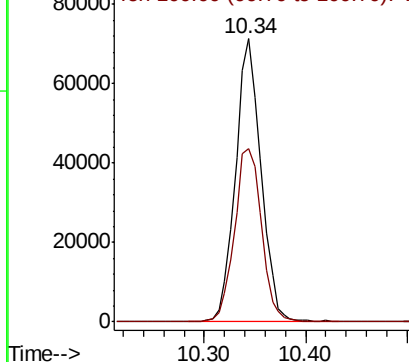


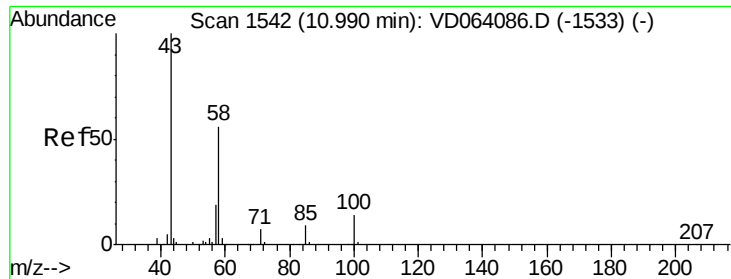
#50
Toluene-d8
Concen: 48.783 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

Tgt Ion: 98 Resp: 124714
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



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

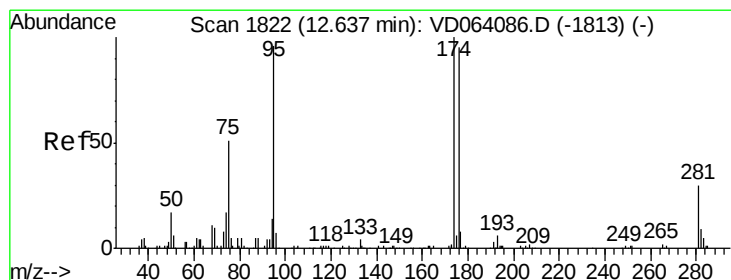
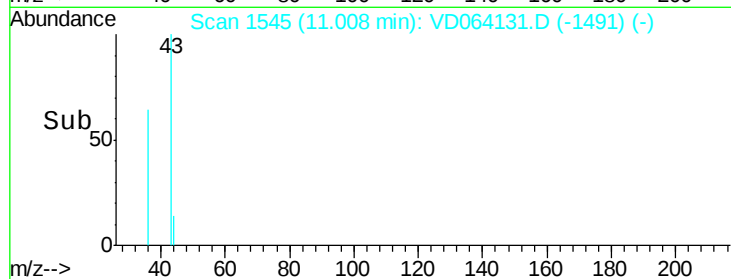
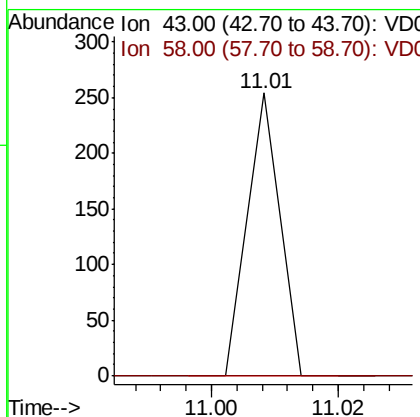
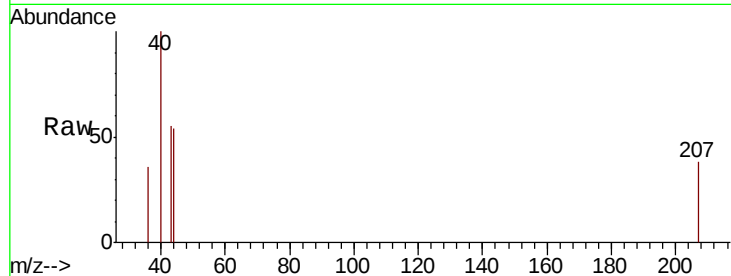




#59
2-Hexanone
Concen: 9.350 ug/l
RT: 11.01 min Scan# 1545
Delta R.T. 0.02 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

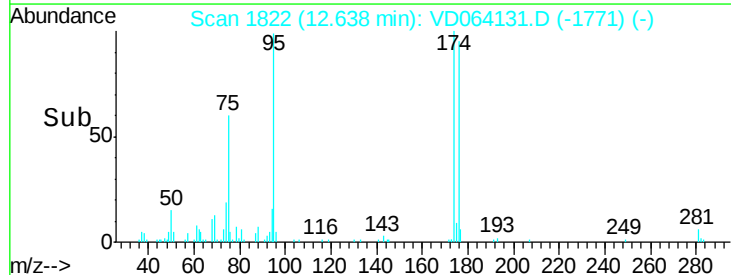
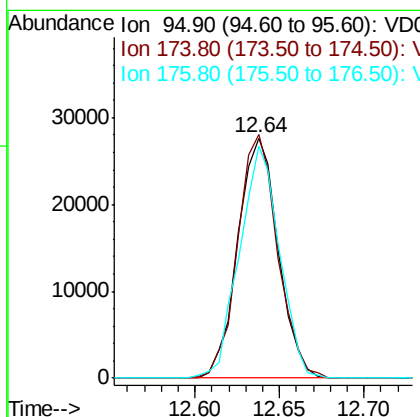
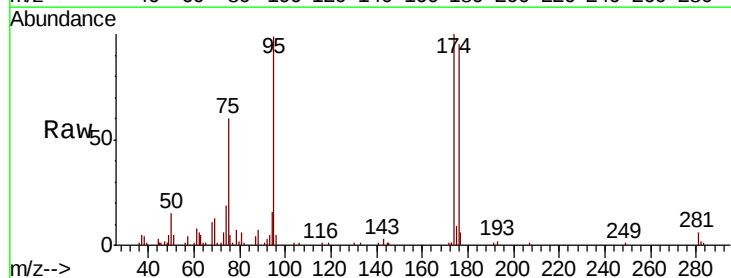
Instrument :
MSVOA_D
ClientSampleId :

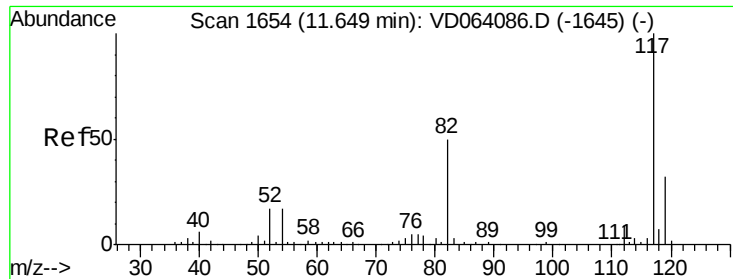
Tot Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 54.332 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

Tgt Ion: 95 Resp: 46050
Ion Ratio Lower Upper
95 100
174 100.2 0.0 201.6
176 95.7 0.0 192.6

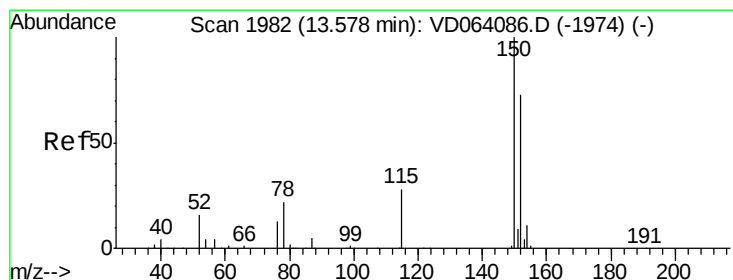
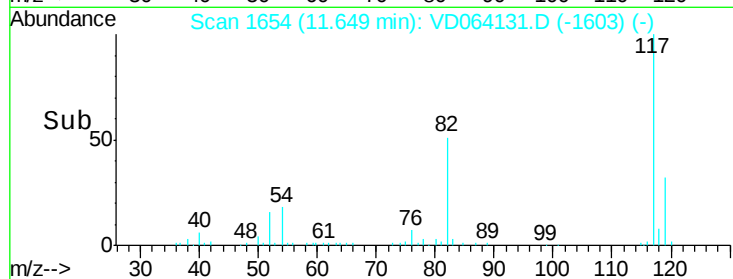
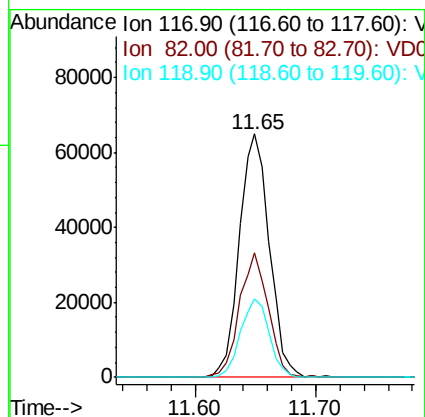
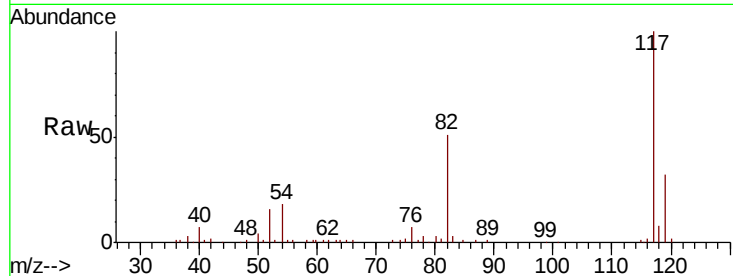




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

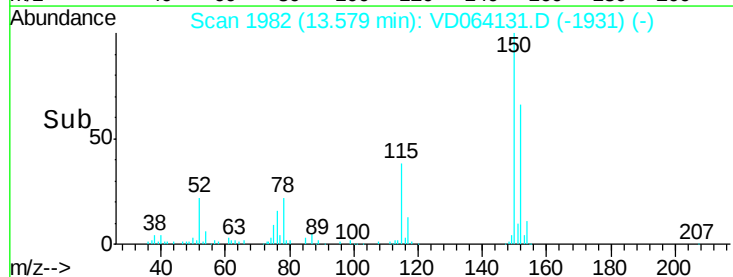
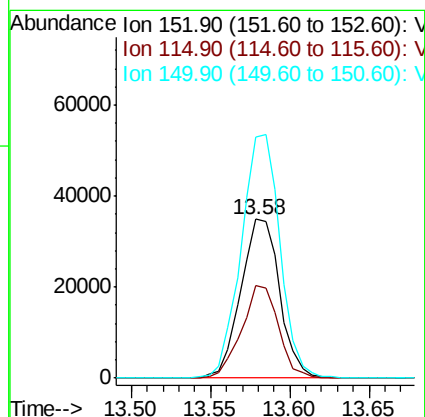
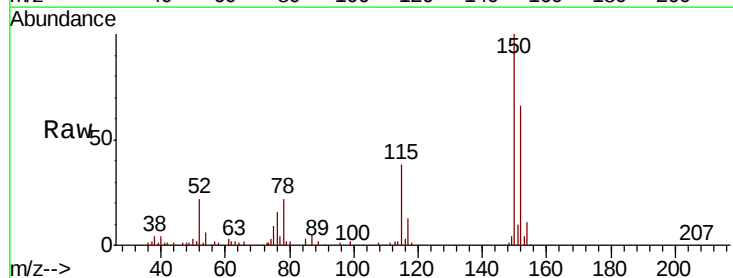
Instrument :
MSVOA_D
ClientSampled :

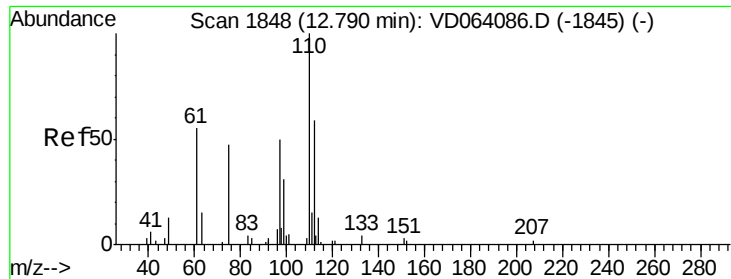
Tot Ion:117 Resp: 112753
Ion Ratio Lower Upper
117 100
82 51.4 40.2 60.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064131.D
Acq: 31 Oct 2019 14:28

Tgt Ion:152 Resp: 59435
Ion Ratio Lower Upper
152 100
115 55.5 26.2 78.6
150 153.0 0.0 338.8

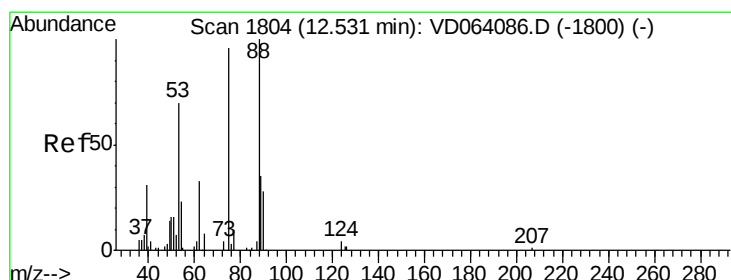
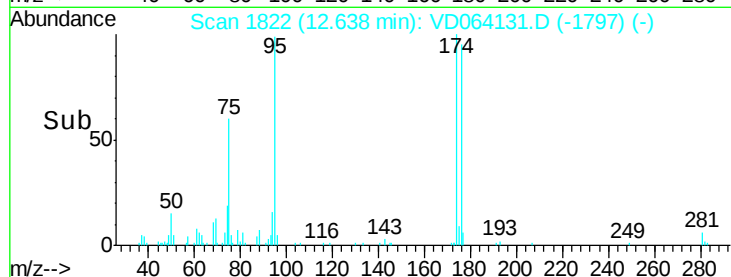
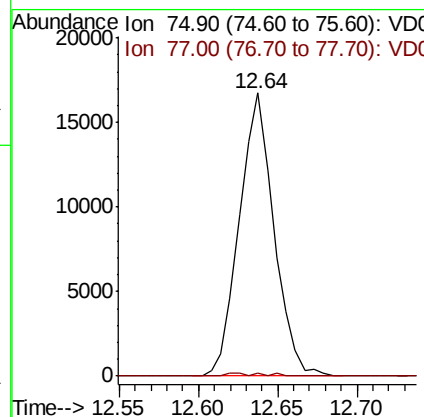
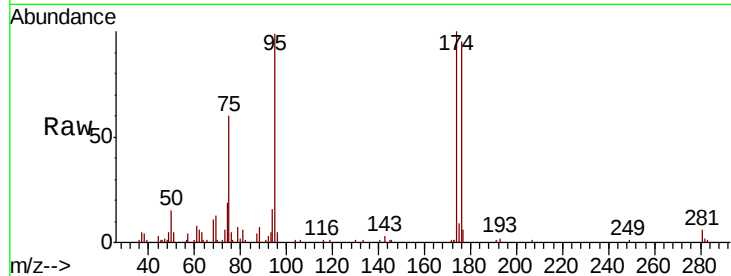




#76
 1,2,3-Trichloropropane
 Concen: 63.560 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064131.D
 Acq: 31 Oct 2019 14:28

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 25384
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.806 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064131.D
 Acq: 31 Oct 2019 14:28

Tgt Ion: 75 Resp: 25384
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.0 36.9 55.3#

