

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062174.D
 Acq On : 8 May 2019 15:15
 Operator : FY/SY
 Sample : K2717-02
 Misc : 6.38g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0206-01

Quant Time: May 09 01:24:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

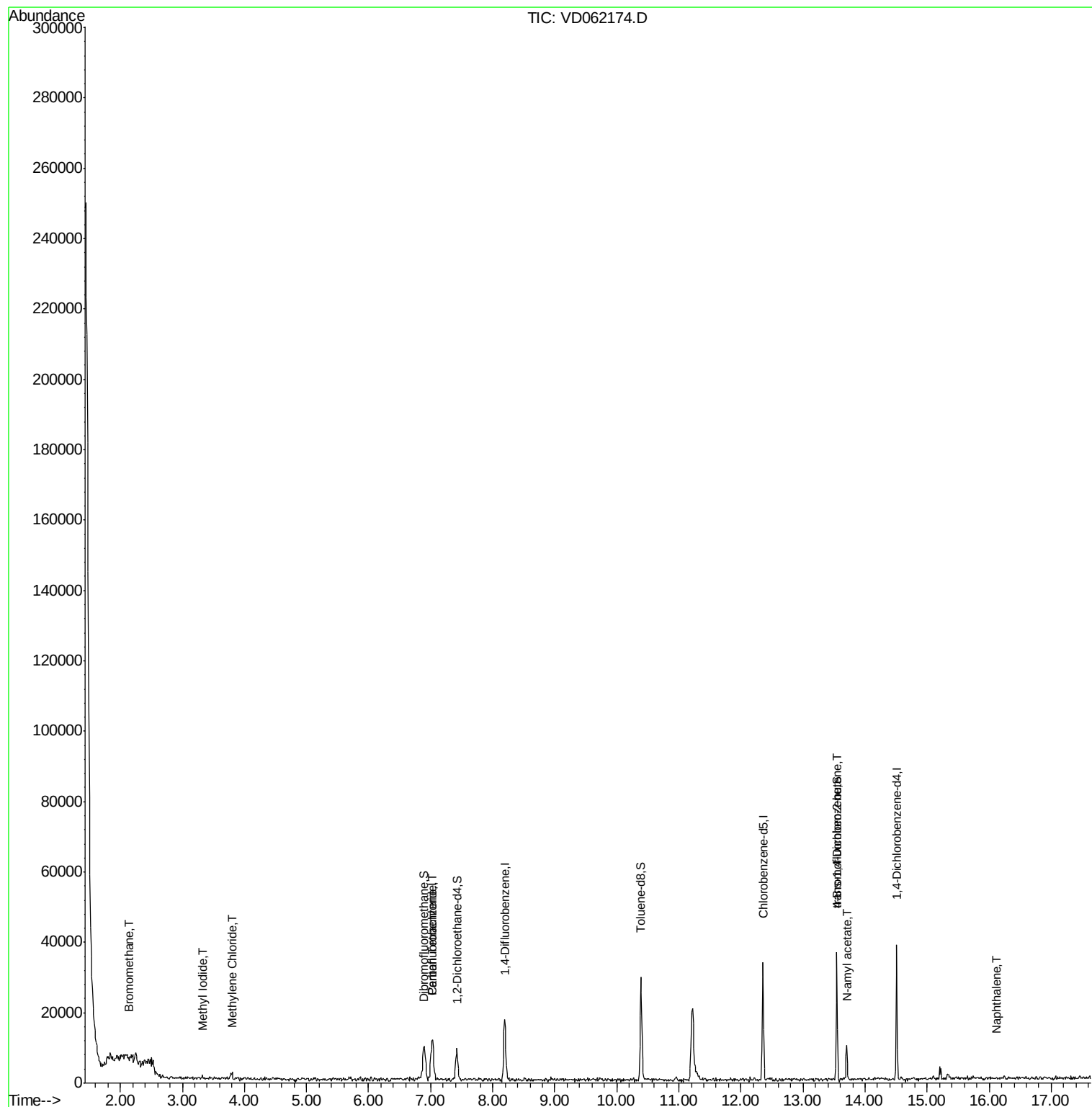
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	15767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	24154	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	20265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	9487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	10569	72.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.26%	
35) Dibromofluoromethane	6.89	113	10351	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.39	98	26042	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	13.55	95	10531	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.13	94	2834	112.944	ug/l #	12
10) Methyl Iodide	3.32	142	391	1.643	ug/l #	37
20) Methylene Chloride	3.81	84	1039	8.098	ug/l #	8
38) Carbon Tetrachloride	7.03	117	931	3.397	ug/l #	12
74) N-amyl acetate	13.69	43	245	1.643	ug/l #	49
81) trans-1,4-Dichloro-2-buten	13.55	75	4232	132.962	ug/l #	16
95) Naphthalene	16.11	128	260	1.068	ug/l #	70

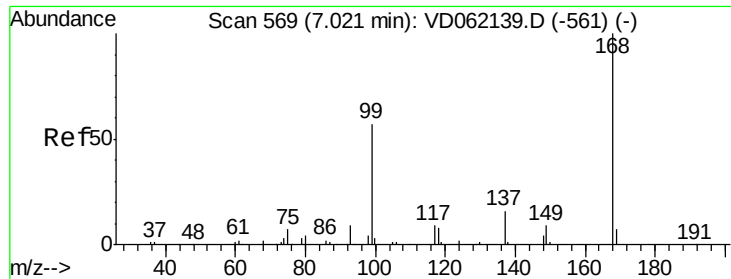
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

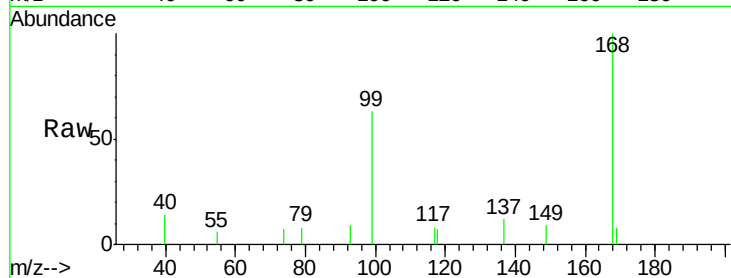
P026-SS001-0206-01

Tot Ion:168 Resp: 15767

Ion Ratio Lower Upper

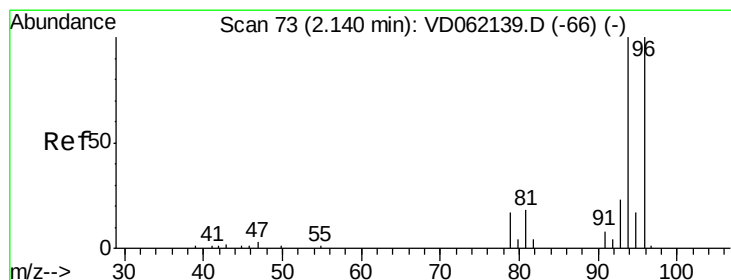
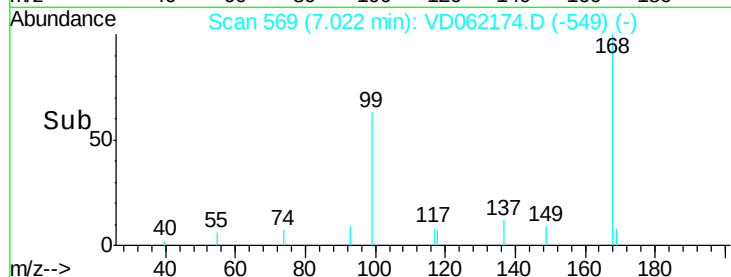
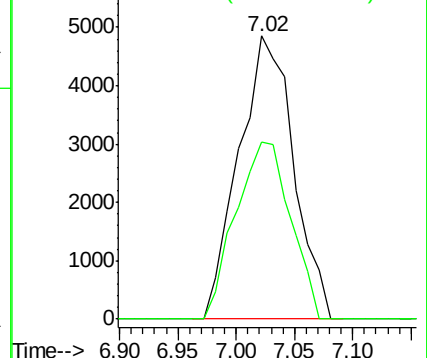
168 100

99 62.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 112.944 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

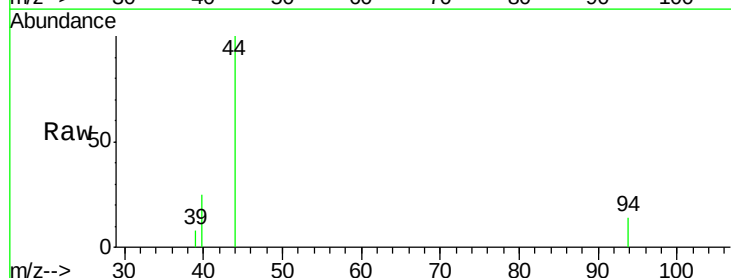
Tgt Ion: 94 Resp: 2834

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

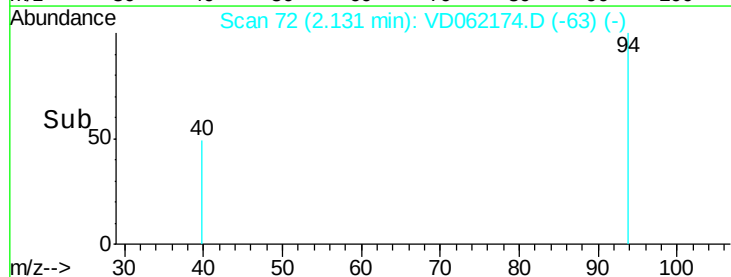
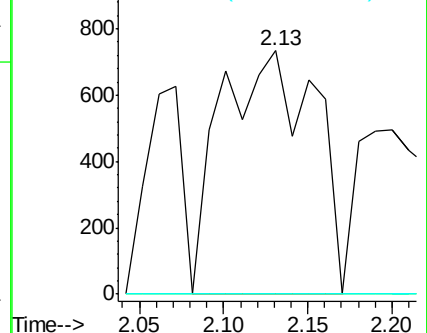
93 0.0 18.5 27.7#

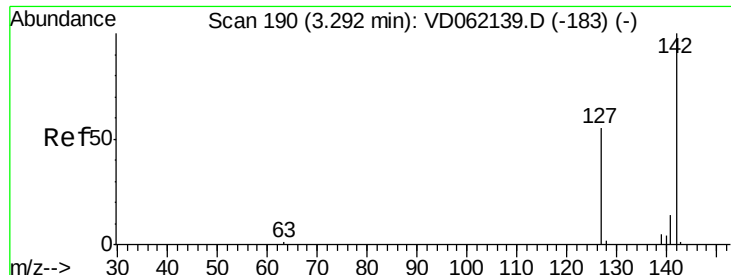


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

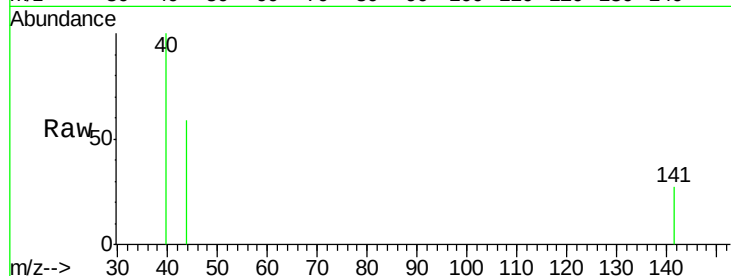




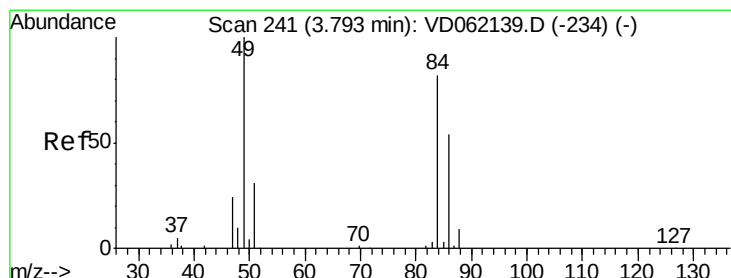
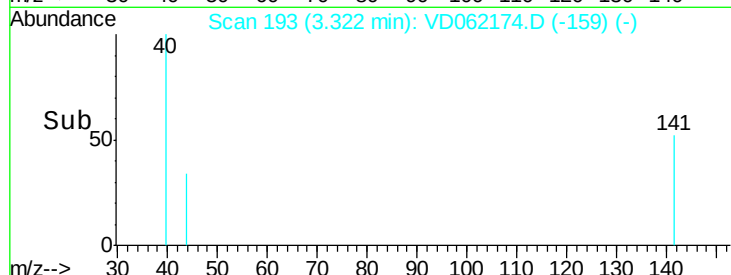
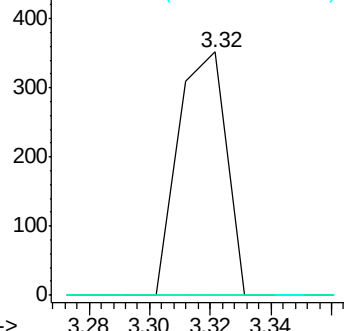
#10
Methyl Iodide
Concen: 1.643 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0206-01

Tot Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

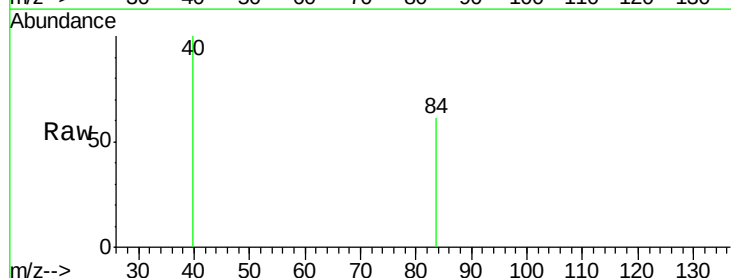


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

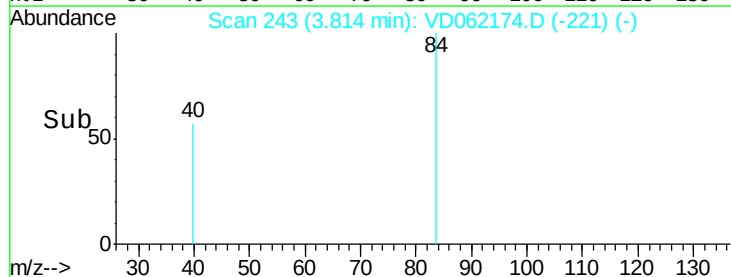
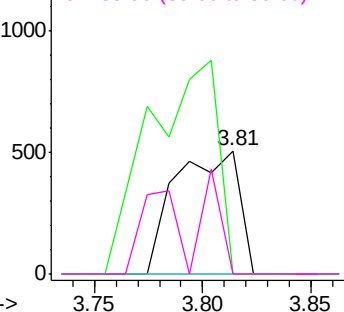


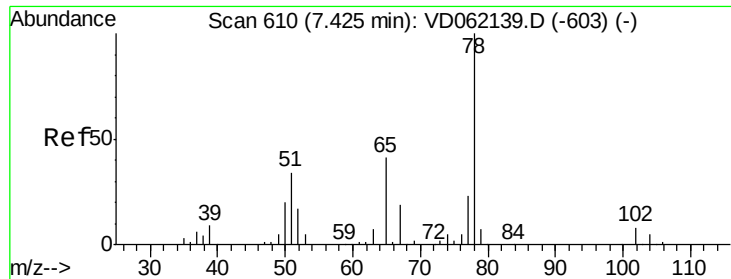
#20
Methylene Chloride
Concen: 8.098 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Tgt Ion: 84 Resp: 1039
Ion Ratio Lower Upper
84 100
49 0.0 94.0 141.0#
51 0.0 29.0 43.4#
86 0.0 49.8 74.6#



Abundance Ion 83.95 (83.65 to 84.65): 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

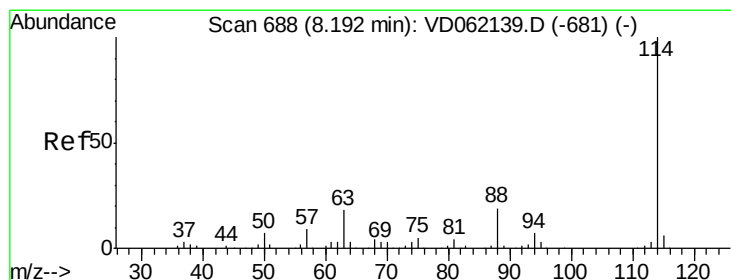
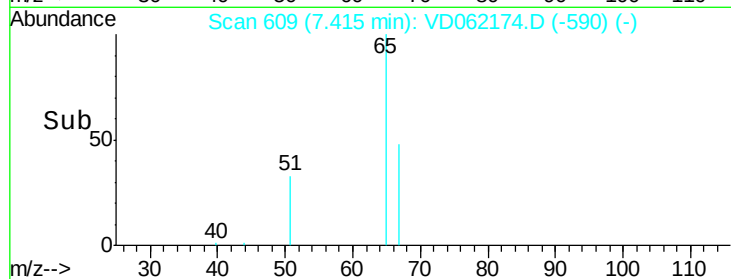
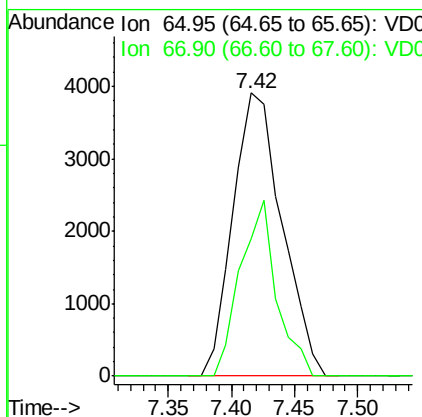
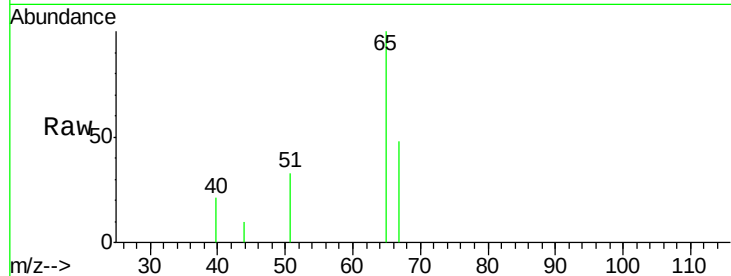




#33
 1,2-Dichloroethane-d4
 Concen: 72.131 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: VD062174.D
 Acq: 8 May 2019 15:15

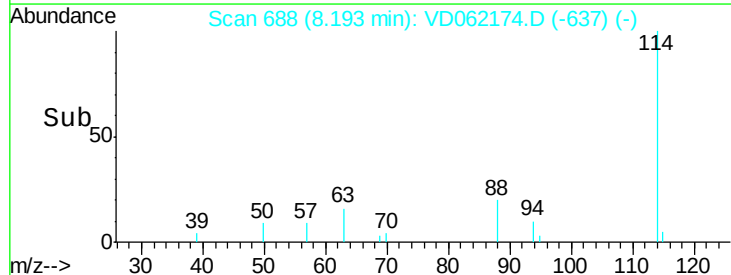
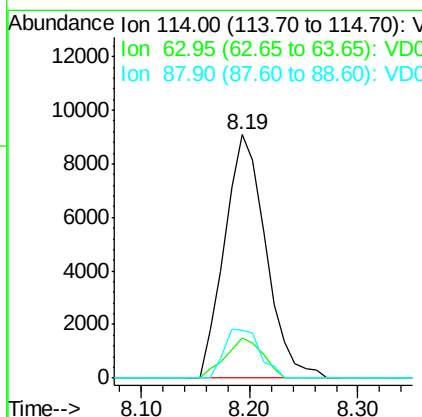
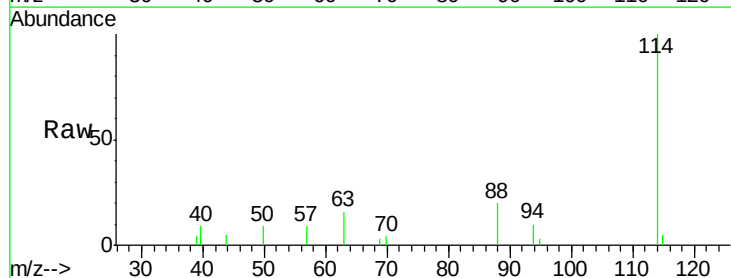
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0206-01

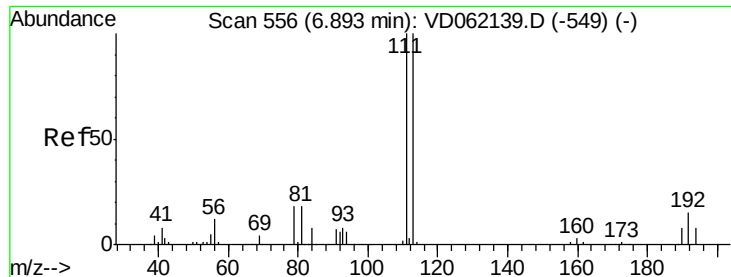
Tot Ion: 65 Resp: 10569
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062174.D
 Acq: 8 May 2019 15:15

Tgt Ion: 114 Resp: 24154
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 19.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.649 ug/l

RT: 6.89 min Scan# 556

Delta R.T. 0.00 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01

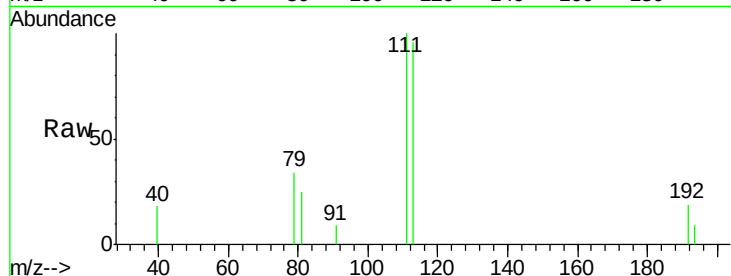
Tot Ion:113 Resp: 10351

Ion Ratio Lower Upper

113 100

111 104.0 78.5 117.7

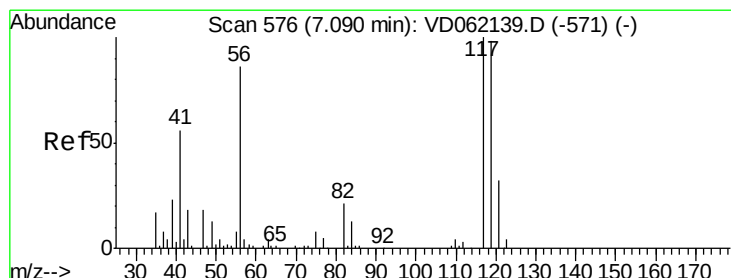
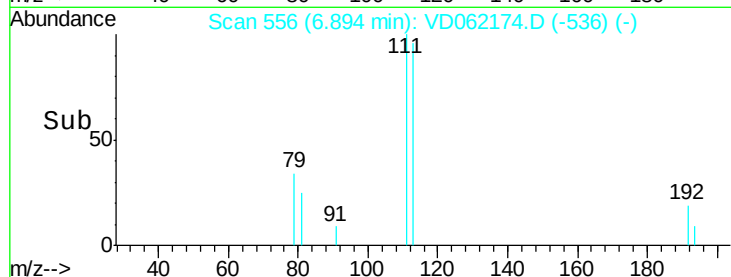
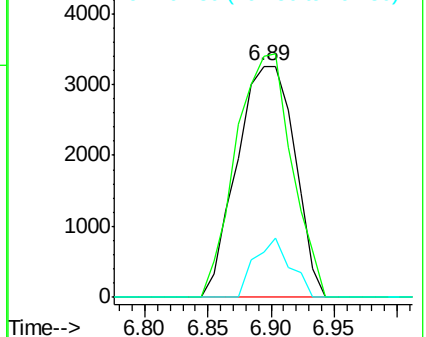
192 19.4 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#38

Carbon Tetrachloride

Concen: 3.397 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

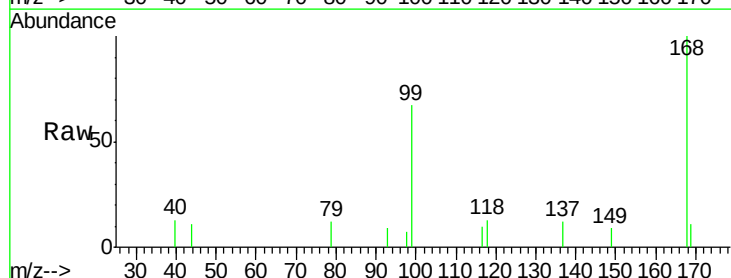
Tgt Ion:117 Resp: 931

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

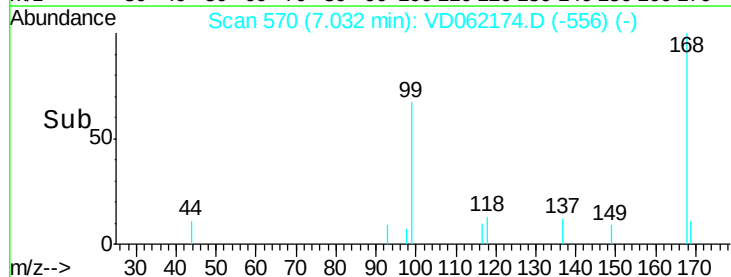
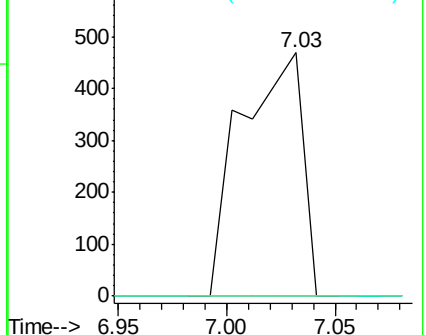
121 0.0 25.9 38.9#

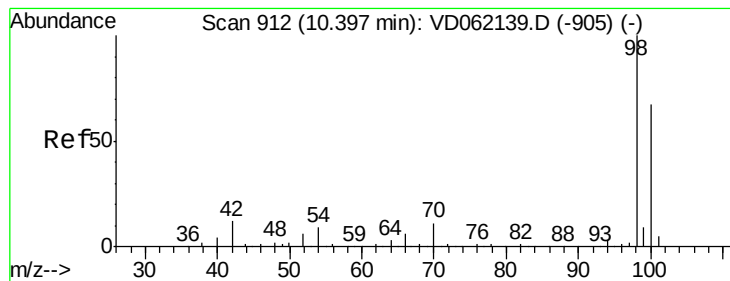


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: 53.895 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

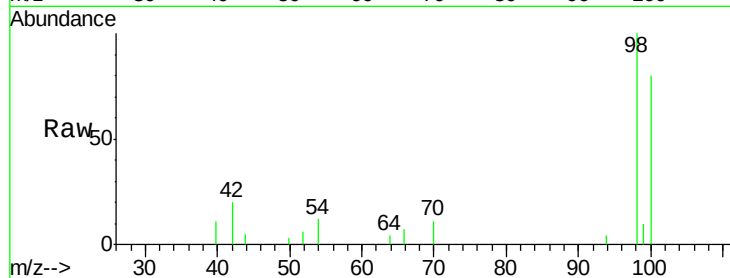
P026-SS001-0206-01

Tot Ion: 98 Resp: 26042

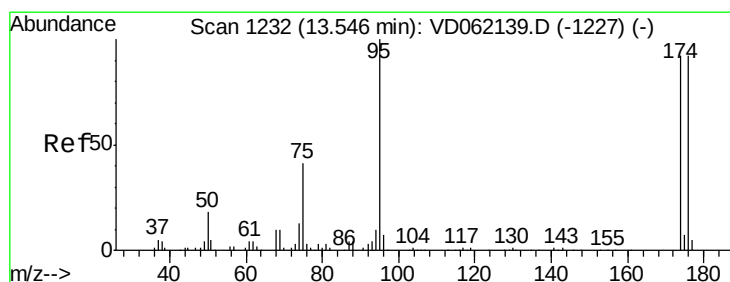
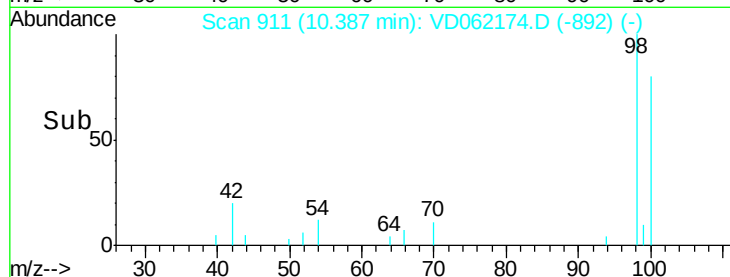
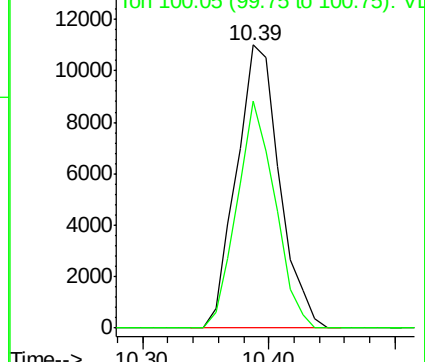
Ion Ratio Lower Upper

98 100

100 80.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 54.274 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062174.D

Acq: 8 May 2019 15:15

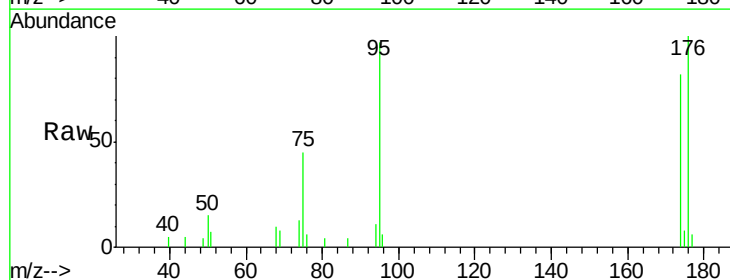
Tgt Ion: 95 Resp: 10531

Ion Ratio Lower Upper

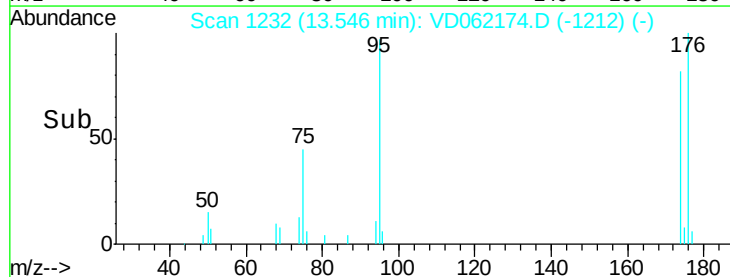
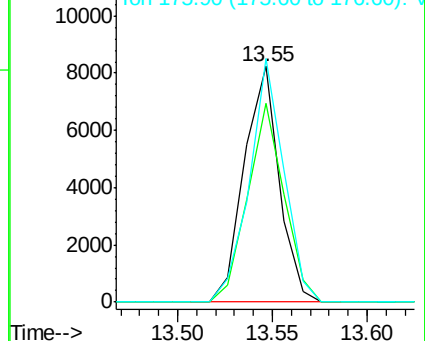
95 100

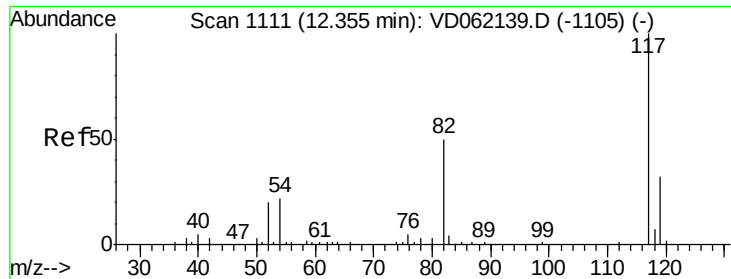
174 84.6 0.0 181.8

176 103.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

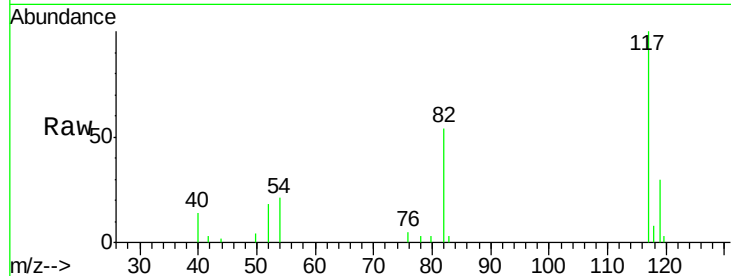




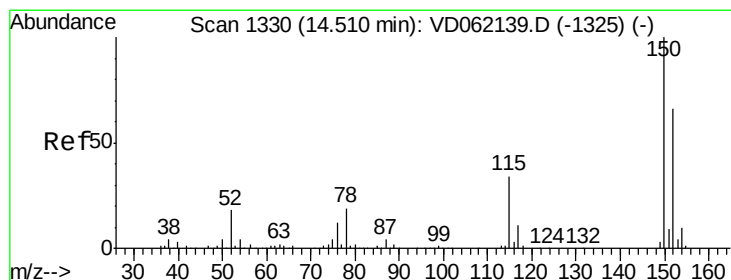
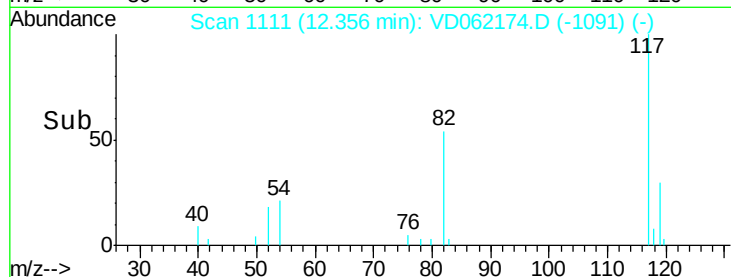
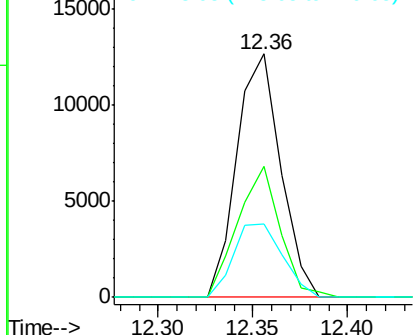
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0206-01

Tot Ion:117 Resp: 20265
Ion Ratio Lower Upper
117 100
82 53.6 36.2 54.2
119 30.0 26.2 39.4

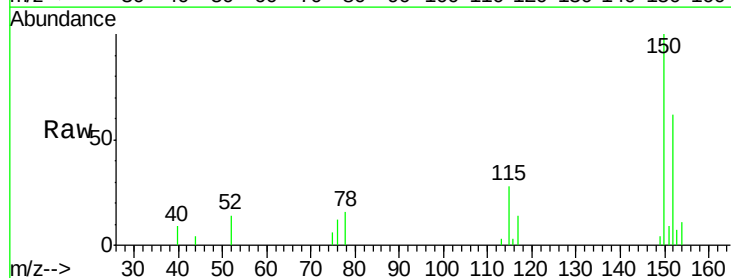


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

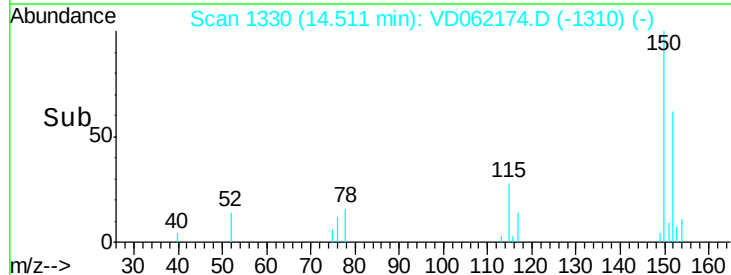
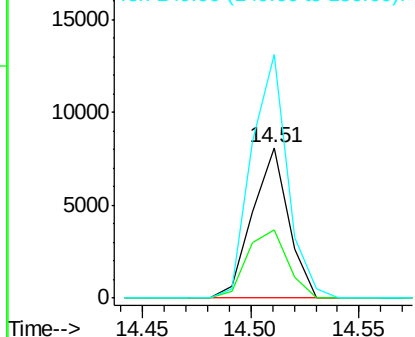


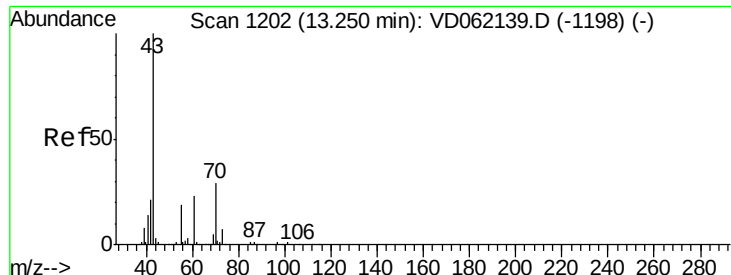
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Tgt Ion:152 Resp: 9487
Ion Ratio Lower Upper
152 100
115 45.1 30.9 92.7
150 162.0 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

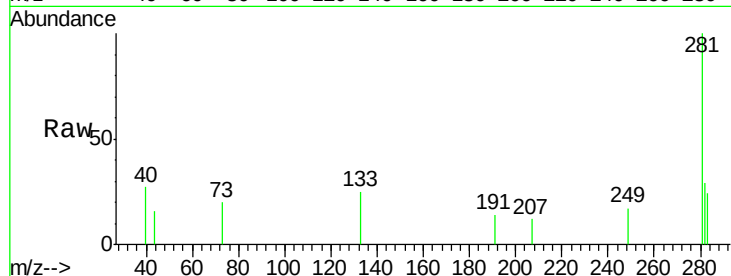




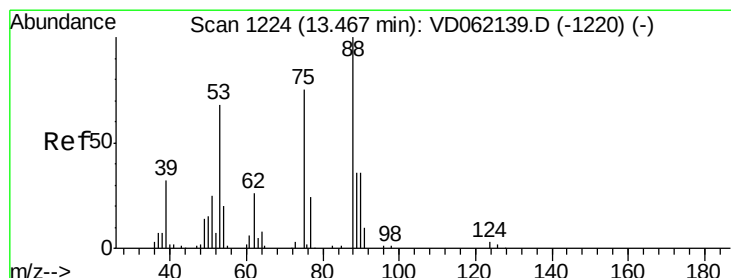
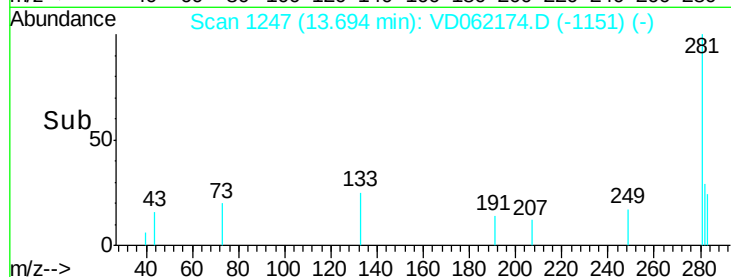
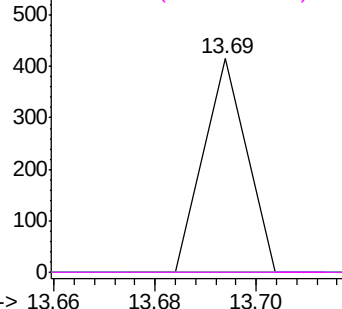
#74
N-amvl acetate
Concen: 1.643 ug/l
RT: 13.69 min Scan# 1247
Delta R.T. 0.44 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0206-01

Tot Ion:	43	Resp:	245
Ion	Ratio	Lower	Upper
43	100		
70	0.0	24.2	36.4#
55	0.0	16.0	24.0#
61	0.0	21.6	32.4#

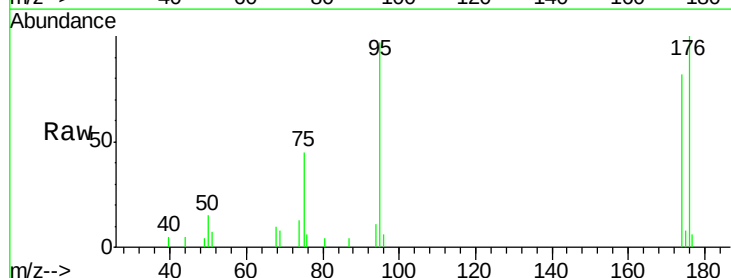


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 70.00 (69.70 to 70.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 60.95 (60.65 to 61.65): VDC

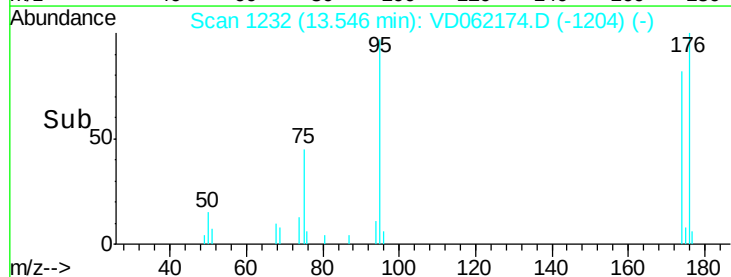
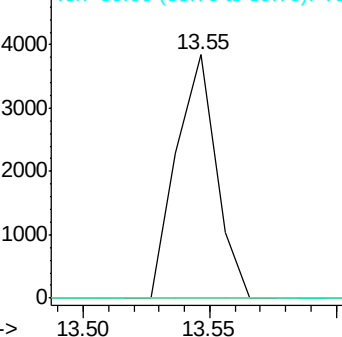


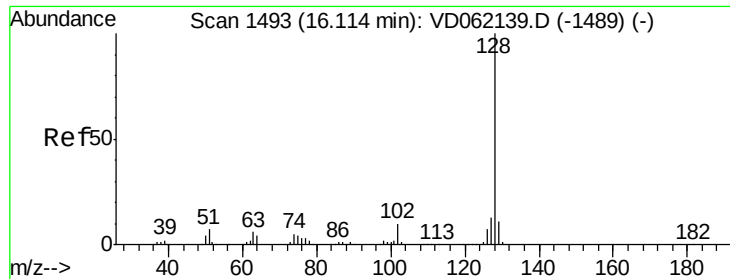
#81
trans-1,4-Dichloro-2-butene
Concen: 132.962 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062174.D
Acq: 8 May 2019 15:15

Tgt Ion:	75	Resp:	4232
Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 1.068 ug/l

RT: 16.11 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062174.D

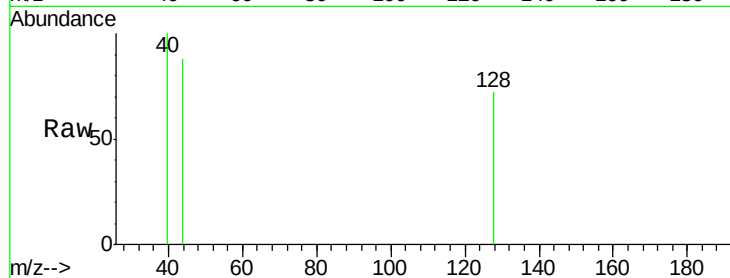
Acq: 8 May 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0206-01



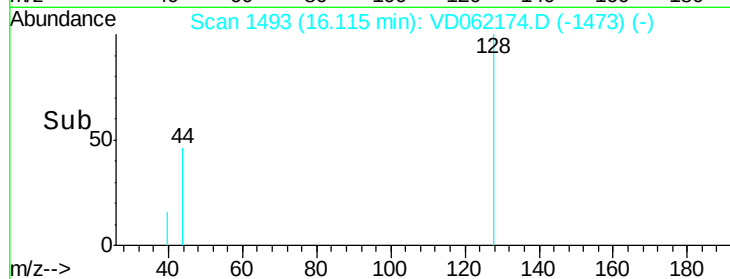
Tot Ion:128 Resp: 260

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

