

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064488.D
 Acq On : 10 Dec 2019 17:19
 Operator : VA/SY
 Sample : K6242-03
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 00:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	417636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	646429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	596525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287613	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	168321	44.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.06%	
35) Dibromofluoromethane	7.92	113	190245	46.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.42%	
50) Toluene-d8	10.34	98	760594	49.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.64	95	255778	51.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.76%	

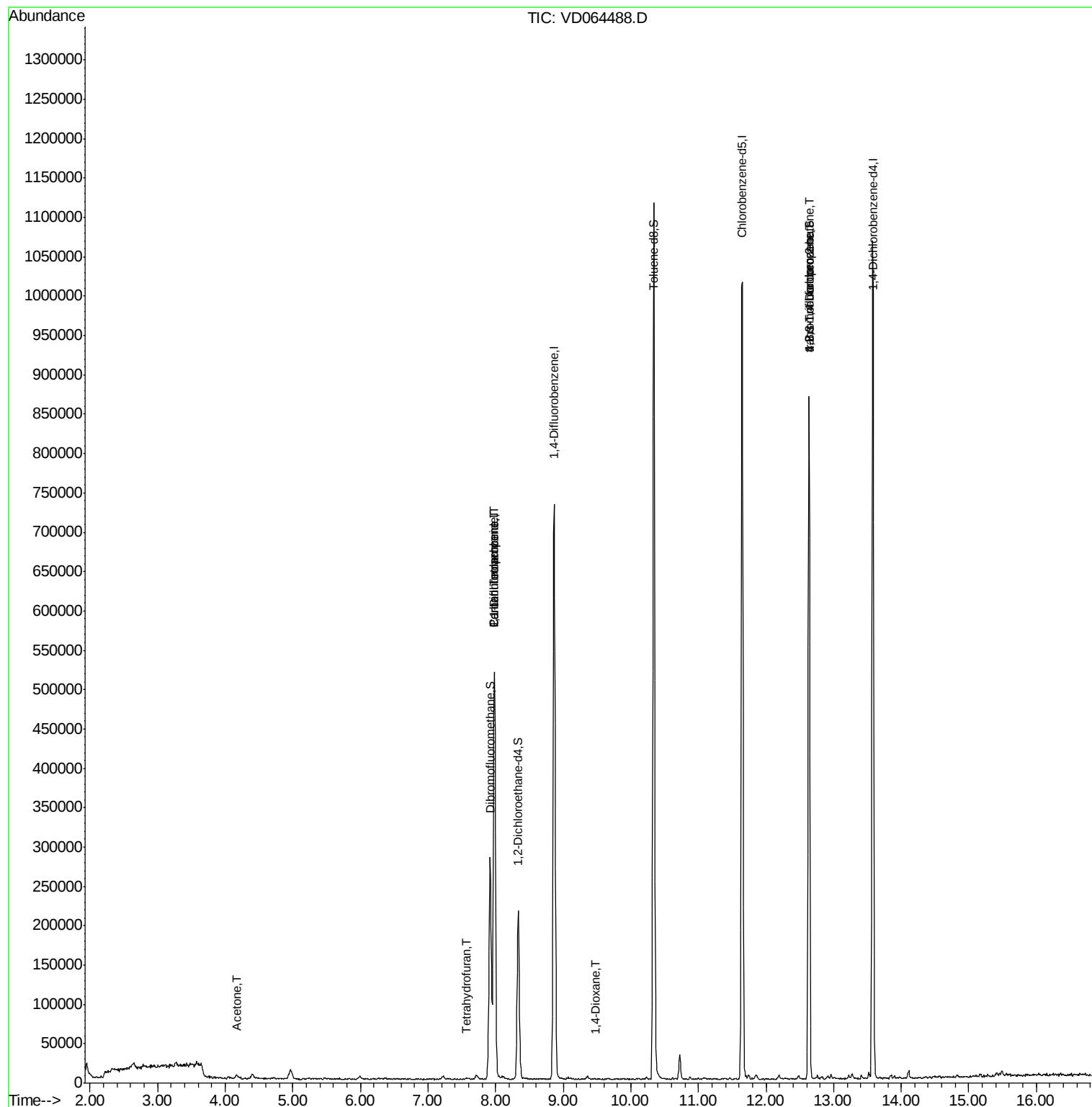
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	8053	10.542	ug/l #	88
20) Methylene Chloride	4.96	84	5254	Below Cal	#	86
29) Tetrahydrofuran	7.57	42	1333	1.939	ug/l #	43
31) Cyclohexane	7.98	56	9954	Below Cal	#	35
36) 1,1-Dichloropropene	7.98	75	29383	4.806	ug/l #	49
38) Carbon Tetrachloride	7.98	117	38774	6.008	ug/l #	17
49) 1,4-Dioxane	9.47	88	55	1.943	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	133133	56.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	133133	122.736	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	214	Below Cal	#	1

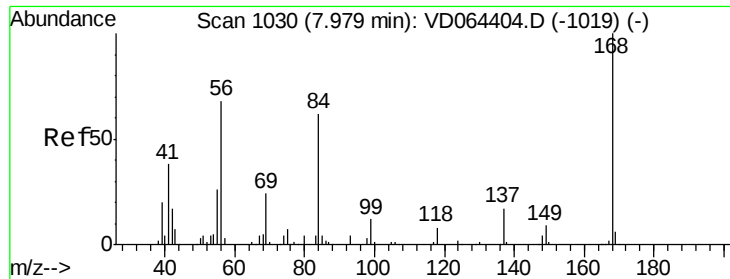
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121019\
Data File : VD064488.D
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MSVOA_D
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Quant Time: Dec 11 00:48:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

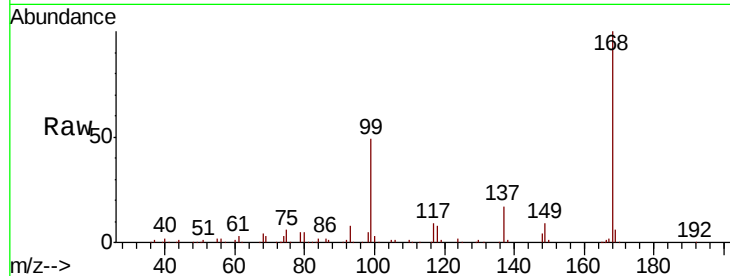
ClientSampleId :

Tot Ion:168 Resp: 417636

Ion Ratio Lower Upper

168 100

99 48.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

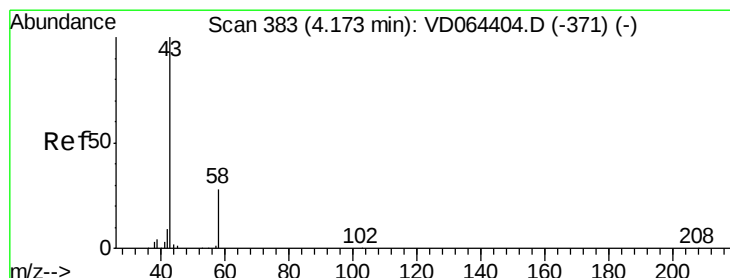
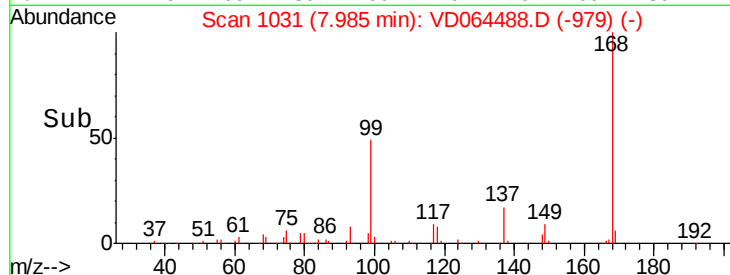
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.542 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064488.D

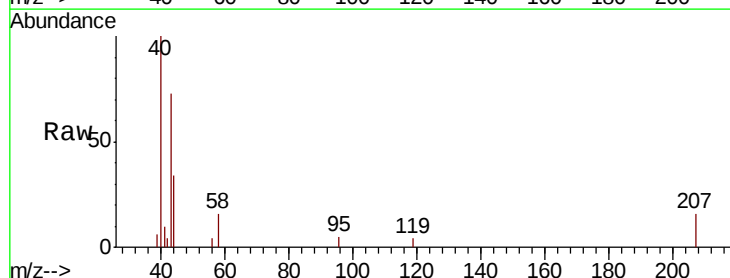
Acq: 10 Dec 2019 17:19

Tgt Ion: 43 Resp: 8053

Ion Ratio Lower Upper

43 100

58 22.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

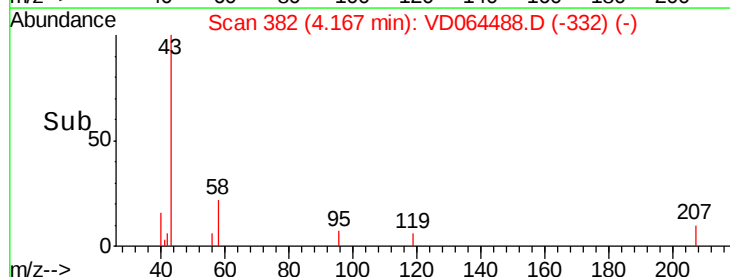
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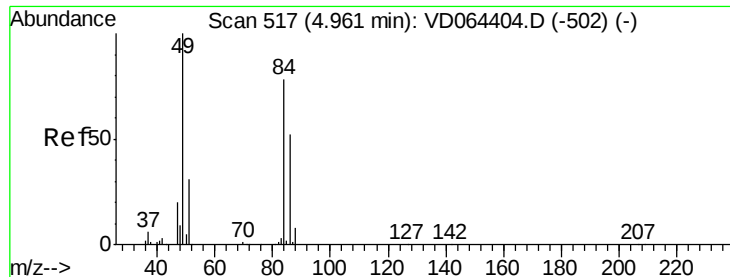
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0

Time-->

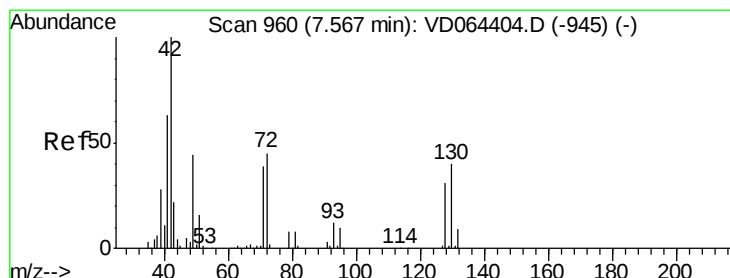
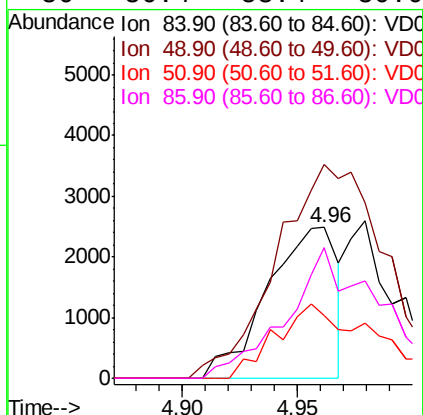
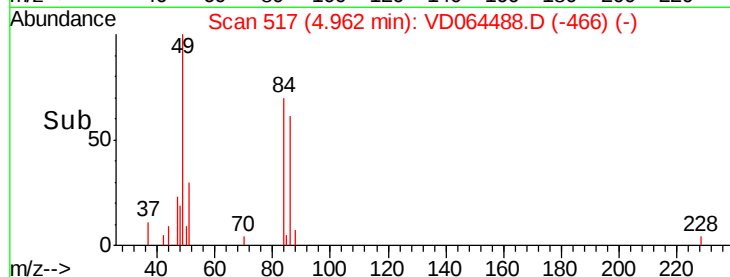
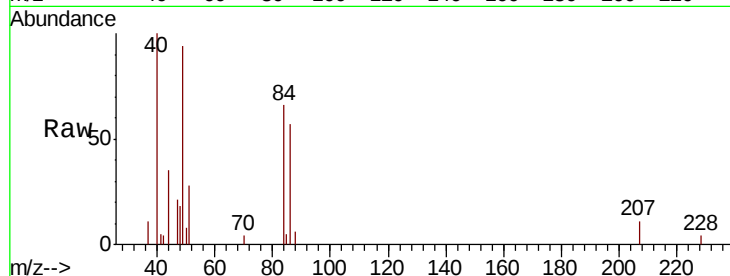




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

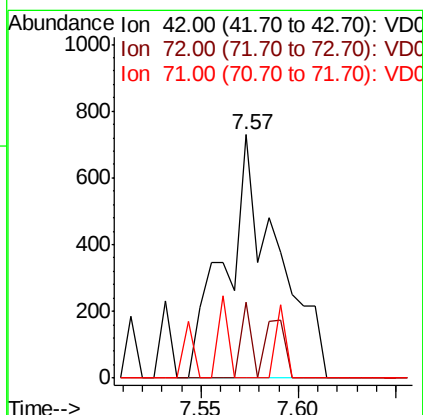
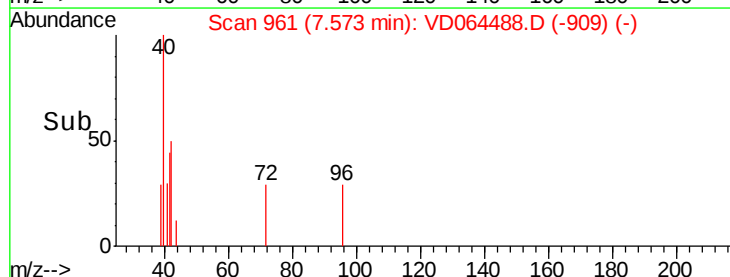
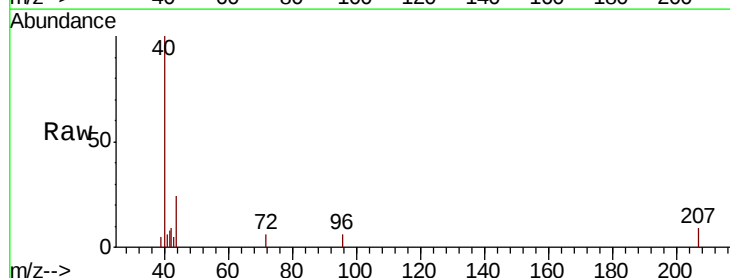
Instrument :
MSVOA_D
ClientSampleId :

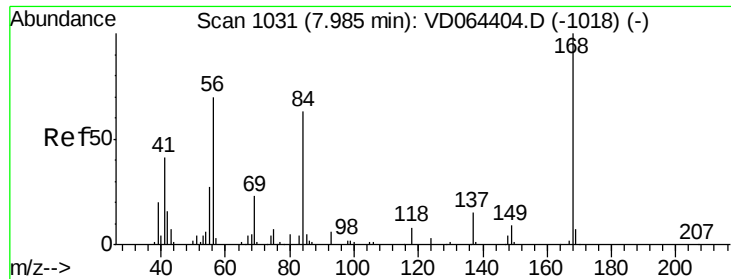
Tot Ion: 84 Resp: 5254
Ion Ratio Lower Upper
84 100
49 141.8 102.6 153.8
51 41.9 32.0 48.0
86 86.4 53.4 80.0#



#29
Tetrahydrofuran
Concen: 1.939 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

Tgt Ion: 42 Resp: 1333
Ion Ratio Lower Upper
42 100
72 6.1 35.8 53.8#
71 6.5 32.7 49.1#

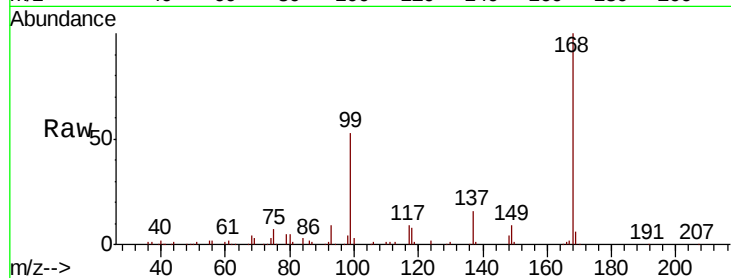




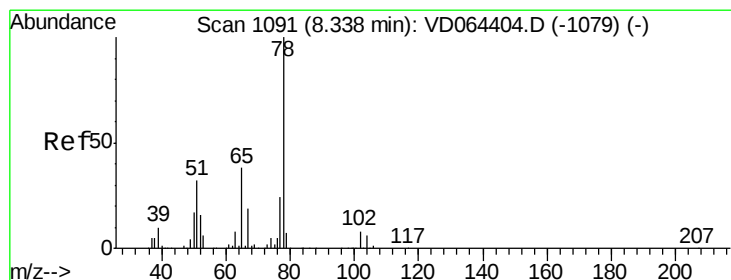
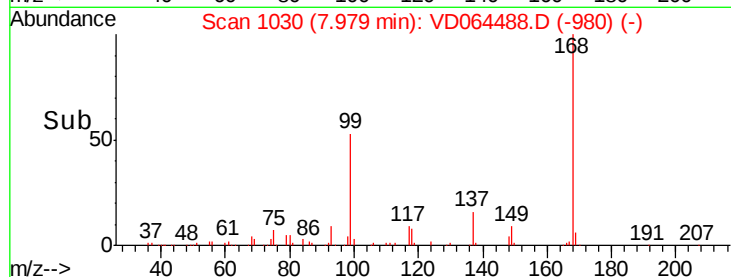
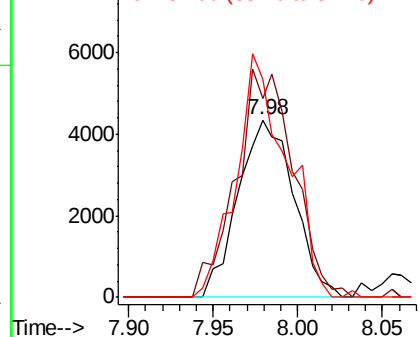
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 9954
Ion Ratio Lower Upper
56 100
69 112.2 26.2 39.4#
84 122.4 70.3 105.5#

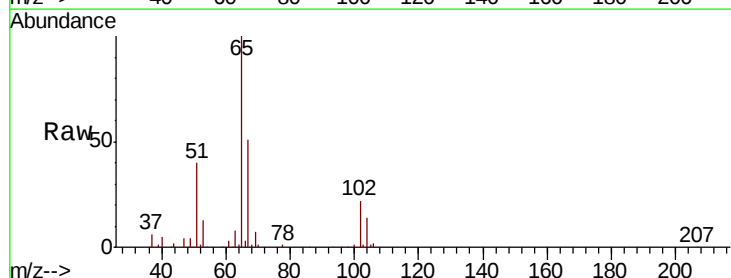


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

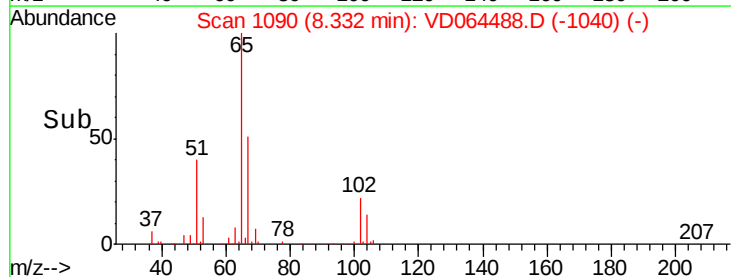
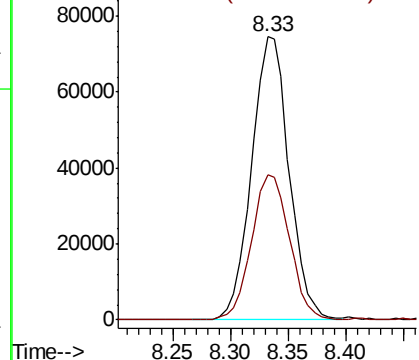


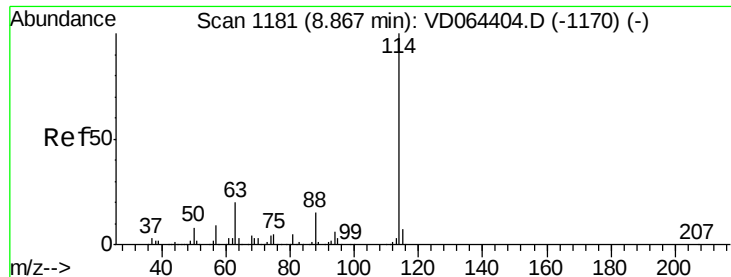
#33
1,2-Dichloroethane-d4
Concen: 44.527 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

Tgt Ion: 65 Resp: 168321
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

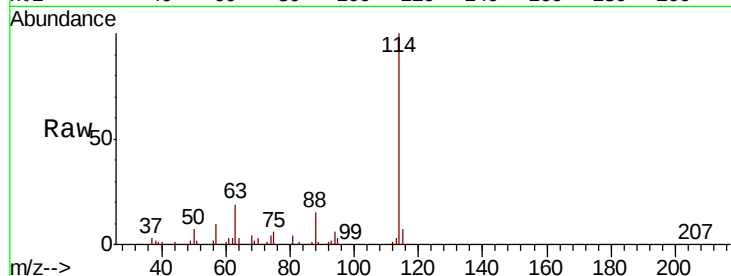




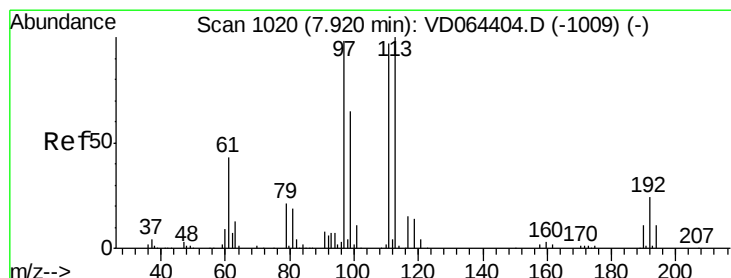
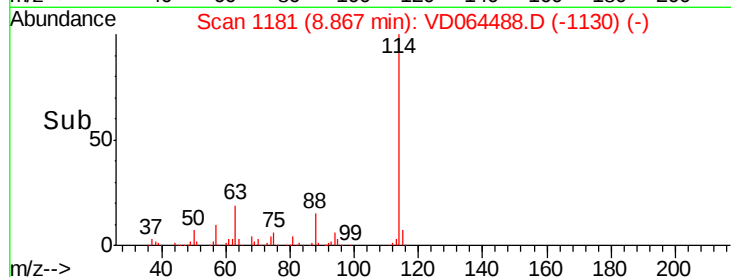
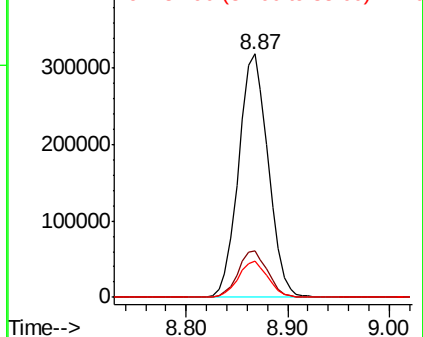
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064488.D
 Acq: 10 Dec 2019 17:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 646429
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.9 0.0 29.2

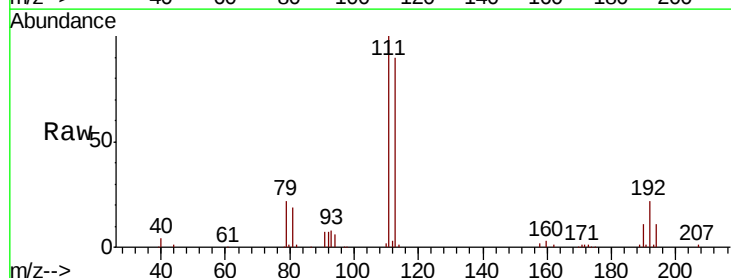


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

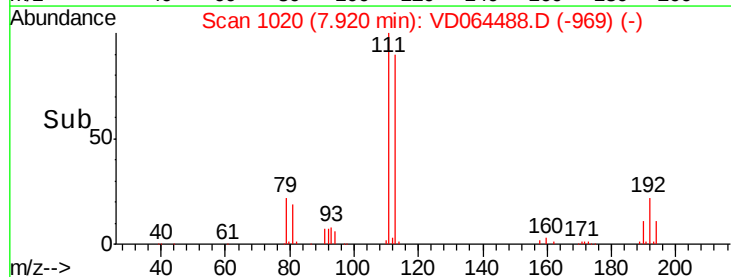
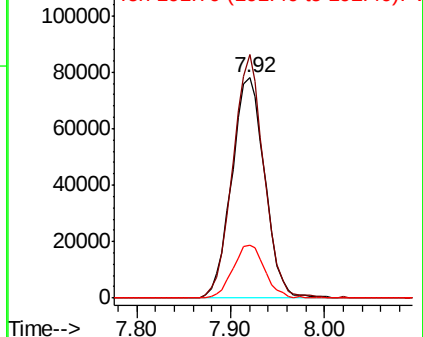


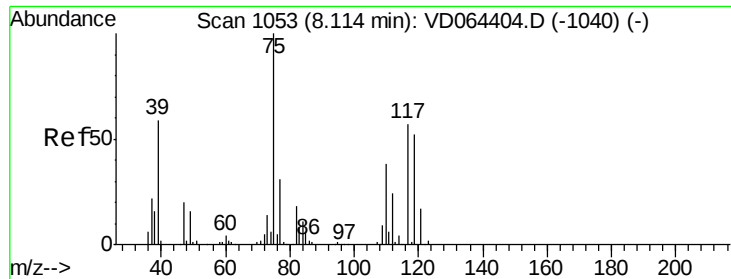
#35
 Dibromofluoromethane
 Concen: 46.711 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064488.D
 Acq: 10 Dec 2019 17:19

Tgt Ion:113 Resp: 190245
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.4 119.2
 192 23.2 18.6 28.0



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

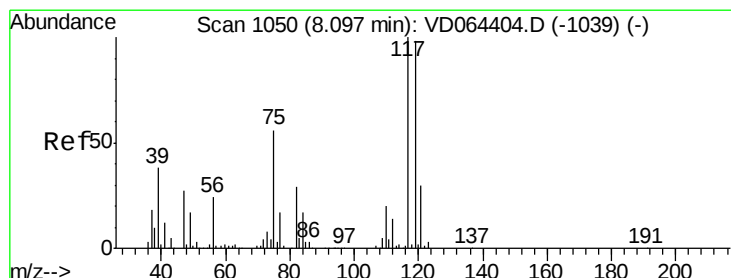
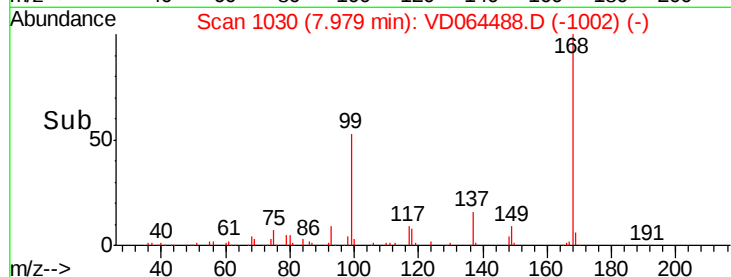
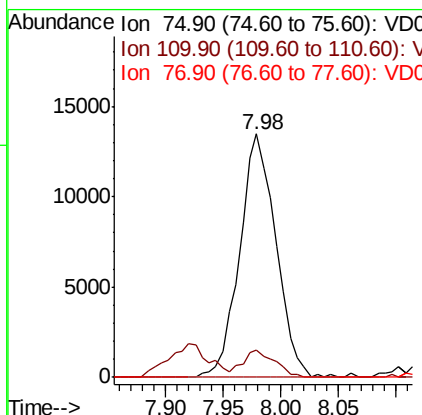
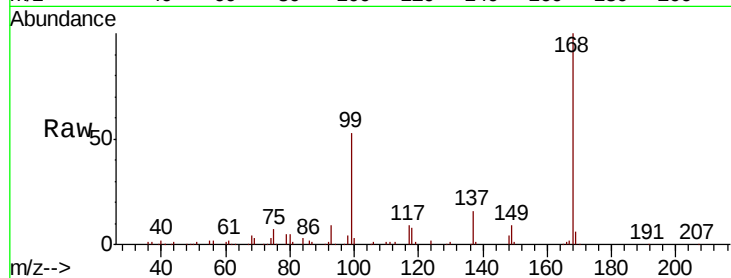




#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064488.D
 Acq: 10 Dec 2019 17:19

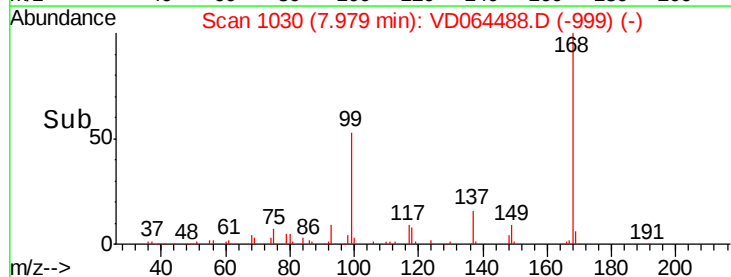
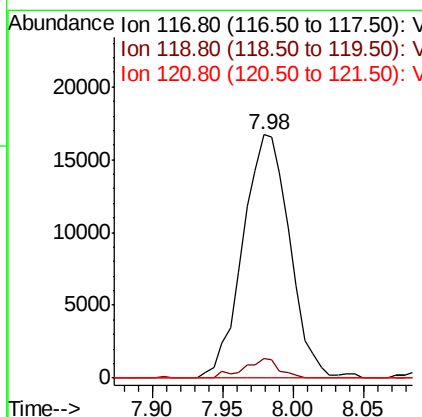
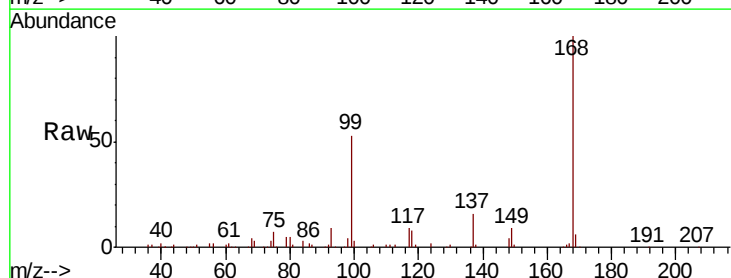
Instrument :
 MSVOA_D
 ClientSampleId :

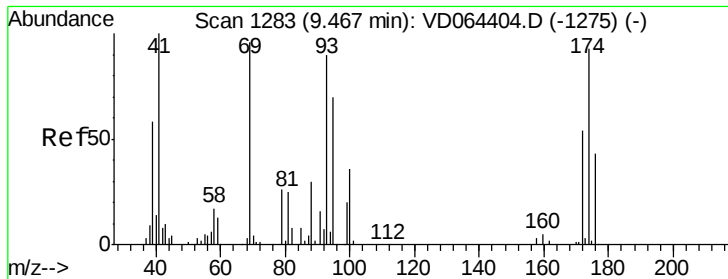
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.6	55.8#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.008 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064488.D
 Acq: 10 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.2	78.8	118.2#
121	0.0	24.2	36.2#





#49

1,4-Dioxane

Concen: 1.943 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :
MSVOA_D
ClientSampled :

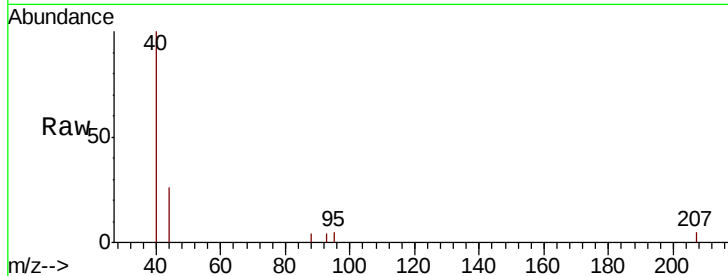
Tot Ion: 88 Resp: 55

Ion Ratio Lower Upper

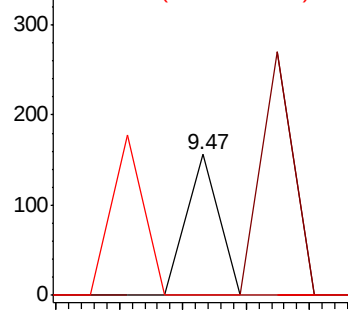
88 100

43 172.7 26.7 40.1#

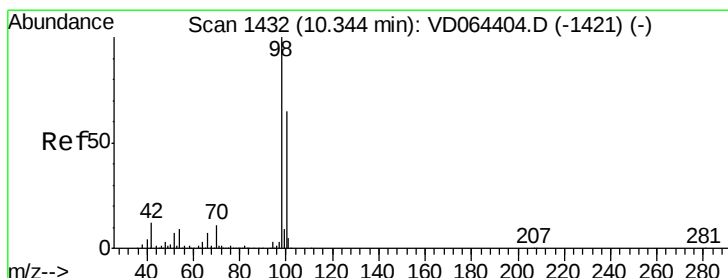
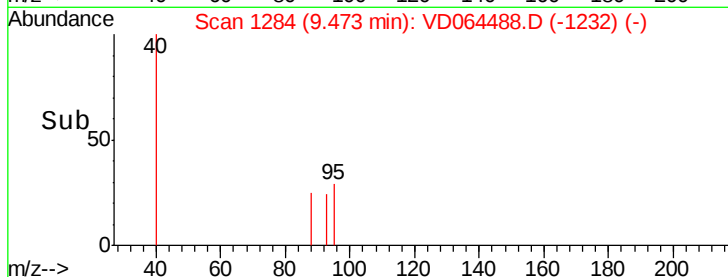
58 0.0 52.3 78.5#



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



Time-->



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064488.D

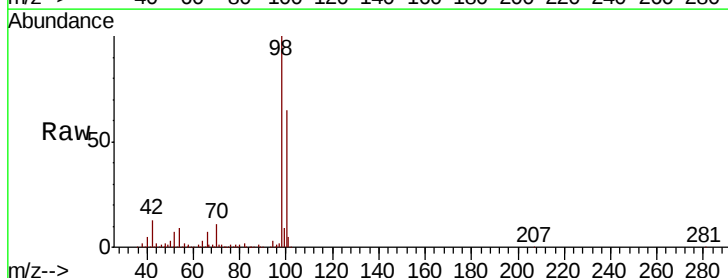
Acq: 10 Dec 2019 17:19

Tgt Ion: 98 Resp: 760594

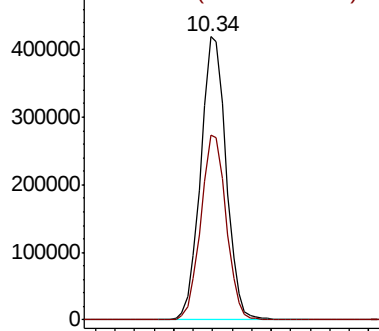
Ion Ratio Lower Upper

98 100

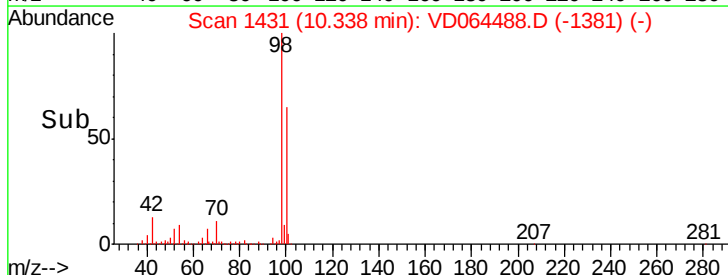
100 65.2 52.6 79.0

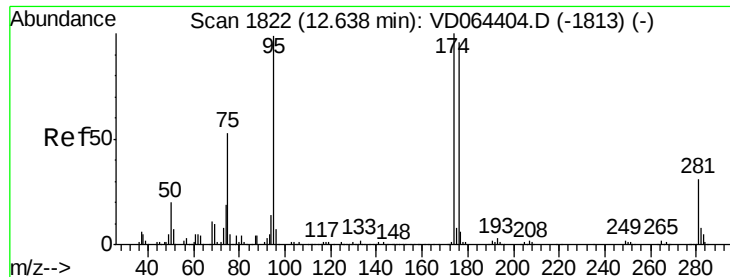


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC



Time-->

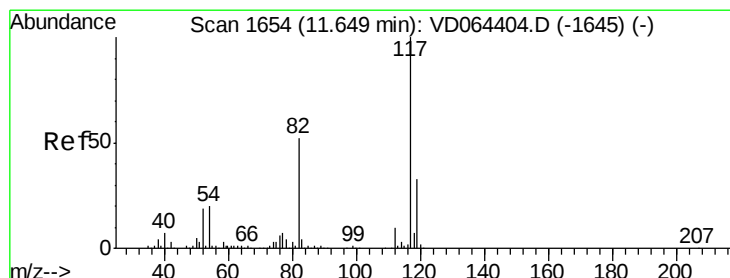
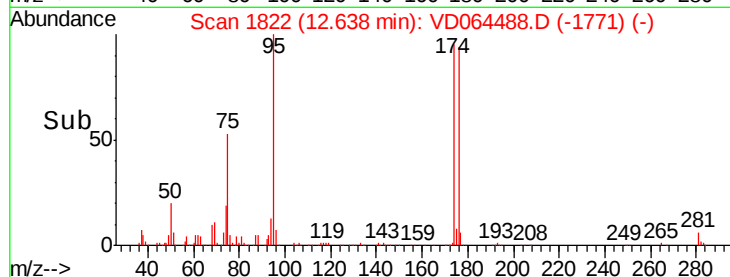
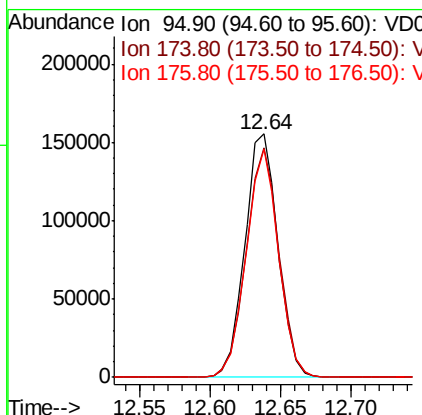
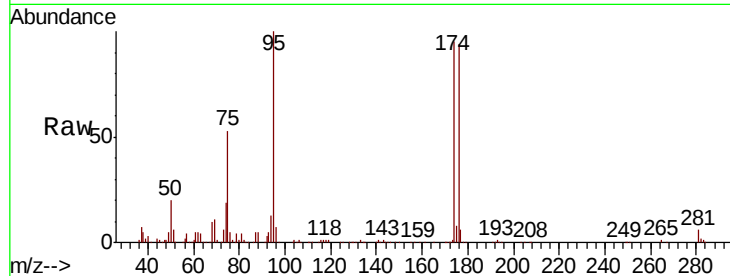




#62
4-Bromofluorobenzene
Concen: 51.877 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

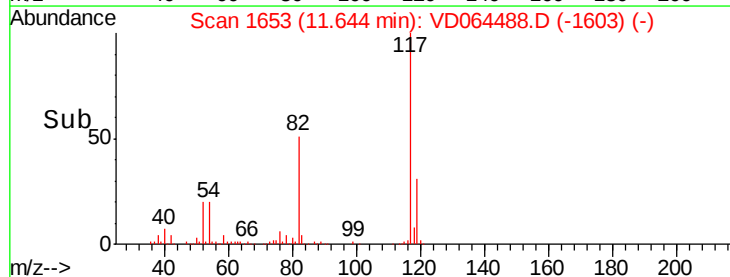
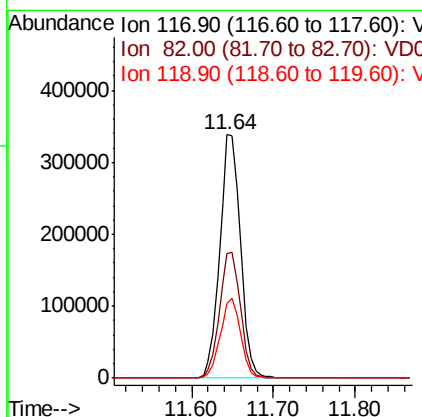
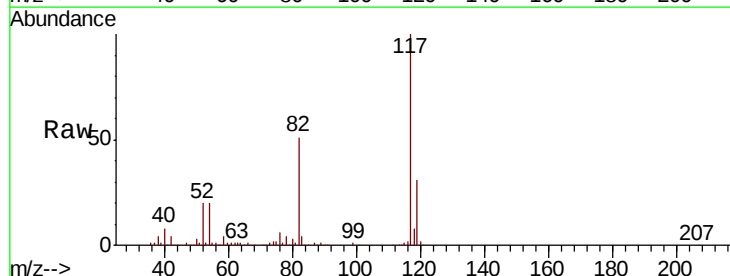
Instrument :
MSVOA_D
ClientSampleId :

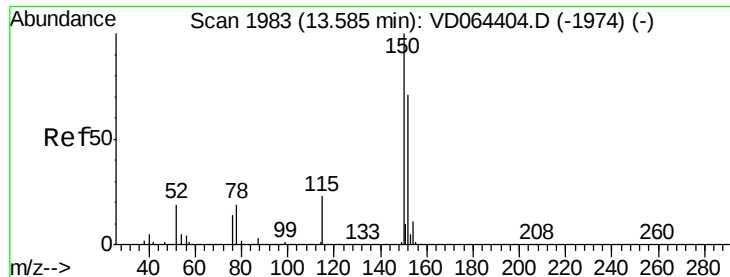
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	197.2
176	91.3	0.0	189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.4	62.2
119	30.7	26.2	39.2



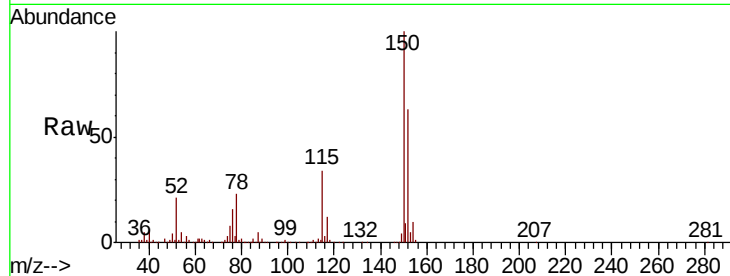


#72

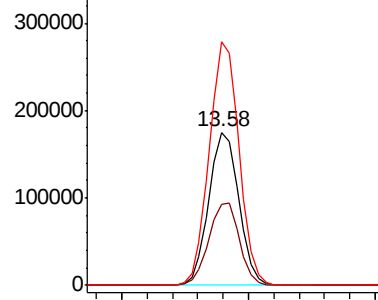
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

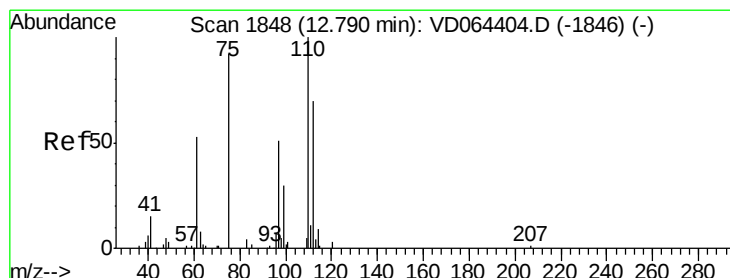
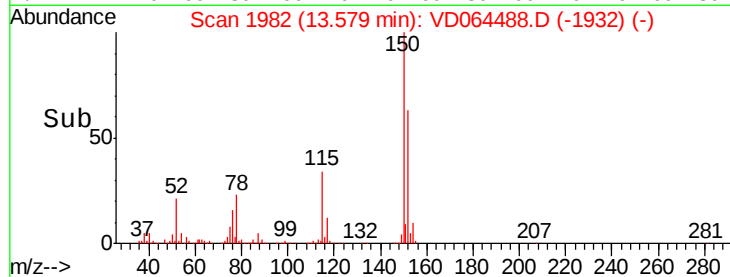
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.7	80.1
150	157.3	0.0	347.2



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



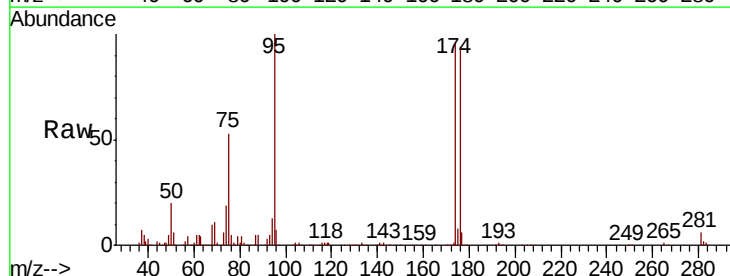
Time-->



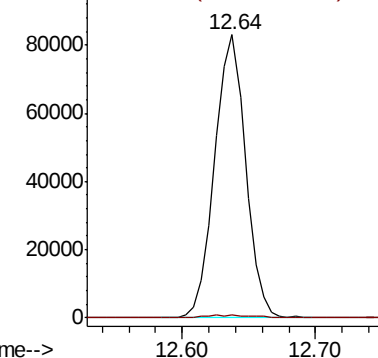
#76

1,2,3-Trichloropropane
Concen: 56.287 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064488.D
Acq: 10 Dec 2019 17:19

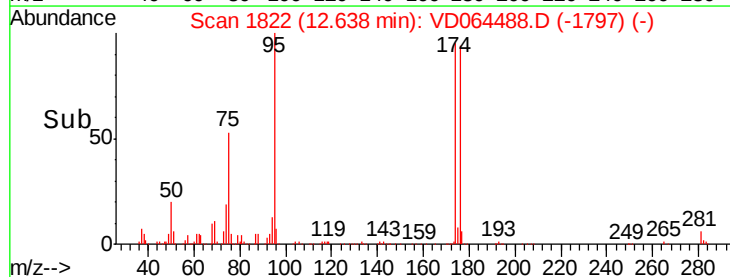
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

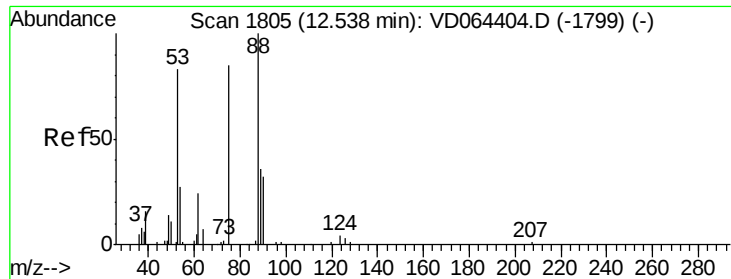


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 122.736 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

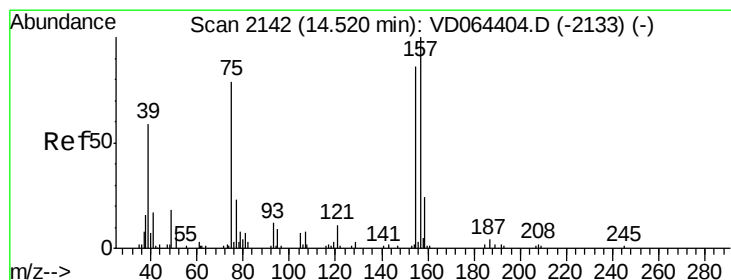
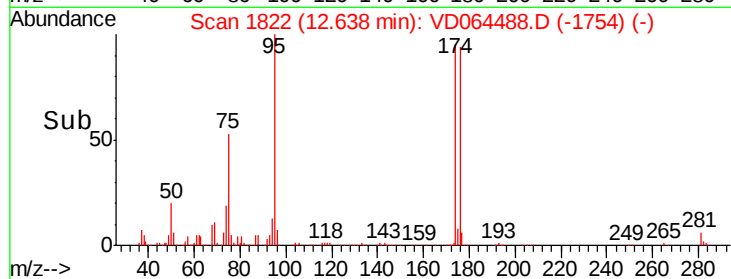
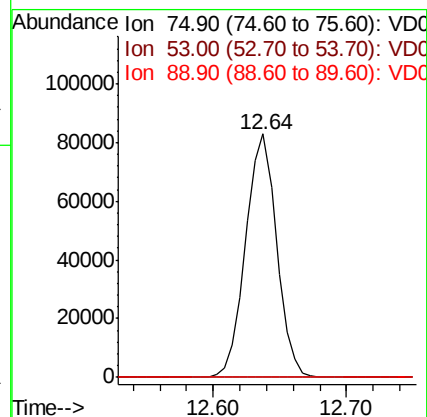
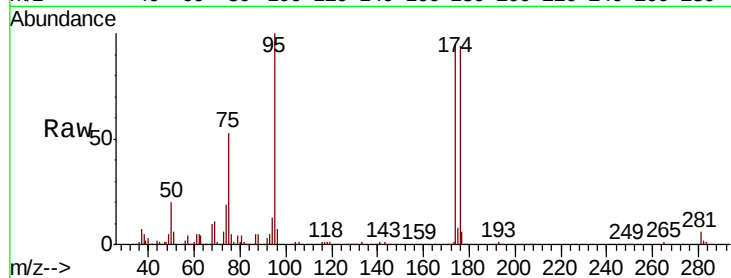
Tot Ion: 75 Resp: 133133

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 38.5 57.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.50 min Scan# 2139

Delta R.T. -0.02 min

Lab File: VD064488.D

Acq: 10 Dec 2019 17:19

Tgt Ion: 75 Resp: 214

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#

