

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065228.D
 Acq On : 18 Feb 2020 19:39
 Operator : VA/SY
 Sample : L1575-02
 Misc : 5.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-S2

Quant Time: Feb 19 03:32:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	532439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	872647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	916102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	442089	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	244660	51.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.16%	
35) Dibromofluoromethane	7.93	113	272092	51.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.28%	
50) Toluene-d8	10.34	98	1076055	52.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	403551	62.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.24%	

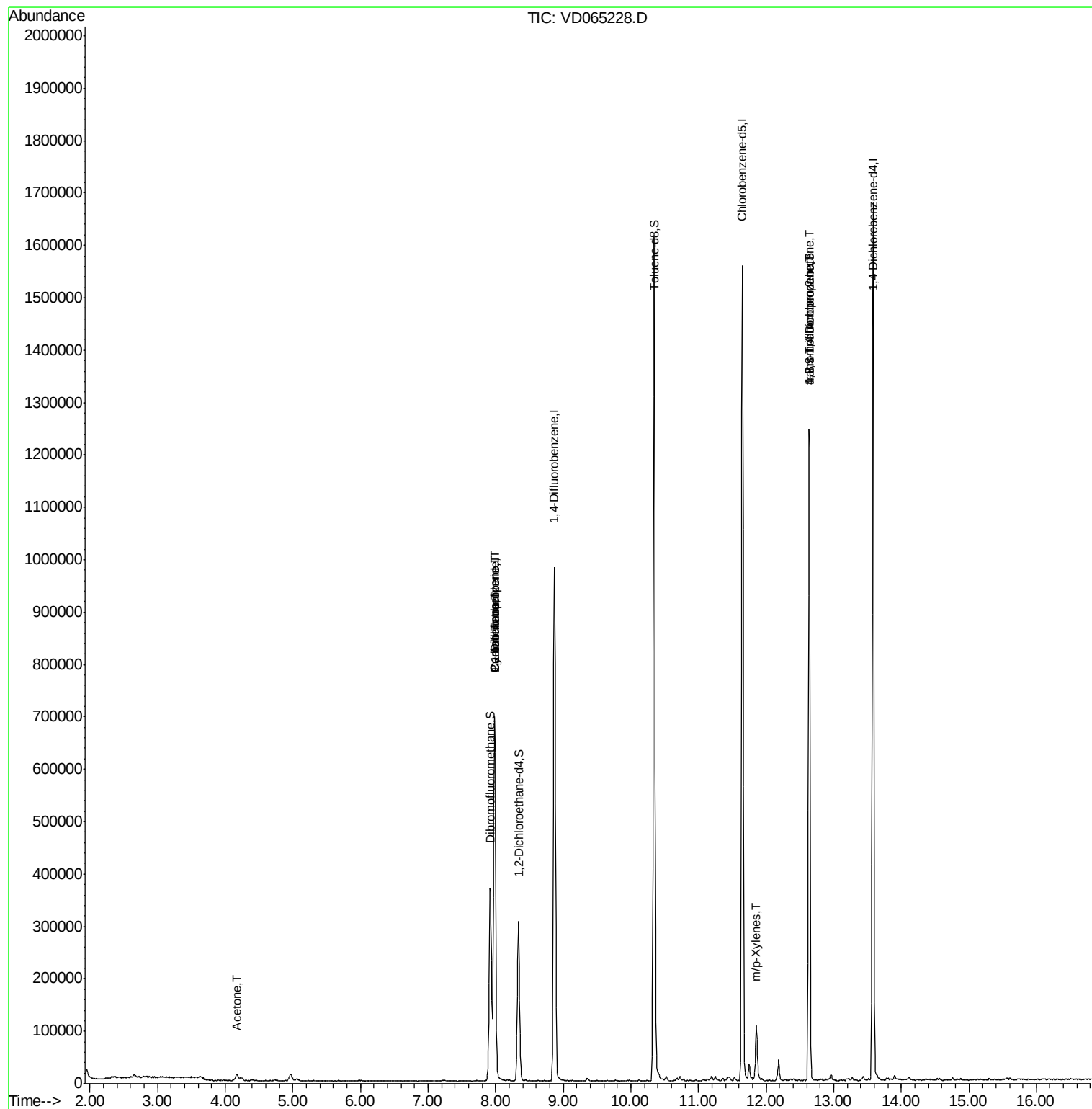
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.93	56	61	Below Cal	#	14
16) Acetone	4.17	43	22815	19.485	ug/l	93
20) Methylene Chloride	4.96	84	9387	Below Cal	#	78
31) Cyclohexane	7.98	56	11242	1.194	ug/l	11
36) 1,1-Dichloropropene	7.98	75	40119	4.725	ug/l	50
38) Carbon Tetrachloride	7.98	117	50815	5.879	ug/l	16
68) m/p-Xylenes	11.86	106	29208	2.371	ug/l	91
76) 1,2,3-Trichloropropane	12.64	75	204562	54.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	204562	117.425	ug/l	11

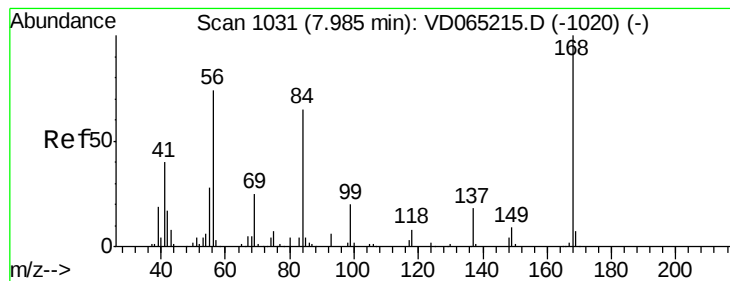
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
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Quant Time: Feb 19 03:32:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
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: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

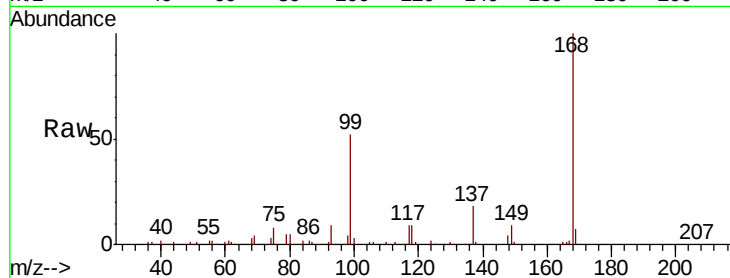
TP-A-S2

Tot Ion:168 Resp: 532439

Ion Ratio Lower Upper

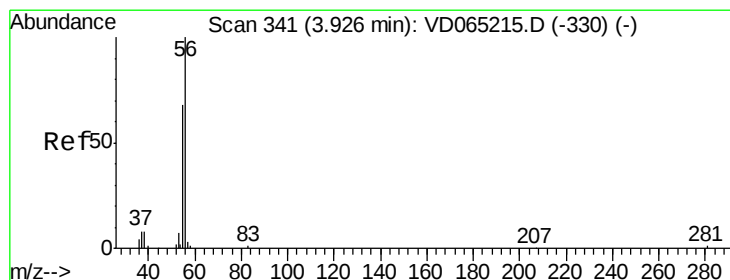
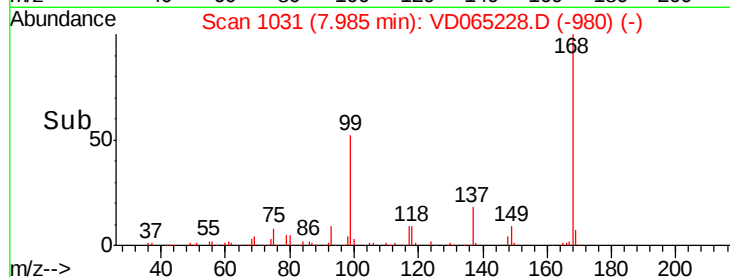
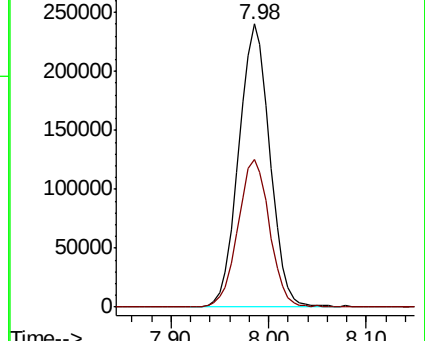
168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065228.D

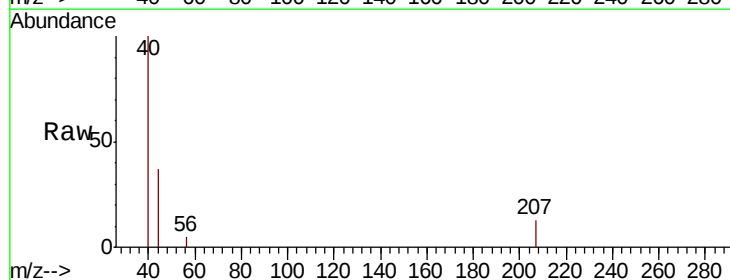
Acq: 18 Feb 2020 19:39

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

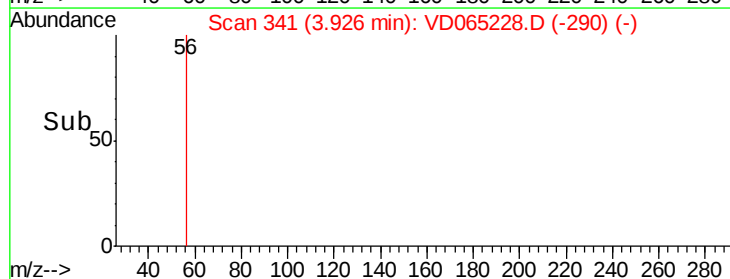
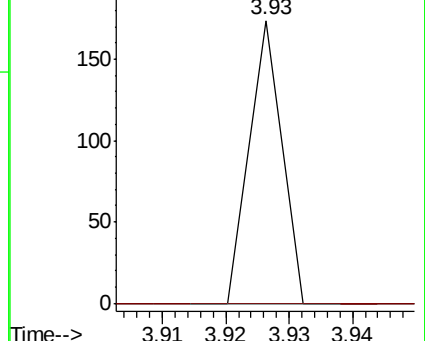
56 100

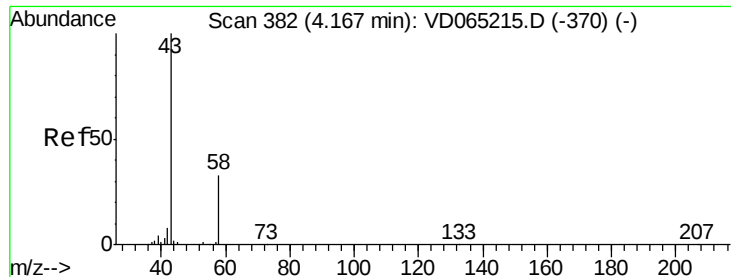
55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 19.485 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

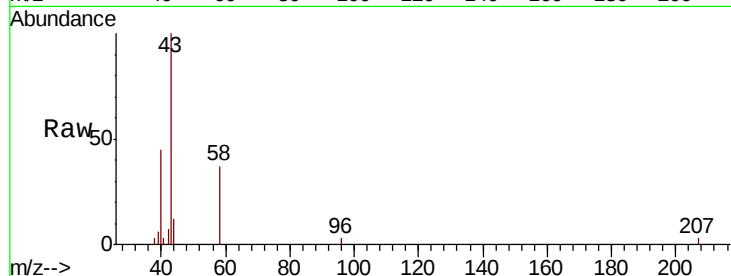
TP-A-S2

Tot Ion: 43 Resp: 22815

Ion Ratio Lower Upper

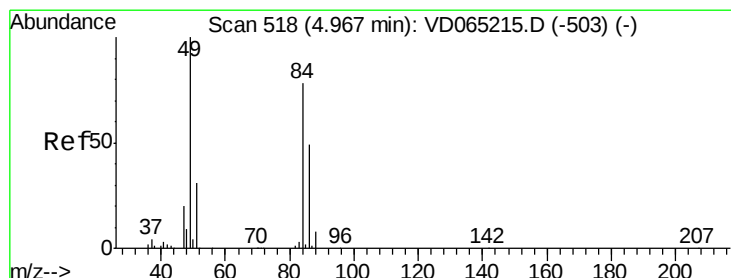
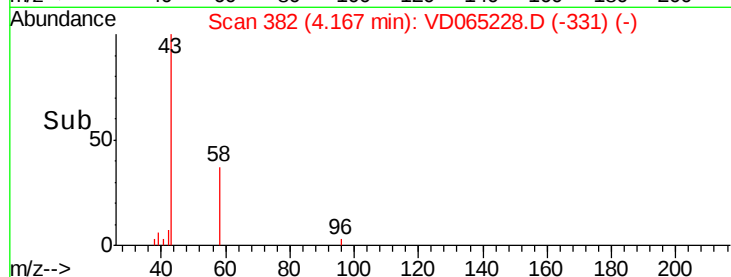
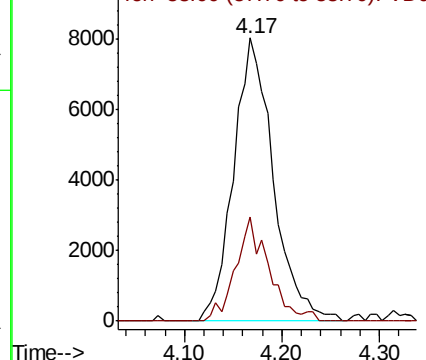
43 100

58 36.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Tgt Ion: 84 Resp: 9387

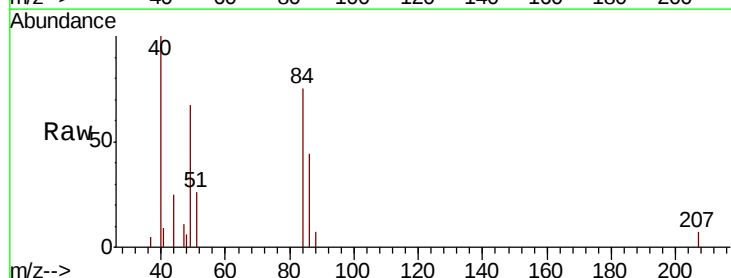
Ion Ratio Lower Upper

84 100

49 90.0 103.1 154.7#

51 34.6 31.7 47.5

86 58.7 50.9 76.3

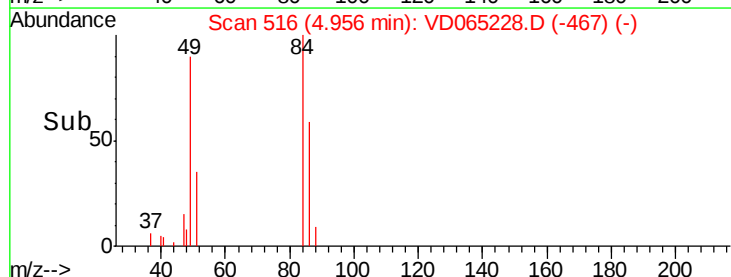
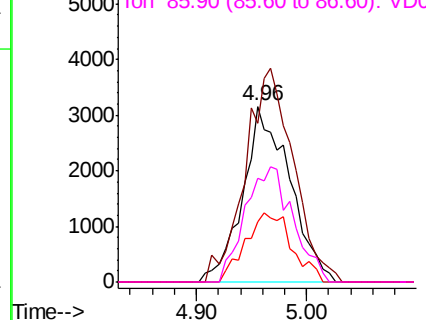


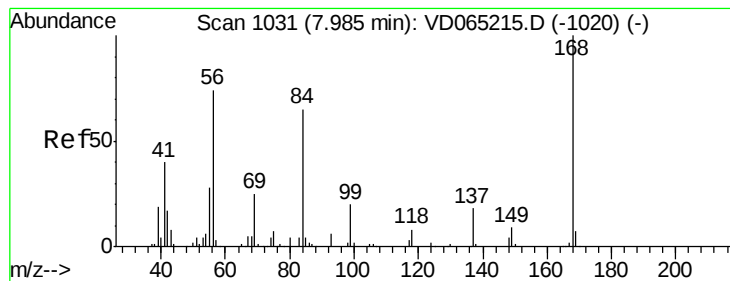
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP-A-S2

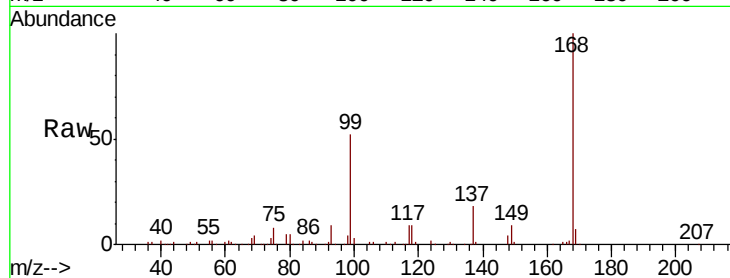
Tot Ion: 56 Resp: 11242

Ion Ratio Lower Upper

56 100

69 183.0 27.4 41.0#

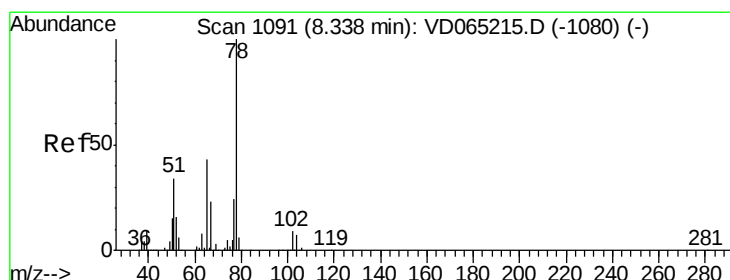
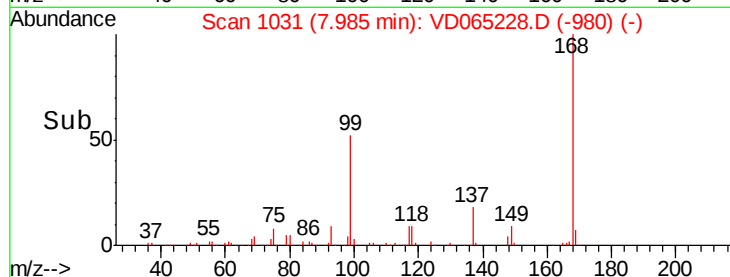
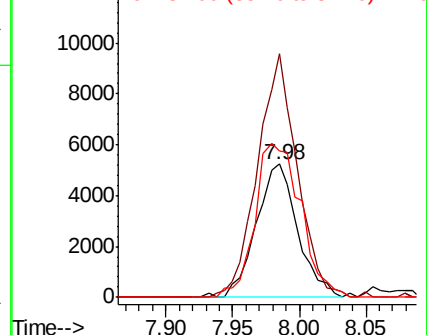
84 110.4 71.1 106.7#



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: 51.079 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065228.D

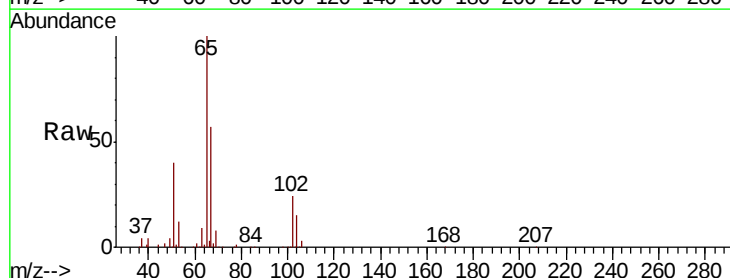
Acq: 18 Feb 2020 19:39

Tgt Ion: 65 Resp: 244660

Ion Ratio Lower Upper

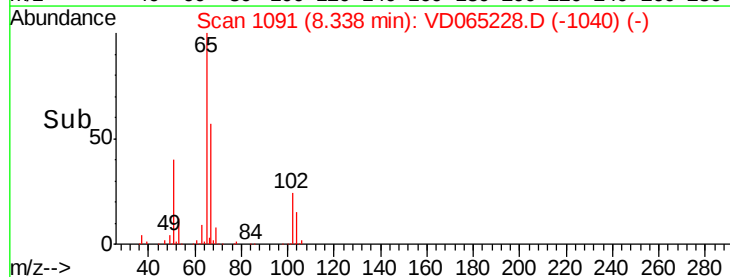
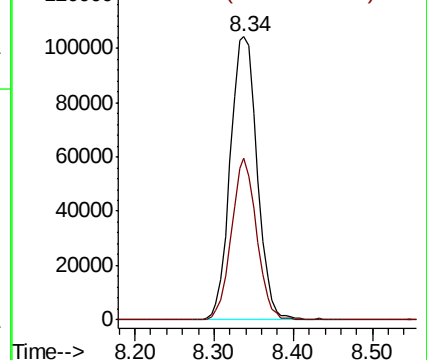
65 100

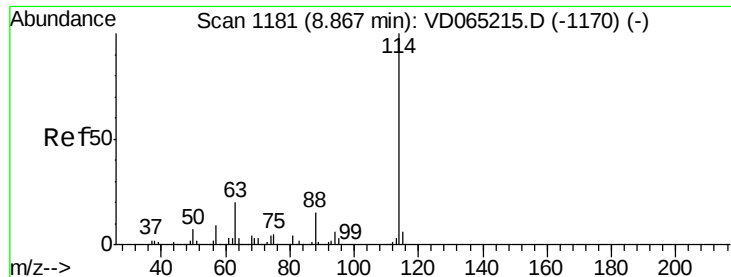
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

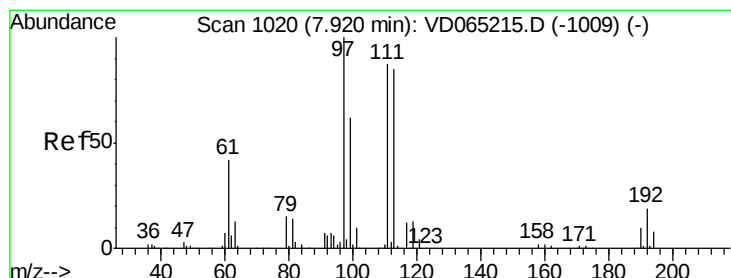
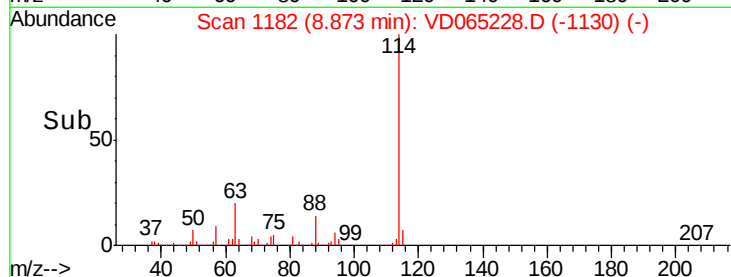
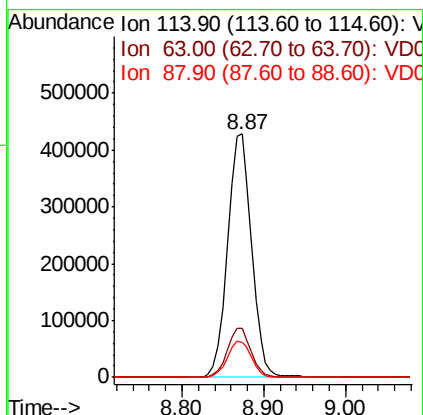
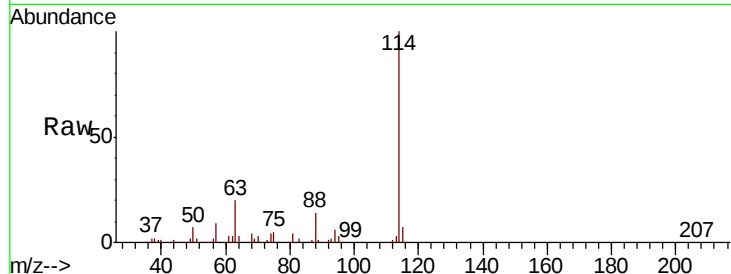




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065228.D
 Acq: 18 Feb 2020 19:39

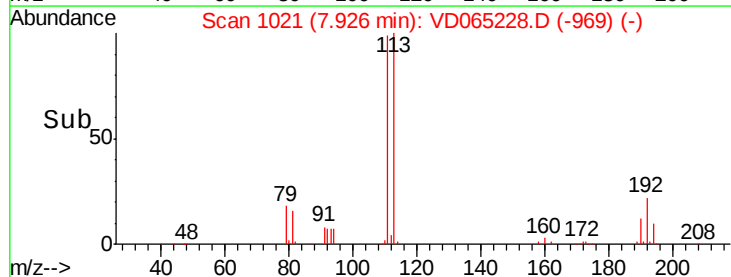
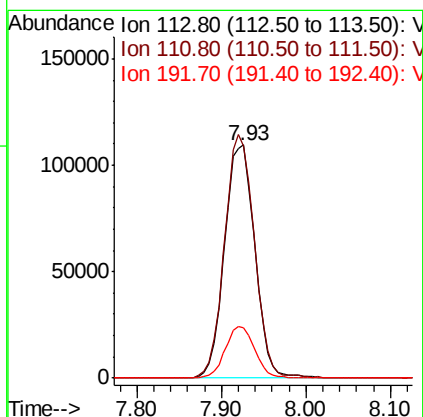
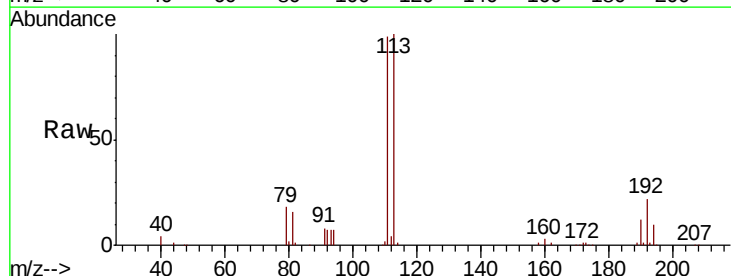
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-S2

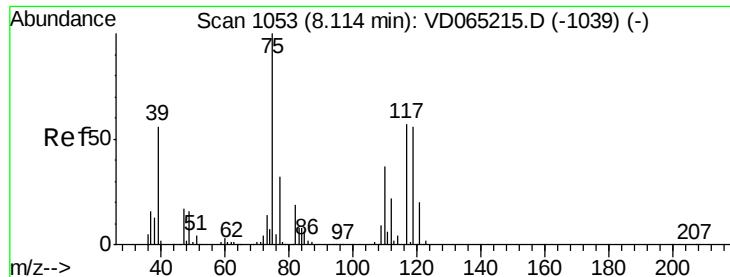
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	14.2	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 51.137 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD065228.D
 Acq: 18 Feb 2020 19:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	21.4	17.3	25.9





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleID :

TP-A-S2

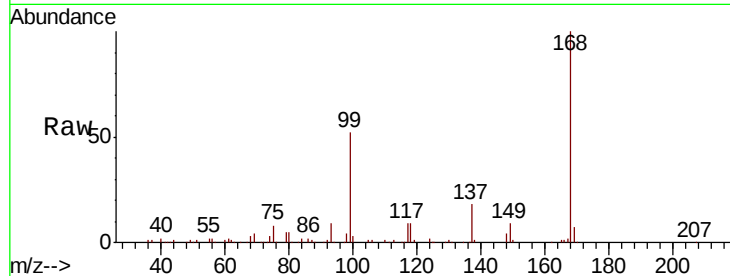
Tot Ion: 75 Resp: 40119

Ion Ratio Lower Upper

75 100

110 9.9 17.9 53.7#

77 0.0 25.1 37.7#

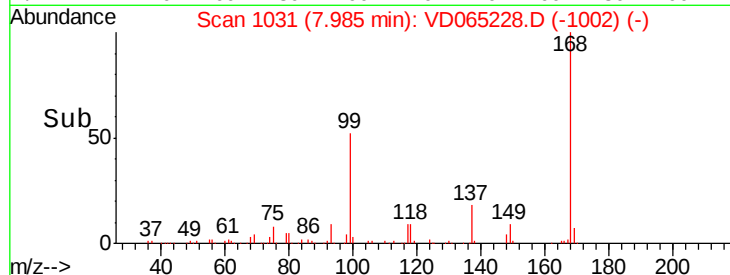


Abundance Ion 74.90 (74.60 to 75.60): VD065215.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD065215.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD065215.D (-1039) (-)

Time-->

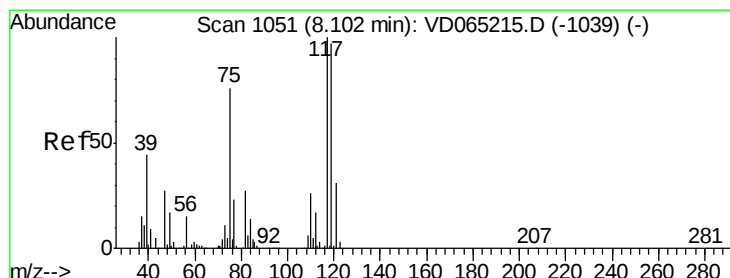


Abundance Ion 74.90 (74.60 to 75.60): VD065215.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD065215.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD065215.D (-1039) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.879 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

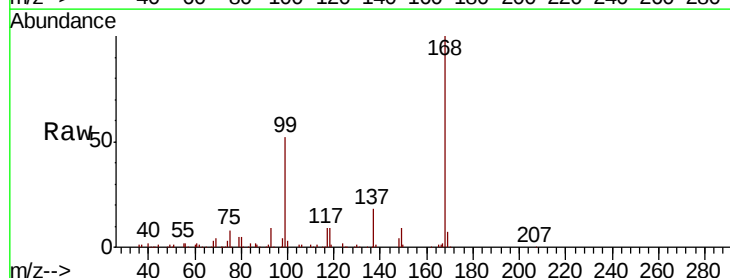
Tgt Ion: 117 Resp: 50815

Ion Ratio Lower Upper

117 100

119 5.3 77.6 116.4#

121 0.0 24.8 37.2#

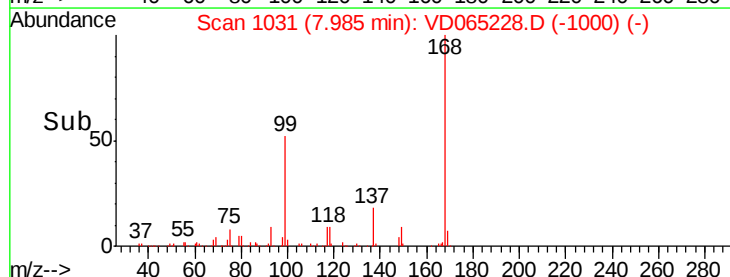


Abundance Ion 116.80 (116.50 to 117.50): VD065215.D (-1039) (-)

Ion 118.80 (118.50 to 119.50): VD065215.D (-1039) (-)

Ion 120.80 (120.50 to 121.50): VD065215.D (-1039) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VD065215.D (-1039) (-)

Ion 118.80 (118.50 to 119.50): VD065215.D (-1039) (-)

Ion 120.80 (120.50 to 121.50): VD065215.D (-1039) (-)

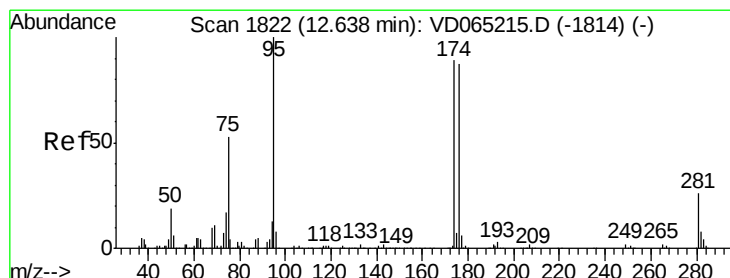
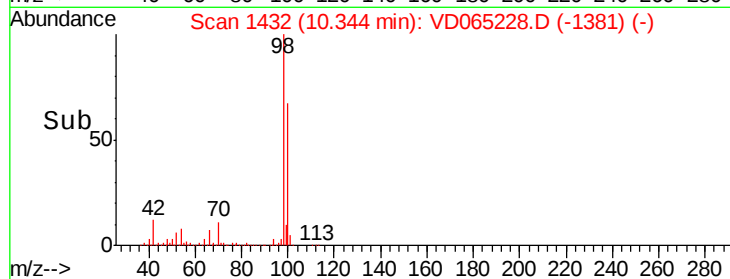
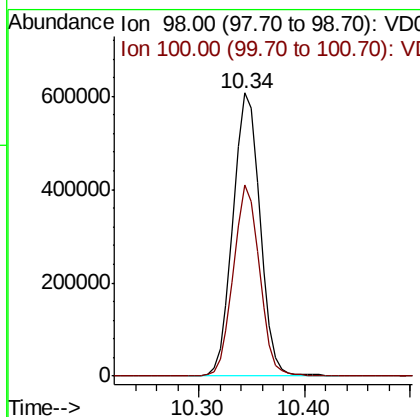
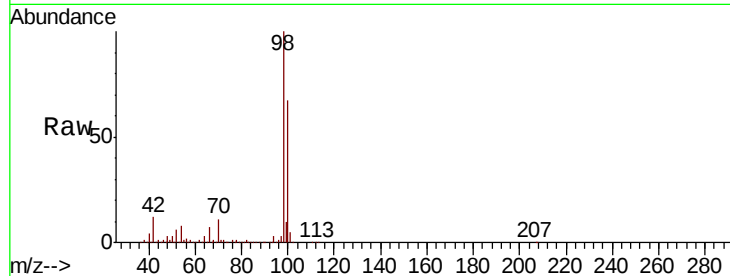
Time-->



#50
Toluene-d8
Concen: 52.900 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

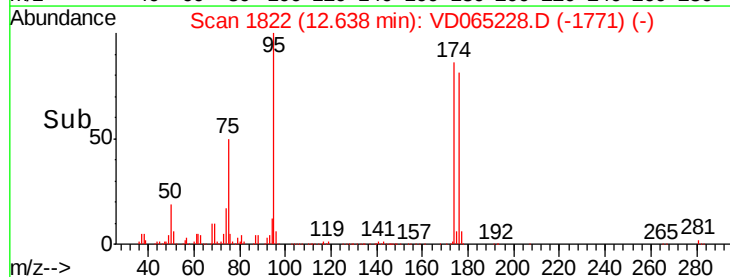
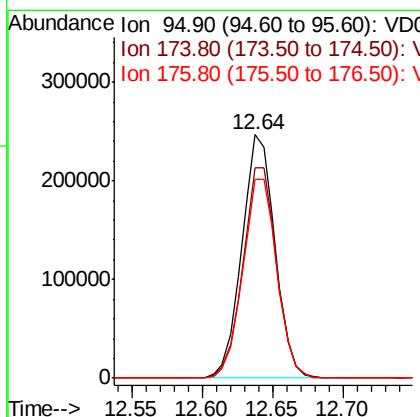
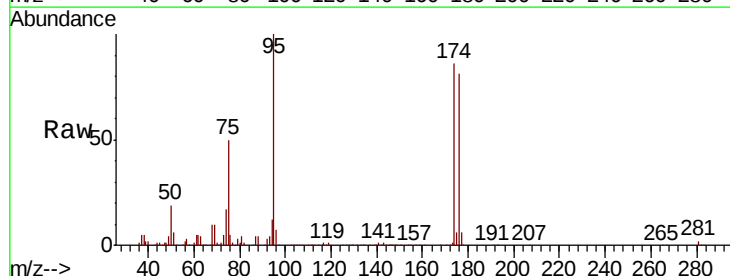
Instrument :
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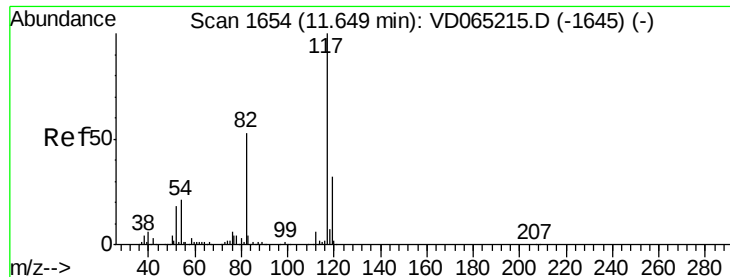
Tot Ion: 98 Resp: 1076055
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 62.625 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Tgt Ion: 95 Resp: 403551
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.0
176 84.7 0.0 174.4

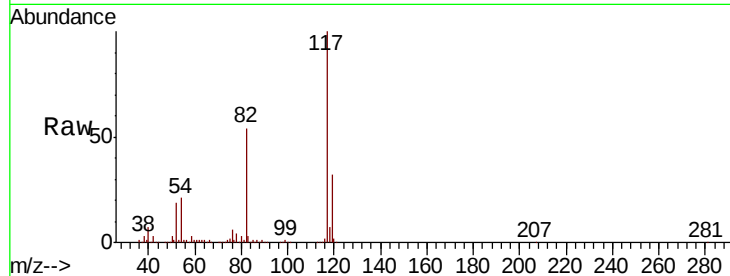




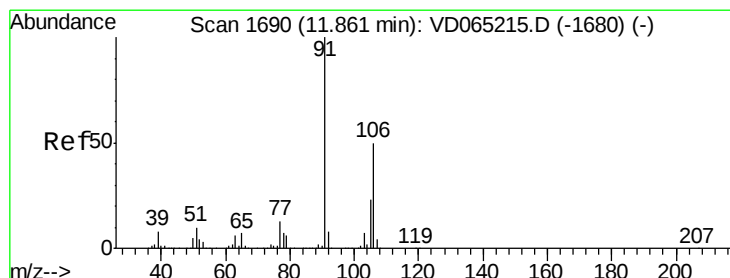
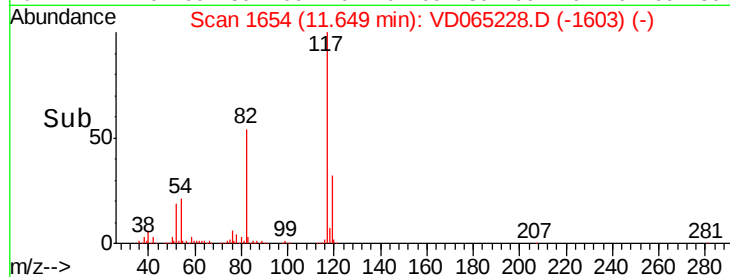
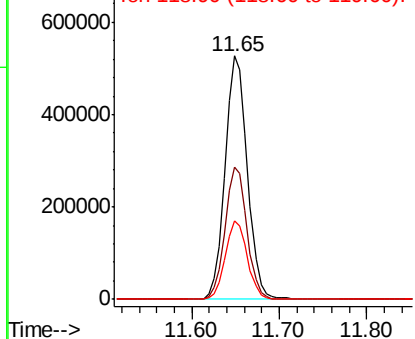
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Instrument :
MSVOA_D
ClientSampleId :
TP-A-S2

Tot Ion:117 Resp: 916102
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 32.2 25.5 38.3

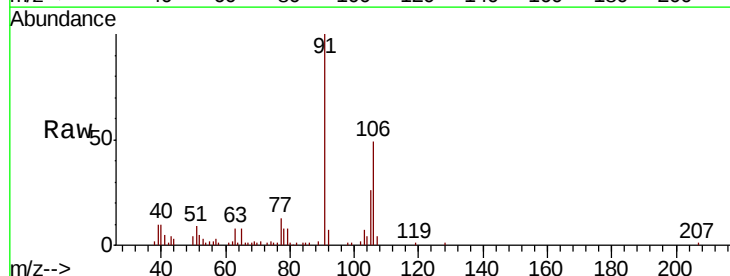


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

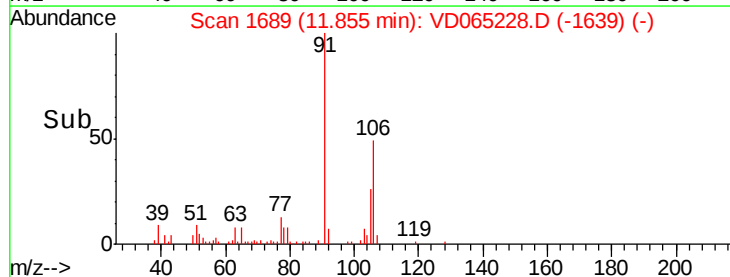
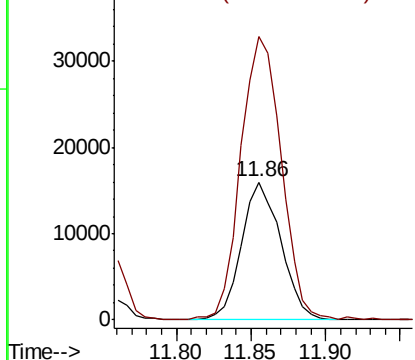


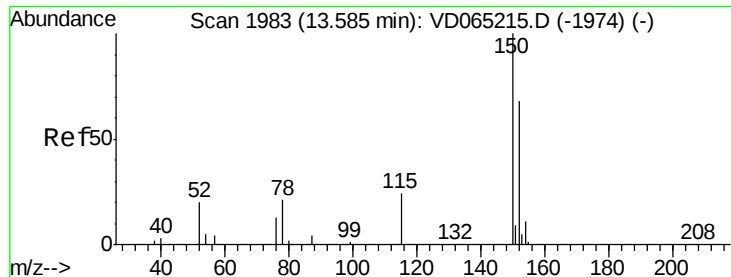
#68
m/p-Xylenes
Concen: 2.371 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Tgt Ion:106 Resp: 29208
Ion Ratio Lower Upper
106 100
91 211.6 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



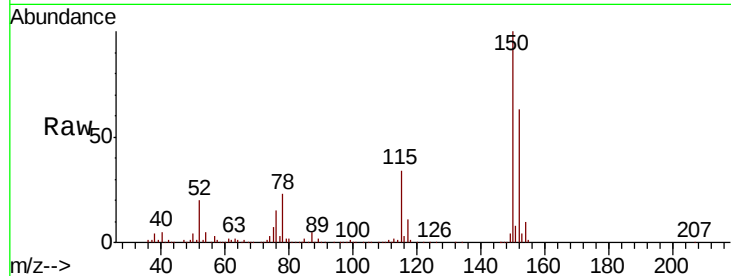


#72

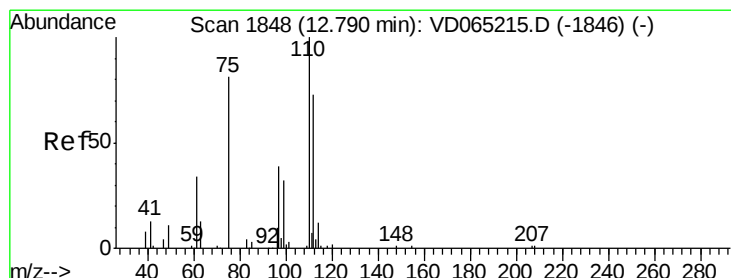
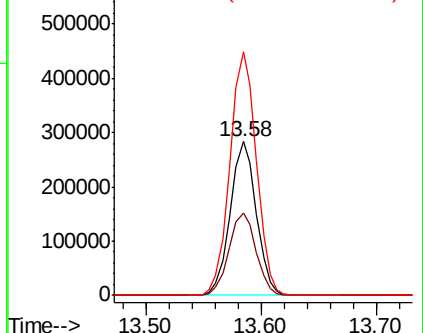
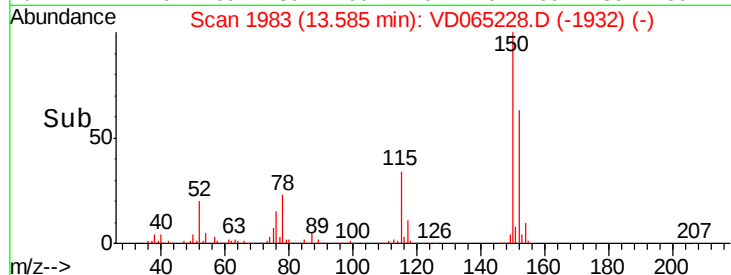
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Instrument :
MSVOA_D
ClientSampleId :
TP-A-S2

Tot Ion:152 Resp: 442089
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 160.9 0.0 347.4



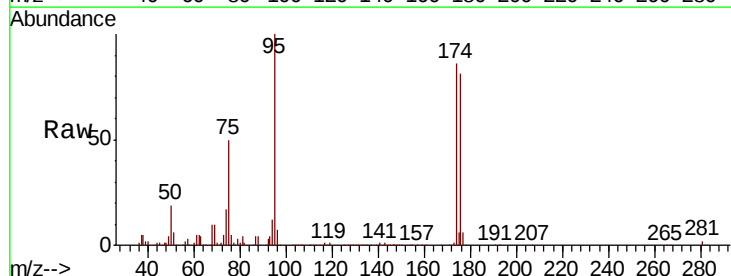
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



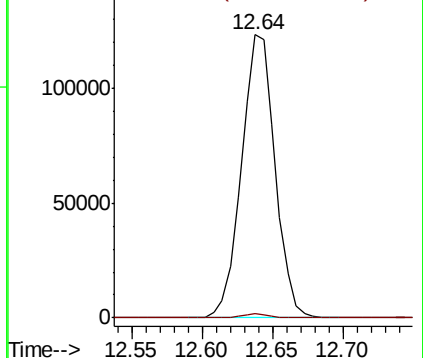
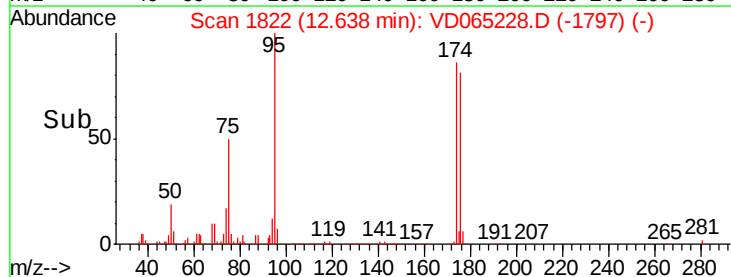
#76

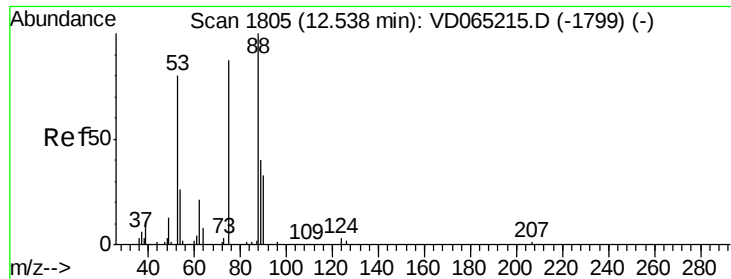
1,2,3-Trichloropropane
Concen: 54.384 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065228.D
Acq: 18 Feb 2020 19:39

Tgt Ion: 75 Resp: 204562
Ion Ratio Lower Upper
75 100
77 1.3 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: 117.425 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065228.D

Acq: 18 Feb 2020 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP-A-S2

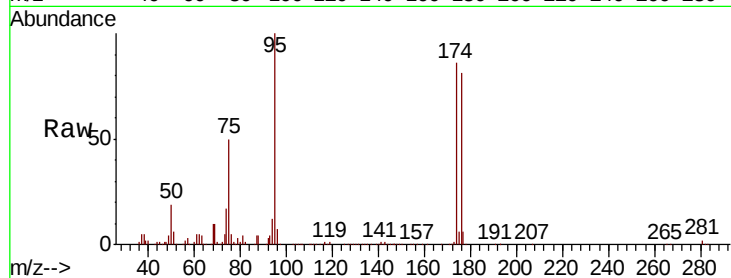
Tot Ion: 75 Resp: 204562

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#



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

